IPv6 READY Phase-2 NEMO (Network Mobility) Test Specification Profile

[I] Guidelines for Implementation and Priorities in Testing

Technical Document version 1.1.0

IPv6 Forum IPv6 Ready Logo Committee http://www.ipv6forum.org http://www.ipv6ready.org



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Commentators:

- TTA/IT Testing Laboratory



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1. Overview

This document gives guidelines for implementing functions specified in the IETF RFC on NEMO functions.

This document is provided

- as a guide to implementation that ensures interoperability between the Home Agent (HA) and Mobile Router (MR),
- to give a classification of individual NEMO functions according to their importance in terms of interoperability.

The NEMO Test Profile only includes [1] *Guidelines for Implementation and Priorities in Testing* (this document). It will include [2] *Test Specifications* in a future version.

The content of this document includes specifications of the interfaces between NEMO nodes, i.e., HA and MR, guidelines for the implementation of NEMO nodes, and priorities for the testing of each node function according to the function's importance for interoperability.

This document is in complete accord with the IETF's RFC specifications for NEMO, but it includes some extra information for clarification and thus more strongly ensures interoperability.



2. Scope of NEMO and test function it provides

2.1 Reference Network Architecture

Network architecture covered by NEMO is shown in Figure 2-1.

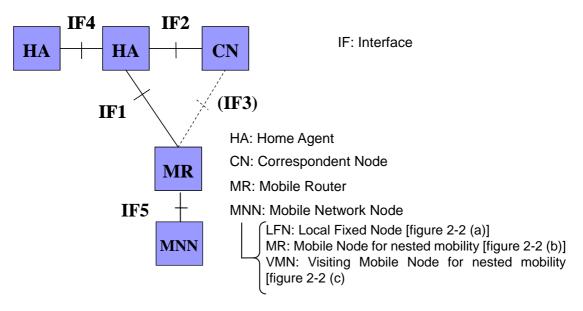


Figure 2-1 Reference Network Architecture

This document covers HA and MR specifications. Testing of generic IPv6 functions is beyond the scope of this test; however, some generic IPv6 functions are necessary for NEMO functions and are thus supported in this test.

2.2 Related standards

This document covers functions specified in the following RFC documents. NEMO RFC (1) refers RFCs (2), (3), and (4). RFCs (2) and (3) are about Mobile IPv6, and RFC (4) is about Mobility Related Terminology.

- (1) RFC 3963 (http://www.ietf.org/rfc/rfc3963.txt)
- (2) RFC 3775 (http://www.ietf.org/rfc/rfc3775.txt)
- (3) RFC 3776 (http://www.ietf.org/rfc/rfc3776.txt)
- (4) RFC 3753 (http://www.ietf.org/rfc/rfc3753.txt)
- (5) RFC 4877 (http://www.ietf.org/rfc/rfc4877.txt)



2.3 Classification of functions

This section describes methods of classifying NEMO functions needed for interoperability and describes test functions in the NEMO Conformance Test.

2.3.1 Viewpoints of the classification

The classification of NEMO functions is considered from the following viewpoints.

- (A) IETF specification
- (B) Functional Rank
- (C) Test Priority

(A) IETF specification

IETF specification refers to the classification of each NEMO function from the viewpoint of importance for implementation, as indicated by usage of the keywords below in the IETF RFC.

The keywords "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" are defined in RFC 2119.

(B) Functional Rank

Functional Rank refers to classification of functions according to their importance to interoperability.

This classification is also based on descriptions in the IETF RFC; that is, functions with descriptions "MUST", "SHOULD", "MUST NOT", and "SHOULD NOT" are basically classified as Rank-A, and functions with "MAY" are classified as either Rank B or Rank C, according to their importance to interoperability.

The definition of Functional Rank is shown in Table 2-1.



Table 2-1 Definitions of Functional Rank

	Definitions of Functional Rank										
Rank A	These functions are essential to										
	interoperability and should basically be										
	implemented										
Rank B	Implementation of these functions is optional,										
	but they are important to interoperability										
Rank C	Implementation of these functions is optional;										
	they are not required for interoperability										

Moreover, NEMO functions described in RFC, which are not described by the keywords MUST, SHOULD, and MAY, are marked as "do." "Do" is described in sectuion 5. Functions marked as "Do" are assigned Rank A, Rank B, or Rank C as shown in Table 2-1 in consideration of the importance to interoperability.

Furthermore, although not clearly written on the RFC, what began to bundle the NEMO function considered on implementation of HA etc. as a supplementary matter is positioned as "add", and Functional Rank is assigned according to Table 2-1.

Refer to the Excel table of Chapter 5.2 for details about each classified function.

(C) Test Priority

Test Priority is the classification from the viewpoint of the importance of testing.

Testing of functions classified as Priority 1 is included in the minimum test package for testing functions that are essential to interoperability.

Testing of functions classified as Priority 2 may not be needed; this depends on the application to be used. The testing of Priority 2 (Optional Test) items is selectively incorporated in the test package according to functions to be supported by the HA/MR.

Functions assigned Rank A, as above, are classified as Priority 1; however, some Rank A functions, i.e., those that are not always implemented, should be classified as Priority 2. All functions with Rank B and Rank C are classified as Priority 2.

Moreover, using the view of Functional Rank and Test Priority, objects that are assigned Rank A and Priority 1 are set to "A1."



Objects that are assigned Rank A and Priority 2 are set to "A2."

Rank B is Priority 2, so it is classified as "B."

Similarly, Rank C is Priority 2, so it is classified as "C."

As a result, Functional Rank A was classified into Priority A1 and Priority A2.

Refer to the Excel table of Chapter 5 for details of each classified function.

The reason is also described when two or more Priorities exist in the Excel table.

The NEMO Conformance Test supports functions with Priority 1 and some of those with Priority 2.

Test Priority definitions are given in Table 2-2.

Table 2-2 Definitions of Test Priority

	Definitions of Test Priority
Priority 1	Testing of functions classified as Priority 1 is
(Required	included in the minimum test package for
Test)	testing functions that are essential to
	interoperability.
Priority 2	Testing of functions classified as Priority 2
(Optional	may not be needed; this depends on the
Test)	application to be used.
	The testing of Priority 2 (Optional Test) items
	is selectively incorporated in the test package
	according to functions to be supported by the
	HA/MR.



2.3.2 Relationship among classifications of functions and test items Relationship among IETF specification, functional rank and test priority in the version of the NEMO Conformance Test are shown in Table 2-3.

Table 2-3 Relationship among IETF specification, functional rank and test priority

(A) IETF	(B) Functional Rank	(C)Test Priority
MUST NOT SHOULD SHOULD NOT	Rank [.] A	Priority 1 (Required Test) Priority 2 (Optional Test)
MAY	Rank ⁻ B Rank ⁻ C	Priority 2 (Optional Test) Priority 2 (Optional Test)

supported except a few functions

partly supported



The NEMO Conformance Test supports HA and MR functions.

Both HA and MR refer to Mobile IPv6 specifications. The NEMO Conformance Test supports only functions that are related to NEMO's HA and MR, not functions specific to Mobile IPv6's HA and MN. Specific functions for Mobile IPv6's HA and MN in RFC3775/3776 are not supported in the NEMO Conformance Test. Functions related to Mobile IPv6's HA or MN are colored "Gray" in chapter 5.2.2, shown in Table 2-4.

Table 2-4 NEMO functions supported by the version of conformance test.

Node	IETF Specifications									
	RFC3963	RFC3775/RFC3776								
		Common function	Specific to Mobile							
		for NEMO and Mobile IPv6	IPv6							
HA	- Mobile network prefix	- IPsec ESP (BU and BA)	- IPsec for							
	registration	- IKE	HoTI/HoT							
	- IPv6 encapsulation and	- MPD								
	decapsulation	- Fine-Grain Selectors								
	- Nested mobility									
	- DHAAD									
MR	- Mobile network prefix	- Real Home Link	- Return							
	registration	- IKE	Routability							
	- IPv6 encapsulation and	- MPD	- Mobile to Mobile							
	decapsulation	- Movement detection,								
	- IPsec ESP (BU and BA)	care-of address formation,								
	- DHAAD	and visiting of foreign links								
	-Dynamic routing protocol	- Fine-Grain Selectors								
	-Nested mobility									



2.3.3 Coverage

IPv6 READY Logo Phase 2 NEMO is currently based on NEMO Extended Home Network Model, in which additional prefixes are used, contiguous to the Home Link Prefix inherited from MIPv6. In addition, IPv6 READY Logo Phase 2 NEMO supports Home Address of Mobile Router derived from the prefix on the Home Link, as shown in Table 2-5. Home Address of Mobile Router derived from one of its Mobile Network Prefixes is currently out of scope.

Table 2-5 Coverage of NEMO Conformance Test

Home Network Model	HoA(from HNP)	HoA(from MNP)					
	[Home Address derived from	[Home Address derived from					
	Home Network Prefix]	Mobile Network Prefix]					
NEMO Extended	Toward	NI/A					
Home Network	Target	N/A					
NEMO Aggregated	N/A	NI/A					
Home Network	IN/A	N/A					

As reference, the classification of Priority A1 and Priority A2 is described for every node with typical NEMO functions in Table 2-6.



Table 2-6 NEMO functions of Priority A1 and Priority A2 for HA and MR $\,$

Node	Function	
	Priority A1	Priority A2
НА	- Mobile network prefix registration supporting NEMO extended home network supporting HoA (from HNP) supporting all of { explicit mode implicit mode } . - IPv6 encapsulation and decapsulation - IPsec ESP (BU and BA)	Real Home LinkMPDDHAADFine-Grain Selectors
MR	- Mobile network prefix registration supporting NEMO extended home network supporting HoA (from HNP) supporting any one of { explicit mode implicit mode } } - IPv6 encapsulation and decapsulation - IPsec ESP (BU and BA) - Movement detection, care-of address formation, and visiting of foreign links - Nested mobility	- Mobile network prefix registration supporting NEMO extended home network supporting HoA (from HNP) supporting all of { explicit mode implicit mode } } - Real Home Link - MPD - DHAAD - Fine-Grain Selectors

HNP: home network prefix
MNP: Mobile Network Prefix

HoA(from HNP): Home Address derived from the Home Network Prefix. HoA(from MNP): Home Address derived from the Mobile Network Prefix.



Appendix

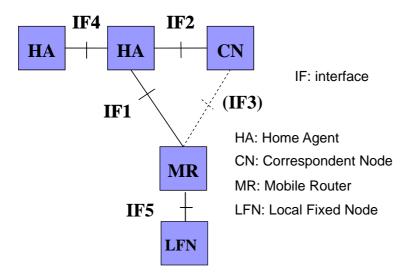


Figure 2-2 (a) Reference Network Architecture

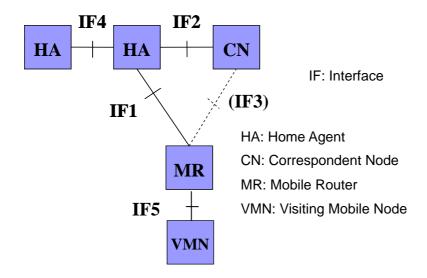


Figure 2-2 (b) Reference Network Architecture



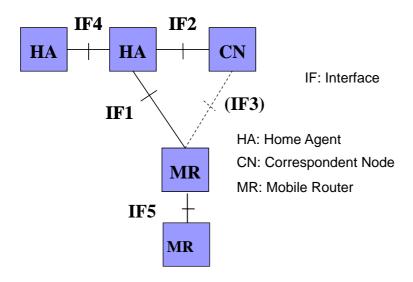


Figure 2-2 (c) Reference Network Architecture



3. Sequences

Reference NEMO sequences used in the NEMO Conformance Test are described in this section. The NEMO Conformance Test sends sequences of test packets to the target and expects to receive corresponding acknowledgement packets from the target. Details of test sequences utilized in each test are given in Test Specification documents. Reference NEMO sequences are shown in Figs. 3-1 to 3-6.

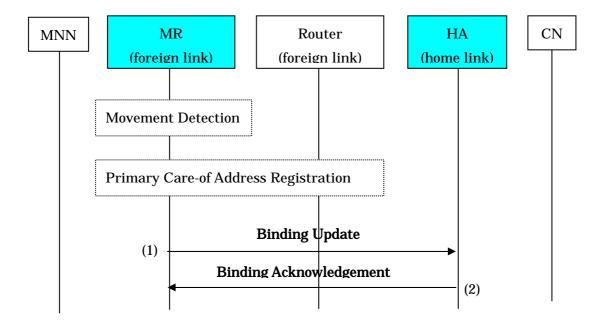


Figure 3-1 Primary Care-of Address Registration



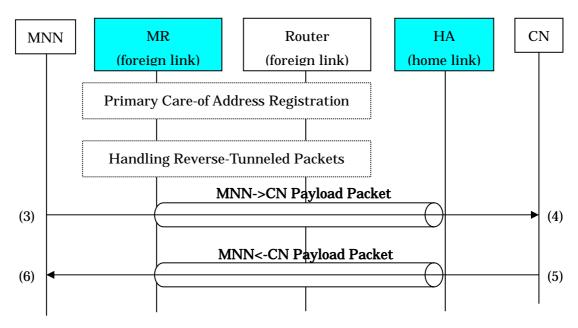


Figure 3-2 Handling Reverse-Tunneled Packets

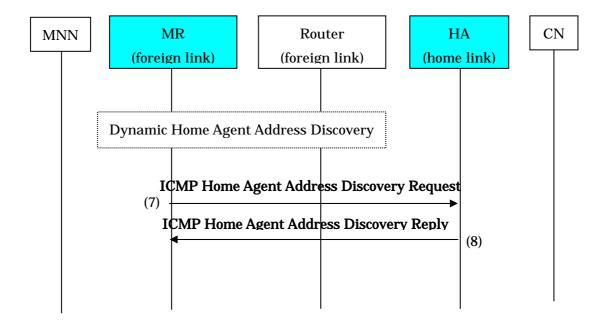


Figure 3-3 Dynamic Home Agent Address Discovery



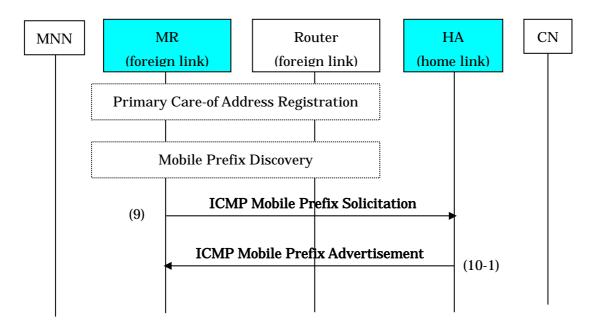


Figure 3-4-1 Mobile Prefix Discovery

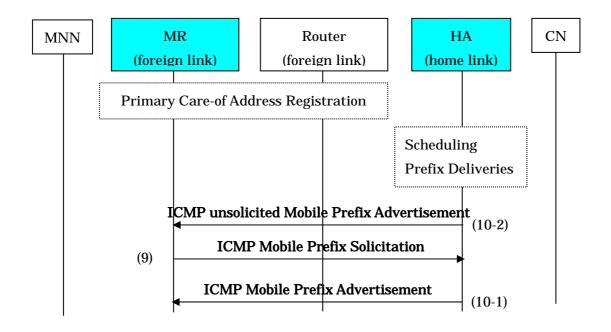


Figure 3-4-2 Mobile Prefix Discovery (unsolicited Mobile Prefix Advertisement)



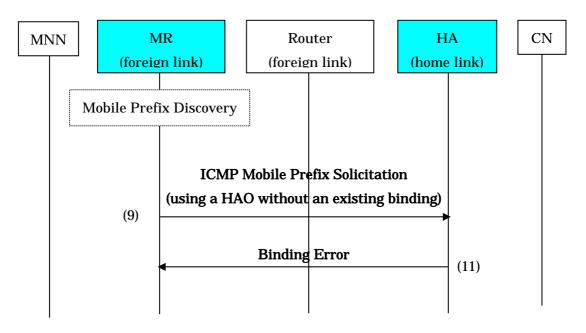


Figure 3-5 Sending Binding Error message

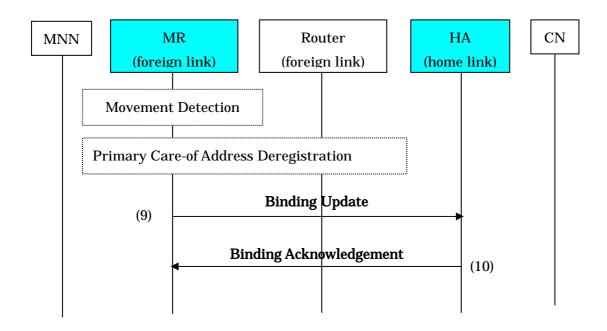


Figure 3-6 Returning Home (Primary Care-of Address Deregistration)





4. Packet formats

This section describes the reference NEMO packet formats that the NEMO Conformance Test utilizes in test sequences described in section 3. The NEMO Conformance Test sends packets in these formats to the target and expects to receive acknowledgement packets in corresponding formats from the target. Details of the packet formats are given in the Test Specification documents.



(1)-1 Bind	ling Update n	nessage for	mat (E	SP) (I	mplicit	mode	e) (MR -	> HA))		
	8	<u> </u>		16			2	4			32
Ver = 6	Traffic (Class									
	Payload	Length			Next	Head	ler = 60		Hop I	imit	
	Source Address (Care-of Address of Mobile Router 128 bits)										
	Destination Address (Home Agent Address 128 bits)										
Next I	leader = 50	Head	er Ext I	Len	•	Гуре	= 1		Option 1	Len =	2
Optio	n Data = 0	Option	n Data	= 0	Optio	n Ty	pe =201	O	tion Le	ngth	=16
		Security I			ndex (S		2 bits)				
	Init	ialization V	/ector (64 bit	s, in ca	se of	DES-C	BC)			
Payload	Proto = 59	Header	Len =	3	MH	Туре	e = 5		Reser	ved	
	Check	sum				1	Sequen	ce nur	nber		
A H L	K M R	Resei	rved				Lif	etime			
Ту	pe = 1	Option L	ength =	= 0	T	ype =	3		Length	= 16	
	Alternate Care-of Address of Mobile Node (128 bits)										
	Padding (0-2	255 Bytes)			P	ad Le	en	Ne	xt Head	ler = :	135
	Padding (0-255 Bytes) Pad Len Next Header = 135 Authentication Data (variable length)										



(1)-2 Bir	nding U	J <mark>pdate</mark> r	nessage f	ormat ((ESP)	Explici	t mod	e) (MR -:	> HA)						
		8			16			24				32			
Ver = 6	Ver = 6 Traffic Class							ow Labe	l						
	F	Payload	Length			Nex	t Head	der=60		Hop	Limit				
		Source A	Address (Care-of	Addre	ess of M	obile 1	Router 1	28 bit	s)					
Destination Address (Home Agent Address 128 bits)															
	Header _			der Ext		<u> </u>	Type			-	Len =				
Opti	on Data	a = 0	Opti	on Data	a = 0	Opti	on Typ	oe = 201	Ор	tion L	ength	=16			
		Ini	Securit S tialization	Sequen	ce nun	ber (32	bits)		BC)						
Paylo	ad Prote	o = 59	Hea	der Len	n = 3	М	Н Тур	e = 5		Res	erved				
		Checl	ksum					Sequen	ce nui	nber					
A H I	L K I	M R	Re	served				Lif	etime						
7	Type = 1	1	Option	n Lengt	th = 0		Type	= 3		Leng	th = 16	3			
	Alternate Care-of Address of Mobile Node (128 bits)														
7	Type = 1	l	Optio	n Lengt	th = 2	Opt	ion D	ata = 0	О	ption	Data :	= 0			
7	Гуре = 6	3	Option	n Lengt	h = 18		Reser	ved	Prefix Length						
	Mobile Network Prefix														



Padding (0-255 Bytes)	Pad Len	Next Header = 135				
Authentication Dat	ta (variable Len)					



(2). Binding Acknowledgement message format (ESP) (HA -> MR)

8	16										
Ver = 6 Traffic	Class	Flow Label									
Payload	Length	Next Header = 43	Hop Limit								
Source Address (Home Agent Address 128 bits) Destination Address (Source Address of an invoking Binding Update 128 bits)											
Next Header = 50	Next Header = 50 Hdr Ext Len = 2 Routing Type = 2 Segments Left = 1										
	Re	eserved									
		Mobile Node 128 bits)									
	Security Paramet	ers Index (SPI 32 bits)									
	Sequence r	number (32 bits)									
I	nitialization Vector (6	4 bits, in case of DES-C	BC)								
Payload Proto = 59	Header Len	MH Type = 6	Reserved								
Chec	ksum	Status	K R Reserved								
Sequence nu	ımber of BU	Life	etime								
Type = 1	Option Len = 2	Option Data = 0	Option Data = 0								
Padding (0	-255 Bytes)	Pad Length	Next Header = 135								
Authentication Data (variable length)											



(3) Payload packet format (Packet sent to CN)

	8	16		32							
Ver = 6	Traffic Class		Flow Label								
	Payload Length		Next Header = 41	Hop Limit							
	Source Address (Care-of Address of Mobile Router 128 bits)										
	Destination Address (Home Agent Address 128 bits)										
Ver = 6	Traffic Class		Flow Label								
	Payload Length		Next Header = 17	Hop Limit							
	Source Address (Address of Mobile Network Node 128 bits)										
	Destination Address (Correspondent Node Address 128 bits)										
	Source Port		Destina	tion Port							
	Length		Chec	ksum							
	Data(variable length)										



(4)Payload packet format (Received packet from Mobile Network Node)

	8		16					24						32
Ver = 6	Traffic Class	Flow Label												
	Payload Length			Ne	ext H	eade	er =	17		F	lop	Li	mit	
Source Address (Address of Mobile Network Node 128 bits)														
	Destination Address (Correspondent Node Address 128 bits)													
	Source Port						De	stina	tioı	n Po	rt			
	Length			Checksum										
	Data(variable length)													



(5) Payload packet format (Packet received by Mobile Network Node)

	8	16	24	32								
Ver = 6	Traffic Class		Flow Label									
	Payload Length		Next Header = 17	Hop Limit								
	Source Addres	dent Node Address 128	ß bits)									
	Destination Address (Address of Mobile Network Node 128 bits)											
	Source Port		Destina	tion Port								
	Length Checksum											
	Data(variable Len)											



(6) Payload packet format (Packet transferred from CN)

	8	16		32								
Ver = 6	Traffic Class		Flow Label									
	Payload Length		Next Header = 41	Hop Limit								
	Source Ad	dress (Home	Agent Address 128 bits	s)								
	Destination Addres	ss (Care-of A	ddress of Mobile Route	r 128 bits)								
Ver = 6	Traffic Class		Flow Label									
	Payload Length		Next Header = 17	Hop Limit								
	Source Addres	s (Correspon	dent Node Address 128	B bits)								
	Destination Address (Mobile Network Node 128 bits)											
	Source Port		Destina	tion Port								
	Length		Chec	ksum								
		Data (var	iable Len)									



(7) ICMP Home Agent Address Discovery request message format (MR -> HA)

	8			16				24	4					32
Ver = 6	Traffic	Class					Flow	v Labe	el					
	Payload	Length			No	ext He	eader	= 58			Нор	Liı	mit	
		e Address												
Туре	= 144	Co	de = 0					Che	cks	sum				
	Iden		R			R	ese	erved						



(8) ICMP Home Agent Address Discovery reply message format (HA -> MR)

	8			16					24					32
Ver = 6	Traffic	Class					Flo	w Lal	bel					
	Payload	l Length			Ne	xt H	eade	er = 58	8		Ho	p Lir	nit	
	;	Source Ad	dress (F	Iome	Ager	t Add	dres	s 128	bits)				
	Destination Address (Care-of Address of Mobile Router 128 bits)													
Туре	e = 145	Co	de = 0					Cl	heck	sun	1			
Identifier(= HAAD request) R Reserved														
Id	entifier(= F	IAAD requ	uest)		R				res	EI V	eu			



(12) Binding Update message format (ESP)(MR -> HA)

		8					16						24							32
Ver = 6	Т	raffic (Class								Flo	w L	abe	l						
	Pa	yload	Leng	th				N	ext	Н	eade	r =	50			Н	p L	imi	it	
	Source Address (Home Addre										Roi	utei	12	8 b	its)				
		Desti	natio	n Ade	dres	ss (F	Home	Age	nt .	Ado	dres	s 12	28 b	its)					
			Sec	urity	Par	am	eters	Ind	ex ((SP	I 32	bit)								
				Se	eque	ence	nun	nber	(32	bit))									
		Initi	aliza	tion V	/ect	or (64 bi	ts, ir	ı ca	se	of D	ES-	СВ	C)						
Payloa	d Proto	= 59]	Head	er L	₋en :	= 3		MH Type = 5 Reserved											
		Check	sum								S	Sequ	ieno	ce i	nuı	nbe	r			
A H L	A H L K M R Reserved											L	ifet	im	e =	0				
Ту	Type = 1 Option Len = 2								Opt	ion	Da	ta =	0		0	ptio	n D	ata	ı =	0
	Pade	ding(0-	-255E	yte)						Pa	d Le	n]	Ne	xt H	lead	ler	= 1	35
			Αι	ıthen	tica	atior	n Dat	a (va	aria	able	e Le	n)								



(13) Binding Acknowledgement message format (ESP)(HA -> MR)

		8							16									24									3	2
Ver = 6	Tra	affic	Cla	ass											F	lov	w I	∟ab	el									
	Pay	load	d L	eng	th						N	ex	t F	lea	ade	er	= 5	0				Н	op	Li	mi	it		
Source Address (Home Agent Address 128 bits) Destination Address (Home Address of Mobile Router 128 bits)																												
	Security Parameters Index (SPI 32 bits)																											
					ccu				ence								~ 1	11.5										
			Ini	tiali	izat				tor (•	D.	ES-	CE	BC)	١							
Payload l	Proto =	59		He	ade	r I	_er	า =	3			M	Ή	Ту	/pe) =	6					R	es	erv	vec	i		
	(Che	cks	um									5	Sta	tu	S				K	R			Re	se	rve	ed	
5	Sequen	ce n	um	ıber	of 1	BU	ſ]	Life	tin	ne	= 0)						
Тур	e = 1			Or	otio	n I	.en	1 =	2		(Эр	tio	n I	Da	ta	=	0			Oj	oti	on	Da	ata	ı =	0	
	Paddi	ing(0-2	55E	yte)							P	ad	Le	en				1	Vex	t l	Ie	ado	er	= 1	35	
					Au	th	ent	tic	atio	n]	Dat	a (va	ria	ble	e I	Lei	ı)	•									



(12*) Binding Update message Format (MR -> HA)

					8				16						24							32
Ve	er =	6		Tr	affic C	lass							Flov	v L	abel							
				Pay	yload l	Length				N	ext	He	ader	• = 1	135			Ho	p L	im	it	
				So		Address (F												s)				
	Payload Proto = 59 Header Len =									T	М	uп	\ \	_ 5				D	2507	~~.		
Payload Proto = 59 Header Len = 5 Checksum								<u>J</u>	MH Type = 5 Reserved													
	, ,			(Cneck	sum				Sequence number												
A	Н	L	K	M	R	Rese	ervec	<u> </u>						L	ifeti	me) =	0				
Type = 1 Option Length = 2								= 2		Opt	ion	Dat	a =	0		0	ptio	n D	ata	1 =	0	



(13*) Binding Acknowledgement message format ($HA \rightarrow MR$)

	3 Traffic Class								24						32
Ver = 6	Traffic	Class					Fle	ow l	Labe	l					
	Payload	Length			Ne	xt H	leader	• = 1	135		F	Нор	Li	mit	
		Source Addr									28 bi	its)			
Payload Proto = 59 Header Len = 3 MH Type = 6 Reserved										/ed					
	Chec	ksum			Status K R Reserved								ed		
	Sequence ni	umber of	BU						Lifet	ime	= 0				_
Type = 1 Option Len = 2 Option Data = 0 Option Data =									ata =	0					



(14) ICMP Mobile Prefix Solicitation message format (ESP)(MR -> HA)

	8		1	6	24	32					
Ver = 6	Traffic	Class			Flow Labe	1					
	Payload	Length			Next Header = 60	Hop Limit					
	Source	Address ((Care-of Ac	ldr	ress of Mobile Router	128 bits)					
	Des	stination A	Address (H	lon	ne Agent Address 128	bits)					
Next He	ader = 50	Heade	r Ext Len		Type = 1	Option Len = 2					
Option	Data = 0	Option	Data = 0	_	Option Type = 201	Option Length = 16					
		Home A	ddress of M	Мo	bile Router (128 bits)						
		Securi	ity Parame	ete	rs Index (SPI 32bit)						
			Sequence	nı	umber(32bit)						
	In	itializatio	n Vector (6	4 1	bits, in case of DES-C	BC)					
Туре	= 146	Co	de = 0		Che	cksum					
	Iden	tifier			Res	served					
	Padding (0)-255 Byte	e)		Pad Len	Next Header = 58					
	Authentication Data (variable Len)										



(15) ICMP Mobile Prefix Advertisement message format (ESP)(HA->MR)

		8						16						24	ŀ						32
Ver = 6	Tra	ffic	Clas	SS								Flo	w L	abel							
	Pay	load	l Ler	ngtl	h_				N	lext	Hea	ade	r = ·	43			Ho	p	Lin	nit	
			Sou	ırce	Ad	dre	ss (Hom	e Ag	ent A	Add	ress	s 12	8 bi	ts)						
Destinat	ion Add	ress	s (So	our	ce A	۸ddr	ess	of a	n inv	okir/	ng N	1ob	ile l	Prefi	x S	olic	itat	io:	n 1	28 ե	oits)
Next He	ader = {	50	ŀ	Idr	Ex	t Le	n =	= 2]	Rout	ing	Туј	pe =	· 2		Seg	gme	nt	ts L	eft	= 1
								Re	serv	ed											
						ty P	ara	amet	fobil ers I	ndex	(S)	PI 3									
		I	nitia	aliza	atic				4 bit:				DE	ES-C	BC))					
Туре	= 147				Cod	le =	0						(Chec	ksu	m					
	Ident	ifier	r (=	MF	PS)				M	0					Res	erv	ed				
Тур	e = 3			L	eng	gth =	= 4			Pre	efix	Ler	igth	ì	I	Α	R	F	Rese	erve	ed1
							7	Valid	Life	time	е										
							Pr	eferr	ed L	ifeti	me										
								Res	erve	d 2											
					Mo	bile	: Ne	etwo	rk Pr	efix	(12	8 bi	its)								
	Paddin	g (0	-255	i Ву	ytes	;)					Pad	Le	n			Ne	xt I	Тe	ade	r =	58



Authentication Data (variable Len)



$(16)\ ICMP\ unsolicited\ Mobile\ Prefix\ Advertisement\ message\ format\ (ESP)(HA->MR)$

		8					16						2	4							32
Ver = 6	Tra	ffic (Clas	S								Flov	v L	ab	el						
	Pay	load	Ler	ngth					Nex	t He	ade	r = 4	43					Н	op l	Lim	it
			S	Sourc	e Ao	ddro	ess (F	łom	ie Aį	gent	Add	lres	s 12	28	bits	s)					
	D	estir	ıatio	on Ao	ddre	ess ((Care	-of ≀	Add	ress	of N	Mobi	ile l	Ro	ute	r 12	28	bit	s)		
Next He	ader =	50	H	ldr E	xt I	₋en	= 2		Rou	ıting	Ty	pe =	2			S	eg	gme	ent	s Le	eft = 1
								Re	ser	ved											
				Ho	me .	Add	lress	of M	1 obi	le Ro	oute	er (1	28	bit	s)						
				S	ecu		Para						32t	oit))						
						S	eque	nce	nun	nber(32b	it)									
			In	itiali	zati	on '	Vecto	r (6	4 bi	ts, in	cas	se of	DI	ES	-CE	BC)					
Туре	= 147			Co	de :	= 0							(Ch	eck	sur	n				
]	dent	ifie	r				М	C						R	ese	rv	/ed			
Тур	e = 3			Len	gth	ı = 4			P	refix	Ler	ngth	l		L	A :	R		R	ese	rved1
							V	alid	Lif	etim	е										
							Pre	ferr	ed I	Lifeti	me										
								Res	serv	ed2											
					M	obil	e Ne	two	rk P	refix	(12	28 bi	its)								
	Paddi	ng(0	-25	5Byte	e)					Pad	Le	n				N	Jе	xt l	Hea	ıder	= 58



Authentication Data (variable Len)



(11) Binding Error message (HA -> MR)

	8			16					24					32
Ver = 6	Traffic (Class					Flov	v La	abel					
	Payload	Length			Nex	t He	ader	= 13	35		Нор	Lin	nit	
Destinati	on Address	Source Ad								olici	tati	on 1	28 ł	oits)
Payload I	Proto = 59	Hea	der Len	l		MH T	Гуре :	= 7			Res	serv	ed	
	Check	ksum				Sta	tus =	1			Res	serv	ed	
		Home	Address	s of M	lobile	Node	e (128	3 bit	ts)					



5. Functional classification and test priority for individual NEMO nodes

5.1 Functional classification and test priority for HA

5.1.1 Functional classification and test priority for HA in RFC3963

This section describes the operation in Mobile IPv6 and the functional classifications for HA on the basis of the classifications given in section 2.3.

Notes

- "RFC section" gives the corresponding section number in the NEMO RFC referred to in section 2.2.
- "RFC section title" gives the section heading in the NEMO RFC referred to in section 2.2.
- In the column "Test Priority," "A1" indicates Rank A and Priority 1, "A2" indicates Rank-A and Priority 2, and "B" indicates Rank-B and Priority 2.
- In the column "Test PROFILE", "x" indicates that the function is supported.
- "Reason for Classification" gives the reason for the function's classification. A reason is given when Test Priority is "A2," "B," or "C."
- Some functions are common for both HA and MR, which are repeated in section 5.2.1.



No.	RFC Section	RFC Section	Item	Functional Specification	RFC	Function		Supported	Test No.	Confuigration	Reason of TEST Priority
		title Item			Status	al Rank	Priority	Supported	rest ivo.	Confugration	Reason of TEST Thority
1	6.	Home Agent Operation		For a Mobile Router to operate correctly, the Home Agent MUST satisfy all the requirements listed in Section 8.4 of [1].	MUST	A	A1	х			Refer to 8.4 in section 5.1.2 of NEMO(Network Mobility) Test Profile.
2				The Home Agent MUST implement both modes described in Section 5.2 of this document.	MUST	A	Al	X	NEMO-HA. 2. 1. 5. NEMO-HA. 2. 1. 7. NEMO-HA. 2. 1. 8. NEMO-HA. 2. 1. 8. NEMO-HA. 2. 2. 5. NEMO-HA. 2. 2. 6. NEMO-HA. 2. 2. 5. NEMO-HA. 2. 2. 6. NEMO-HA. 2. 2. 6. NEMO-HA. 2. 2. 8. NEMO-HA. 2. 2. 11. NEMO-HA. 2. 2. 12. NEMO-HA. 2. 2. 14. NEMO-HA. 2. 5. 3. NEMO-HA. 2. 5. 4. NEMO-HA. 2. 5. 7. NEMO-HA. 2. 5. 8. NEMO-HA. 2. 6. 7. NEMO-HA. 2. 6. 10. NEMO-HA. 2. 6. 9. NEMO-HA. 2. 6. 11. NEMO-HA. 2. 6. 11. NEMO-HA. 2. 6. 11. NEMO-HA. 2. 6. 11. NEMO-HA. 2. 7. 8. NEMO-HA. 2. 8. 8. NEMO-HA. 2. 8. 9. NEMO-HA. 2. 7. 8. NEMO-HA. 2. 8. 9. NEMO-HA. 2. 8. 10. NEMO-HA. 2. 9. 11. NEMO-HA. 2. 9. 12. NEMO-HA. 2. 9. 12. NEMO-HA. 2. 9. 13. NEMO-HA. 2. 9. 13. NEMO-HA. 2. 9. 14. NEMO-HA. 2. 9. 15. NEMO-HA. 2. 9. 15. NEMO-HA. 2. 10. 11. NEMO-HA. 2. 11. 12. NEMO-HA. 2. 11. 13. NEMO-HA. 2. 11. 14. NEMO-HA. 3. 4. 18. NEMO-HA. 3. 6. 18. NEMO-	Virtual Home link	Accountly) restricting.



lo. R	RFC Section RFC Section title Item	on Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO-HA, 9, 1, 17. NEMO-HA, 9, 1, 18. NEMO HA, 9, 1, 19. NEMO-HA, 9, 1, 20. NEMO HA, 9, 1, 21. NEMO-HA, 9, 1, 24. NEMO-HA, 9, 1, 23. NEMO-HA, 9, 1, 24. NEMO-HA, 9, 1, 27. NEMO-HA, 9, 1, 28. NEMO-HA, 9, 1, 27. NEMO-HA, 9, 1, 30. NEMO-HA, 9, 1, 31. NEMO-HA, 9, 1, 32. NEMO-HA, 9, 1, 31. NEMO-HA, 9, 1, 32. NEMO-HA, 9, 1, 31. NEMO-HA, 9, 1, 32.		
						A2	Х		Virtual Home link, IKE	
								NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA	
									Virtual Home link, Nested mobility(Same HA)	
								NEMO-HA, 1, 1, 5, NEMO-HA, 1, 1, 6, NEMO-HA, 1, 1, 7, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 2, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 3, NEMO-HA, 2, 1, 4, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 2, 2, NEMO-HA, 2, 2, 3, NEMO-HA, 2, 2, 2, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 4, 1, NEMO-HA, 2, 4, 1, NEMO-HA, 2, 4, 2, NEMO-HA, 2, 4, 3, NEMO-HA, 2, 4, 2, 4, NEMO-HA, 2, 4, 3, NEMO-HA, 2, 4, 4, NEMO-HA, 2, 4, 5, NEMO-HA, 2, 4, 6, NEMO-HA, 2, 4, 8, NEMO-HA,	Real Home link	
								NEMO-HA 2,5,1,NEMO-HA, 2,5,2, NEMO-HA 2,5,5,NEMO-HA, 2,5,6, NEMO-HA 2,6,1,NEMO-HA, 2,6,2, NEMO-HA 2,6,3,NEMO-HA, 2,6,2, NEMO-HA, 2,6,3,NEMO-HA, 2,6,6, NEMO-HA, 2,7,1,NEMO-HA, 2,7,2, NEMO-HA, 2,7,1,NEMO-HA, 2,7,2, NEMO-HA, 2,8,1,NEMO-HA, 2,8,2, NEMO-HA, 2,8,3,NEMO-HA, 2,8,4, NEMO-HA, 2,8,1,NEMO-HA, 2,8,4, NEMO-HA, 2,8,1,NEMO-HA, 2,8,6, NEMO-HA, 2,8,1,NEMO-HA, 2,9,2, NEMO-HA, 2,9,1,NEMO-HA, 2,9,4, NEMO-HA, 2,9,1,NEMO-HA, 2,9,4, NEMO-HA, 2,10,3,NEMO-HA, 2,10,4, NEMO-HA, 2,10,3,NEMO-HA, 2,10,4, NEMO-HA, 2,10,3,NEMO-HA, 2,10,4, NEMO-HA, 2,10,3,NEMO-HA, 2,10,4, NEMO-HA, 2,10,5,NEMO-HA, 2,10,4, NEMO-HA, 2,10,5,NEMO-HA, 2,10,4, NEMO-HA, 2,10,5,NEMO-HA, 2,10,4, NEMO-HA, 2,10,1,NEMO-HA, 2,10,4, NEMO-HA, 2,10,1,NEMO-HA, 2,10,4, NEMO-HA, 2,11,1,NEMO-HA, 2,11,2		
								NEMO-HA, 2, 11, 3, NEMO-HA, 2, 11, 4, NEMO-HA, 2, 11, 3, NEMO-HA, 2, 11, 5, NEMO-HA, 2, 11, 8, NEMO-HA, 2, 11, 9, NEMO-HA, 2, 11, 9, NEMO-HA, 2, 12, 1, NEMO-HA, 2, 12, 3, NEMO-HA, 2, 12, 3, NEMO-HA, 2, 12, 1, NEMO-HA, 2, 1		



No.	RFC Section	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST	Supported	Test No.	Confuigration	Reason of TEST Priority
					Status	ai vaik	Thorag		NEMO-HA, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		
									NEMO-HA.5.1.1.NEMO-HA.5.1.2. NEMO-HA.5.1.3.NEMO-HA.5.1.4. NEMO-HA.5.2.3.NEMO-HA.5.2.2. NEMO-HA.5.3.3.NEMO-HA.5.2.4. NEMO-HA.5.3.3.NEMO-HA.5.3.4. NEMO-HA.5.3.5.NEMO-HA.5.3.6. NEMO-HA.5.3.5.NEMO-HA.5.3.6. NEMO-HA.5.4.1.NEMO-HA.5.4.2. NEMO-HA.5.4.7.NEMO-HA.5.4.6. NEMO-HA.5.4.7.NEMO-HA.5.4.8. NEMO-HA.5.4.1.NEMO-HA.5.4.11. NEMO-HA.5.4.11. NEMO-HA.5.4.11.		



No.		RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
									NEMO-HA, 6, 1, 1, 1NEMO-HA, 6, 1, 2, NEMO-HA, 6, 2, 1, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 4, NEMO-HA, 6, 3, 2, NEMO-HA, 6, 4, 2, NEMO-HA, 6, 4, 3, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 2, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 4, NEMO-HA, 6, 5, 5, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, 6, NEMO-HA, 6, 6, 0, NEMO-HA, 6, 6, 6, NEMO-HA, 6, 6, 10, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 7, 1, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 6, NEMO-HA, 6, 7, 6, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 6, NEMO-HA, 6, 7, 8, NEMO-H		
									NEMO-HA_9_1_1.NEMO-HA_9_1_2, NEMO-HA_9_1_3.NEMO-HA_9_1_4, NEMO-HA_9_1_5.NEMO-HA_9_1_6, NEMO-HA_9_1_5.NEMO-HA_9_1_6, NEMO-HA_9_1_9.NEMO-HA_9_1_10, NEMO-HA_9_1_11.NEMO-HA_9_1_12, NEMO-HA_9_1_11.NEMO-HA_9_1_14, NEMO-HA_9_1_13.NEMO-HA_9_1_14, NEMO-HA_9_1_15.NEMO-HA_9_1_16,		
										Real Home link, IKE	
									NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA	
									NEMO-HA, 9, 2, 1.NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 4, NEMO-HA, 9, 2, 3.NEMO-HA, 9, 2, 6, NEMO-HA, 9, 2, 6, NEMO-HA, 9, 2, 6, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEM	Real Home link, Nested mobility(Same HA)	
3	6.1	Data structures	Binding Cache	The Home Agent maintains Binding Cache Entries for each Mobile Router currently registered with the Home Agent. The Binding Cache is a conceptual data structure described in detail in [1]. The Home Agent might need to store the Mobile Network Prefixes associated with a Mobile Router in the corresponding Binding Cache Entry. This is required if the Binding Update that created the Binding Cache Entry contained explicit prefix information. This information can be used later to clean up routes installed in explicit mode, when the Binding Cache Entry is removed, and to maintain the routing table, for instance, should the routes be removed manually. The Home Agent also stores the status of the Mobile Router Flag (R) in the Binding Cache entry.	(do)	A	A1	x	NEMO-HA, 2, 1, 5 NEMO-HA, 2, 1, 7, NEMO-HA, 2, 1, 8, NEMO-HA, 2, 1, 8, NEMO-HA, 2, 2, 11, NEMO-HA, 2, 2, 14, NEMO-HA, 2, 2, 14, NEMO-HA, 2, 5, 4, NEMO-HA, 2, 5, 4, NEMO-HA, 2, 5, 8, NEMO-HA, 2, 6, 10, NEMO-HA, 2, 6, 10, NEMO-HA, 2, 6, 10, NEMO-HA, 2, 6, 11, NEMO-HA, 2, 6, 11, NEMO-HA, 2, 7, 3, NEMO-HA, 2, 7, 3, NEMO-HA, 2, 7, 7, NEMO-HA, 2, 7, 7, NEMO-HA, 2, 7, 7, NEMO-HA, 2, 7, 7, NEMO-HA, 2, 8, 10, NEMO-HA, 2, 8, 10, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 9, 11, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, 11, NEMO-HA, 2, 10, 11, NEMO-HA, 2, 10, 11, NEMO-HA, 2, 11, 14, NEMO-HA, 2, 11, 14, NEMO-HA, 2, 12, 4,	Virtual Home link	
									NEMO-HA_3_1_11.NEMO-HA_3_1_12, NEMO-HA_3_4_18.NEMO-HA_3_4_17, NEMO-HA_3_4_18.NEMO-HA_3_4_19, NEMO-HA_3_4_20,		



No.	RFC Section	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
									NEMO-HA, 5, 1, 5, NEMO-HA, 5, 1, 6, NEMO-HA, 5, 2, 5, NEMO-HA, 5, 2, 6, NEMO-HA, 5, 2, 5, NEMO-HA, 5, 2, 6, NEMO-HA, 5, 2, 7, NEMO-HA, 5, 2, 8, NEMO-HA, 5, 3, NEMO-HA, 5, 3, 10, NEMO-HA, 5, 3, 12, NEMO-HA, 5, 4, 3, NEMO-HA, 5, 4, 12, NEMO-HA, 5, 4, 12, NEMO-HA, 5, 4, 12, NEMO-HA, 5, 4, 14, NEMO-HA, 5, 4, 14, NEMO-HA, 5, 4, 15, NEMO-HA, 5, 4, 16, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 5, 4, NEMO-HA, 5, 5, 6, NEMO-HA, 5, NEMO-HA, 5, 6, NEMO-HA, 5, NEMO-		
									NEMO-HA, 6, 1, 3, NEMO-HA, 6, 1, 4, NEMO-HA, 6, 4, 5, NEMO-HA, 6, 4, 6, NEMO-HA, 6, 4, 7, NEMO-HA, 6, 4, 8, NEMO-HA, 6, 5, NEMO-HA, 6, 5, NEMO-HA, 6, 5, NEMO-HA, 6, 5, NEMO-HA, 6, 6, 13, NEMO-HA, 6, 6, 14, NEMO-HA, 6, 6, 12, NEMO-HA, 6, 6, 15, NEMO-HA, 6, 6, 16, NEMO-HA, 6, 6, 15, NEMO-HA, 6, 6, 18, NEMO-HA, 8, 1, NEMO-HA, 8, NEMO-		
									NEMO-HA_9_1_17.NEMO-HA_9_1_18. NEMO-HA_9_1_19.NEMO-HA_9_1_20. NEMO-HA_9_1_21.NEMO-HA_9_1_22. NEMO-HA_9_1_23.NEMO-HA_9_1_24. NEMO-HA_9_1_25.NEMO-HA_9_1_26. NEMO-HA_9_1_27.NEMO-HA_9_1_28. NEMO-HA_9_1_28.NEMO-HA_9_1_30. NEMO-HA_9_1_31.NEMO-HA_9_1_32.		
							A2	х	NEMO-HA_8_1_2.NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, IKE Virtual Home link, MPS/MPA	
									NEMO-HA, 9, 2, 15 NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17 NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 19 NEMO-HA, 9, 2, 19 NEMO-HA, 9, 2, 21 NEMO-HA, 9, 2, 21 NEMO-HA, 9, 2, 23 NEMO-HA, 9, 2, 25 NEMO-HA, 9, 2, 25 NEMO-HA, 9, 2, 26, NEMO-HA, 9, 2, 27 NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO	Virtual Home link, Network mobility(same HA)	
									NEMO HA. 1.1.5.NEMO HA. 1.1.6. NEMO HA. 1.1.7. NEMO HA. 2.1.1. NEMO HA. 2.1.2. NEMO HA. 2.1.3. NEMO HA. 2.1.4. NEMO HA. 2.1.6.NEMO HA. 2.1.4. NEMO HA. 2.1.6.NEMO HA. 2.1.9. NEMO HA. 2.1.6.NEMO HA. 2.1.9. NEMO HA. 2.2.9.NEMO HA. 2.2.10. NEMO HA. 2.2.3. NEMO HA. 2.2.3. NEMO HA. 2.3.3.	Real Home link	



No.	RFC Section	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO-HA, 2, 7, 1, NEMO-HA, 2, 7, 2, NEMO-HA, 2, 7, 5, NEMO-HA, 2, 7, 5, NEMO-HA, 2, 7, 6, NEMO-HA, 2, 8, 1, NEMO-HA, 2, 8, 1, NEMO-HA, 2, 8, 3, NEMO-HA, 2, 8, 5, NEMO-HA, 2, 9, 3, NEMO-HA, 2, 9, 3, NEMO-HA, 2, 9, 3, NEMO-HA, 2, 9, 3, NEMO-HA, 2, 10, 2, NEMO-HA, 2, 10, 2, NEMO-HA, 2, 10, 2, NEMO-HA, 2, 10, 2, NEMO-HA, 2, 10, 4, NEMO-HA, 2, 10, 4, NEMO-HA, 2, 10, 5, NEMO-HA, 2, 11, 4, NEMO-HA, 2, 12, 1, NEMO-HA		
								NEMO-HA. 3.1, 1. NEMO-HA. 3.1, 2. NEMO-HA. 3.1, 3. NEMO-HA. 3.1, 4. NEMO-HA. 3.1, 5. NEMO-HA. 3.1, 6. NEMO-HA. 3.1, 5. NEMO-HA. 3.1, 6. NEMO-HA. 3.1, 7. NEMO-HA. 3.1, 18. NEMO-HA. 3.1, 19. NEMO-HA. 3.3, 3. NEMO-HA. 3.4, 3. NEMO		
								NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 3, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 7, NEMO-HA, 4, 2, 8, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 12, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, NE		
								NEMO-HA, 4,3,1,NEMO-HA, 4,3,2, NEMO-HA, 4,3,3,NEMO-HA, 4,3,4, NEMO-HA, 4,3,5,NEMO-HA, 4,3,6, NEMO-HA, 4,3,7,NEMO-HA, 4,3,8, NEMO-HA, 4,3,9,NEMO-HA, 4,3,10, NEMO-HA, 4,3,11,NEMO-HA, 4,3,14, NEMO-HA, 4,3,15,NEMO-HA, 4,3,14, NEMO-HA, 4,3,15,NEMO-HA, 4,2,2, NEMO-HA, 4,3,1,NEMO-HA, 4,4,2,2, NEMO-HA, 4,4,5,NEMO-HA, 4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4		



No.	RFC Section	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
					Status	ai Maiik	Phoney		NEMO-HA, 5,1,1,NEMO-HA, 5,1,2, NEMO-HA, 5,1,3,NEMO-HA, 5,1,4, NEMO-HA, 5,2,1,NEMO-HA, 5,2,2, NEMO-HA, 5,2,3,NEMO-HA, 5,2,4, NEMO-HA, 5,3,3,NEMO-HA, 5,3,4, NEMO-HA, 5,3,5,NEMO-HA, 5,3,6, NEMO-HA, 5,3,5,NEMO-HA, 5,4,6, NEMO-HA, 5,4,1,NEMO-HA, 5,4,6, NEMO-HA, 5,4,1,NEMO-HA, 5,4,6, NEMO-HA, 5,4,1,NEMO-HA, 5,4,6, NEMO-HA, 5,4,1,NEMO-HA, 5,4,8, NEMO-HA, 5,4,9,NEMO-HA, 5,4,10, NEMO-HA, 5,4,11,NEMO-HA, 5,5,1,10, NEMO-HA, 5,5,1,NEMO-HA, 5,5,3, NEMO-HA, 5,5,1,NEMO-HA, 5,5,3,		
									NEMO-HA, 6, 1, 1, NEMO-HA, 6, 1, 2, NEMO-HA, 6, 2, 1, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 4, NEMO-HA, 6, 4, 4, 1, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 4, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 6, 2, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, NEMO-HA, 6, 6, NEMO-HA, 6, 6, 0, NEMO-HA, 6, 6, 1, NEMO-HA, 6, 7, 8, NEMO-HA, 6, 7, 6, NEMO-HA,		
									NEMO-HA, 9,1,1,NEMO-HA, 9,1,2, NEMO-HA, 9,1,3,NEMO-HA, 9,1,4, NEMO-HA, 9,1,5,NEMO-HA, 9,1,6, NEMO-HA, 9,1,7,NEMO-HA, 9,1,8, NEMO-HA, 9,1,1,0,NEMO-HA, 9,1,10, NEMO-HA, 9,1,1,1,NEMO-HA, 9,1,12, NEMO-HA, 9,1,1,1,NEMO-HA, 9,1,14, NEMO-HA, 9,1,15,NEMO-HA, 9,1,16,		
									NEMO-HA_8_1_15, NEMO-HA_9_2_1,NEMO-HA_9_2_2,	Real Home link, IKE Real Home link, MPS/MPA Real Home link, Network mobility(same	
									NEMO-HA_9_2_7.NEMO-HA_9_2_8, NEMO-HA_9_2_9.NEMO-HA_9_2_10, NEMO-HA_9_2_11.NEMO-HA_9_2_12, NEMO-HA_9_2_13.NEMO-HA_9_2_14,	HA)	
4			Prefix Table	The Home Agent SHOULD be able to prevent a Mobile Router from claiming Mobile Network Prefixes belonging to another Mobile Router.	SHOULD	A	A1	х	NEMO-HA 2.1, 5.NEMO-HA 2.1, 17. NEMO-HA 2.1, 18. NEMO-HA 2.2, 4.NEMO-HA 2.2, 5. NEMO-HA 2.2, 11.NEMO-HA 2.2, 12. NEMO-HA 2.2, 14. NEMO-HA 2.5, 7.NEMO-HA 2.5, 4. NEMO-HA 2.5, 7.NEMO-HA 2.5, 8. NEMO-HA 2.6, 9.NEMO-HA 2.6, 10. NEMO-HA 2.6, 9.NEMO-HA 2.6, 10. NEMO-HA 2.6, 9.NEMO-HA 2.6, 10. NEMO-HA 2.6, 11.NEMO-HA 2.6, 12.	Virtual Home link	Prefix table



No.	RFC Section	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
					Status	ai Kalik	Thority		NEMO HA 2 8, 7. NEMO HA 2 8, 8. NEMO HA 2 8, 9. NEMO HA 2 8, 10. NEMO HA 2 8, 11. NEMO HA 2 8, 12. NEMO HA 2 18, 11. NEMO HA 2 10, 10. NEMO HA 2 10, 10. NEMO HA 2 10, 10. NEMO HA 2 10, 11. NEMO HA 2 10, 11. NEMO HA 2 11, 11. NEM		
									NEMO-HA, 2, 7, 3, NEMO-HA, 2, 7, 4, NEMO-HA, 2, 7, 7, NEMO-HA, 2, 7, 8, NEMO-HA, 2, 8, 18, NEMO-HA, 2, 8, 9, NEMO-HA, 2, 8, 9, NEMO-HA, 2, 8, 9, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 9, 11, NEMO-HA, 2, 9, 11, NEMO-HA, 2, 9, 13, NEMO-HA, 2, 9, 14, NEMO-HA, 2, 10, 8, NEMO-HA, 2, 10, 9, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, 11, NEMO-HA, 2, 10, 11, NEMO-HA, 2, 10, 11, NEMO-HA, 2, 11, 14, NEMO-HA,		
									NEMO-HA, 3, 1, 11.NEMO-HA, 3, 1, 12, NEMO-HA, 3, 4, 18, NEMO-HA, 3, 4, 19, NEMO-HA, 3, 4, 19, NEMO-HA, 3, 4, 20, NEMO-HA, 5, 1, 6, NEMO-HA, 5, 1, 7, NEMO-HA, 5, 1, 7, NEMO-HA, 5, 2, 7, NEMO-HA, 5, 2, 7, NEMO-HA, 5, 2, 8, NEMO-HA, 5, 3, 10, NEMO-HA, 5, 3, 10, NEMO-HA, 5, 3, 10, NEMO-HA, 5, 3, 12, NEMO-HA, 5, 4, 12, NEMO-HA, 5, 4, 12, NEMO-HA, 5, 4, 15, NEMO-HA, 5, 4, 16, NEMO-HA, 5, 4, 17, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 5, 6, NEMO-HA, 5, NEMO-HA, 5, NEMO-HA, 5, NEMO-HA, 5, NEM		
									NEMO-HA, 6, 1, 3, NEMO-HA, 6, 1, 4, NEMO-HA, 6, 4, 5, NEMO-HA, 6, 4, 6, NEMO-HA, 6, 4, 7, NEMO-HA, 6, 6, 4, 8, NEMO-HA, 6, 5, 7, NEMO-HA, 6, 5, 7, NEMO-HA, 6, 5, 7, NEMO-HA, 6, 6, 13, NEMO-HA, 6, 6, 14, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 7, NEMO-HA, 6, 7, NEMO-HA, 6, 7, NEMO-HA, 8, 1, 7, NEMO-HA, 8, 1, 8, NEMO-HA, 8, 1, 8, NEMO-HA, 8, 1, 8, NEMO-HA, 8, 1, 8, NEMO-HA, 8, 1, 16, NEMO-HA, 8, 16,		
							A2			Virtual Home link, IKE	



No.	RFC Section	Item	Functional Specification	RFC	Function	TEST	G	The state		D CEPTOTE D. L
	title Item			Status	al Rank	Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA	
									Virtual Home link, Network mobility(same HA)	
								NEMO-HA, 1.1, 5.NEMO-HA, 1.1, 6. NEMO-HA, 1.1, 7. NEMO-HA, 2.1, 1.NEMO-HA, 2.1, 2. NEMO-HA, 2.1, 3.NEMO-HA, 2.1, 4. NEMO-HA, 2.1, 3.NEMO-HA, 2.1, 4. NEMO-HA, 2.1, 1.NEMO-HA, 2.1, 5. NEMO-HA, 2.2, 1.NEMO-HA, 2.2, 2. NEMO-HA, 2.2, 9.NEMO-HA, 2.2, 2. NEMO-HA, 2.2, 9.NEMO-HA, 2.2, 10. NEMO-HA, 2.3, 1.NEMO-HA, 2.3, 4. NEMO-HA, 2.3, 1.NEMO-HA, 2.3, 4. NEMO-HA, 2.4, 1.NEMO-HA, 2.4, 4. NEMO-HA, 2.4, 5.NEMO-HA, 2.4, 4. NEMO-HA, 2.5, 5.NEMO-HA, 2.5, 5. NEMO-HA, 2.5, 5.NEMO-HA, 2.5, 5.	Real Home link	
								NEMO-HA, 2, 6, 1. NEMO-HA, 2, 6, 2, NEMO-HA, 2, 6, 3. NEMO-HA, 2, 6, 6, NEMO-HA, 2, 6, 6, NEMO-HA, 2, 6, 6, NEMO-HA, 2, 7, 1. NEMO-HA, 2, 7, 2. NEMO-HA, 2, 7, 5. NEMO-HA, 2, 7, 6, NEMO-HA, 2, 8, 2. NEMO-HA, 2, 8, 3. NEMO-HA, 2, 8, 4. NEMO-HA, 2, 8, 5. NEMO-HA, 2, 8, 5. NEMO-HA, 2, 8, 1. NEMO-HA, 2, 8, 2, 1. NEMO-HA, 2, 8, 1. NEMO-HA, 2, 9, 1. NEMO-HA, 2, 9, 2, 1. NEMO-HA, 2, 9, 2.		
								NEMO-HA. 2.9.3.NEMO-HA. 2.9.4. NEMO-HA. 2.9.5. NEMO-HA. 2.10.1.NEMO-HA. 2.10.2. NEMO-HA. 2.10.3.NEMO-HA. 2.10.4. NEMO-HA. 2.10.3.NEMO-HA. 2.10.4. NEMO-HA. 2.11.1.NEMO-HA. 2.11.4. NEMO-HA. 2.11.1.NEMO-HA. 2.11.4. NEMO-HA. 2.11.7.NEMO-HA. 2.11.8. NEMO-HA. 2.11.7.NEMO-HA. 2.11.8.		
								NEMO-HA, 3, 1, 1, NEMO-HA, 3, 1, 2, NEMO-HA, 3, 1, 3, NEMO-HA, 3, 1, 4, NEMO-HA, 3, 1, 5, NEMO-HA, 3, 1, 10, NEMO-HA, 3, 3, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4,		



No.	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank		Supported	Test No.	Confuigration	Reason of TEST Priority
	de len			Status	ai Kank	Priority		NEMO-HA_4_2_1. NEMO-HA_4_2_2. NEMO-HA_4_2_3. NEMO-HA_4_2_4. NEMO-HA_4_2_5. NEMO-HA_4_2_6. NEMO-HA_4_2_7. NEMO-HA_4_2_10. NEMO-HA_4_2_1. NEMO-HA_4_2_11. NEMO-HA_4_2_1. SAMEMO-HA_4_2_14.		·
								NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, 2, NEMO-HA, 4, 3, 3, NEMO-HA, 4, 3, 4, NEMO-HA, 4, 3, 7, NEMO-HA, 4, 3, 6, NEMO-HA, 4, 3, 7, NEMO-HA, 4, 3, 8, NEMO-HA, 4, 3, 1, 11, NEMO-HA, 4, 3, 12,		
								NEMO-HA, 4, 3, 13.NEMO-HA, 4, 3, 14, NEMO-HA, 4, 3, 15.NEMO-HA, 4, 3, 16.NEMO-HA, 4, 4, 4, 2, NEMO-HA, 4, 4, 4, 2, NEMO-HA, 4, 4, 5, NEMO-HA, 4, 4, 5, NEMO-HA, 4, 4, 7, NEMO-HA, 4, 4, 9, NEMO-HA, 4, 4, 9, NEMO-HA, 4, 4, 13, NEMO-HA, 4, 4, 14, NEMO-HA, 4, 4, 14, 14, 14, 14, 14, 14, 14, 14,		
								NEMO-HA_5_1_1.NEMO-HA_5_1_2. NEMO-HA_5_1_3.NEMO-HA_5_1_4. NEMO-HA_5_2_1.NEMO-HA_5_2_2. NEMO-HA_5_2_3.NEMO-HA_5_2_4. NEMO-HA_5_3_1.NEMO-HA_5_3_4. NEMO-HA_5_3_3.NEMO-HA_5_3_6. NEMO-HA_5_3_5.NEMO-HA_5_4_6. NEMO-HA_5_4_7.NEMO-HA_5_4_8. NEMO-HA_5_4_7.NEMO-HA_5_4_8. NEMO-HA_5_4_4.		
								NEMO-HA_6_5_1.NEMO-HA_5_5_3, NEMO-HA_6_1_1.NEMO-HA_6_1_2, NEMO-HA_6_2_1.NEMO-HA_6_2_2, NEMO-HA_6_2_1.NEMO-HA_6_2_2, NEMO-HA_6_4_1.NEMO-HA_6_4_2, NEMO-HA_6_4_3.NEMO-HA_6_4_2, NEMO-HA_6_5_1.NEMO-HA_6_5_2,		
								NEMO-HA, 6,5,1, INEMO-HA, 6,5,2, NEMO-HA, 6,6,3, NEMO-HA, 6,6,6, NEMO-HA, 6,6,7, NEMO-HA, 6,6,6, NEMO-HA, 6,6,9, NEMO-HA, 6,6,8, NEMO-HA, 6,6,9, NEMO-HA, 6,6,10, NEMO-HA, 6,7,1, NEMO-HA, 6,7,3, NEMO-HA, 6,7,1, NEMO-HA, 6,7,6,		
								NEMO-HA_9_1_1. NEMO-HA_9_1_2. NEMO-HA_9_1_3. NEMO-HA_9_1_4. NEMO-HA_9_1_5. NEMO-HA_9_1_6. NEMO-HA_9_1. 7. NEMO-HA_9_1_8. NEMO-HA_9_1. 9. NEMO-HA_9_1_10. NEMO-HA_9_1_11. NEMO-HA_9_1_12. NEMO-HA_9_1_13. NEMO-HA_9_1_14. NEMO-HA_9_1_15. NEMO-HA_9_1_16.		
								NEMO-HA_8_1_1.NEMO-HA_8_1_7. NEMO-HA_8_1_15.	Real Home link, IKE Real Home link, MPS/MPA	



No.	RFC Section RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO-HA, 9, 2, 1, NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 9, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, NEMO-HA, 9, NEMO-H	Real Home link, Network mobility(same HA)	
5			The Home Agent can prevent such attacks if it maintains a Prefix Table and verifies the Prefix information provided by the Mobile Router against Prefix Table entries.	(do)	A	A1		NEMO-HA, 2, 1, 5, NEMO-HA, 2, 1, 7, NEMO-HA, 2, 1, 8, 18MO-HA, 2, 2, 4, NEMO-HA, 2, 2, 12, NEMO-HA, 2, 2, 14, NEMO-HA, 2, 2, 14, NEMO-HA, 2, 2, 14, NEMO-HA, 2, 5, 14, NEMO-HA, 2, 5, 7, NEMO-HA, 2, 5, 7, NEMO-HA, 2, 6, 10, NEMO-HA, 2, 6, 9, NEMO-HA, 2, 6, 10, NEMO-HA, 2, 6, 11, NEMO-HA, 2, 8, 18, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 18, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 10, NEMO-HA, 2, 10, 11, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, NEMO-HA, 2, 10, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, 10, NEMO-HA, 2, N	Virtual Home link	Prefix table
								NEMO HA 2.10, 11.NEMO HA 2.10, 12. NEMO HA 2.11, 11.NEMO HA 2.11, 15. NEMO HA 2.11, 17. NEMO HA 2.11, 18.NEMO HA 2.11, 19. NEMO HA 2.11, 18.NEMO HA 2.11, 19. NEMO HA 2.7, 3.NEMO HA 2.7, 4. NEMO HA 2.7, 7.NEMO HA 2.7, 8. NEMO HA 2.8, 7.NEMO HA 2.8, 8. NEMO HA 2.8, 11.NEMO HA 2.8, 10.		
								NEMO-HA, 2,9,11,NEMO-HA, 2,9,12, NEMO-HA, 2,9,13,NEMO-HA, 2,9,14, NEMO-HA, 2,9,15, NEMO-HA, 2,10, S.NEMO-HA, 2,10,9, NEMO-HA, 2,10,10,NEMO-HA, 2,10,11, NEMO-HA, 2,10,12, NEMO-HA, 2,11,14, NEMO-HA, 3,1,11,NEMO-HA, 3,1,12, NEMO-HA, 3,4,16,NEMO-HA, 3,4,17, NEMO-HA, 3,4,16,NEMO-HA, 3,4,17,		
								NEMO-HA, 3.4, 18, NEMO-HA, 3.4, 19, NEMO-HA, 3.4, 2, 5, NEMO-HA, 5.1, 6, NEMO-HA, 5.1, 7, NEMO-HA, 5.1, 7, NEMO-HA, 5.2, 5, NEMO-HA, 5.2, 8, NEMO-HA, 5.2, 7, NEMO-HA, 5.2, 8, NEMO-HA, 5.3, 10, NEMO-HA, 5.3, 12, NEMO-HA, 5.4, 12, NEMO-HA, 5.4, 12, NEMO-HA, 5.4, 12, NEMO-HA, 5.4, 14, NEMO-HA, 5.4, 16, NEMO-HA, 5.4, 16, NEMO-HA, 5.4, 17, NEMO-HA, 5.4, 18, NEMO-HA, 5.5, 6, NEMO-HA, 5.5, NEMO-HA, 5.5, 6, NEMO-		



No.	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO-HA, 6, 1, 3, NEMO-HA, 6, 1, 4, NEMO-HA, 6, 4, 6, NEMO-HA, 6, 4, 6, NEMO-HA, 6, 4, 7, NEMO-HA, 6, 4, 8, NEMO-HA, 6, 5, 5, NEMO-HA, 6, 5, 6, NEMO-HA, 6, 5, 5, NEMO-HA, 6, 6, 13, NEMO-HA, 6, 6, 14, NEMO-HA, 6, 6, 15, NEMO-HA, 6, 6, 16, NEMO-HA, 6, 6, 16, NEMO-HA, 6, 6, 17, NEMO-HA, 6, 6, 17, NEMO-HA, 6, 18, NEMO-HA, 6, 18, NEMO-HA, 6, 18, NEMO-HA, 8, 118, NEMO-HA, 8, 118, NEMO-HA, 8, 116, NEMO-HA, 8, 118, NEMO-HA, 8, 116, NEMO-HA, 8		
								NEMO-HA. 9.1.17.NEMO-HA. 9.1.18. NEMO-HA. 9.1.21.NEMO-HA. 9.1.20. NEMO-HA. 9.1.21.NEMO-HA. 9.1.22. NEMO-HA. 9.1.23.NEMO-HA. 9.1.24. NEMO-HA. 9.1.25.NEMO-HA. 9.1.26. NEMO-HA. 9.1.27.NEMO-HA. 9.1.28. NEMO-HA. 9.1.28.		
						A2	х	NEMO-HA_8_1_2,NEMO-HA_8_1_8,	Virtual Home link, IKE Virtual Home link,	
								NEMO-HA, 8, 1, 16. NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 16. NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 20. NEMO-HA, 9, 2, 19, NEMO-HA, 9, 2, 20. NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 22. NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 24. NEMO-HA, 9, 2, 25, NEMO-HA, 9, 2, 26. NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28.	MPS/MPA Virtual Home link, Network mobility(same HA)	
								NEMO-HA, 1, 1, 5, NEMO-HA, 1, 1, 6, NEMO-HA, 1, 1, 7, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 2, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 2, 3, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 4, 1, NEMO-HA, 2, 4, 1, NEMO-HA, 2, 4, 2, NEMO-HA, 2, 5, NEMO-HA, 2, 5, NEMO-HA, 2, 5, NEMO-HA, 2, 5, NEMO-HA, 2, 6, 3, NEMO-HA, 2, 6, 3, NEMO-HA, 2, 6, 8, NEMO-HA, 2, 6, 3, NEMO-HA, 2, 6, 8, NEMO-HA, 2, 6, 3, NEMO-HA, 2, 6, 8, NEMO-HA, 2, 6, 6, NEMO-HA, 2, 6, NEMO-HA, 2, 6, 8, NEMO-HA,	Real Home link	



	Item	Functional Specification	RFC	Function	TEST	C 1	Trans Ni	C. C. L.	D CERCE D
title Item			Status			Supported	Test No.	Confugration	Reason of TEST Priority
							NEMO-HA. 2, 7, 1.NEMO-HA. 2, 7, 2, NEMO-HA. 2, 7, 5, NEMO-HA. 2, 7, 6, NEMO-HA. 2, 8, 1, NEMO-HA. 2, 8, 2, NEMO-HA. 2, 8, 1, NEMO-HA. 2, 8, 3, NEMO-HA. 2, 8, 2, NEMO-HA. 2, 8, 5, NEMO-HA. 2, 9, 1, NEMO-HA. 2, 9, 3, NEMO-HA. 2, 9, 2, NEMO-HA. 2, 10, 1, NEMO-HA. 2, 11, 5, NEMO-HA. 2, 11, 7, NEMO-HA. 2, 11, 8, NEMO-HA. 2, 11, 7, NEMO-HA. 2, 11, 8, NEMO-HA. 2, 11, 9, NEMO-HA.		
							NEMO-HA_3_1_5.NEMO-HA_3_1_6, NEMO-HA_3_1_7.NEMO-HA_3_1_8, NEMO-HA_3_1_9.NEMO-HA_3_1_10, NEMO-HA_3_3_1.NEMO-HA_3_3_2, NEMO-HA_3_3_3.NEMO-HA_3_3_4,		
							NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 3, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 7, NEMO-HA, 4, 2, 9, NEMO-HA, 4, 2, 10, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 12, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16		
							NEMO-HA, 4, 3, 3.NEMO-HA, 4, 3, 4, NEMO-HA, 4, 3, 6, NEMO-HA, 4, 3, 6, NEMO-HA, 4, 3, 6, NEMO-HA, 4, 3, 10, NEMO-HA, 4, 3, 10, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 15, NEMO-HA, 4, 3, 14, NEMO-HA, 4, 1, 14, NEMO-HA, 4, 1, 1, NEMO-HA, 4, 1, 1, NEMO-HA, 4, 1, 1, NEMO-HA, 4, 4, 1, NEMO-HA, 4, 4, 4, 8, NEMO-HA, 4, 4, 4, 4, 6, NEMO-HA, 4, 4, 4, 6, NEMO-HA, 4, 4, 4, 6, NEMO-HA, 4, 4, 8, NEMO-HA, 4, 4, 8, NEMO-HA, 4, 4, 8, NEMO-HA, 4, 4, 8, NEMO-HA, 4, 4, 8, NEMO-HA, 4, 8, NE		
	FC Section title Item						title Item Status al Rank Priority Supported.	### Status A Rank Priority Supported Test No.	Utile Temp



No.	RFC Section RFC Section	Item	Functional Specification	RFC	Function	TEST				
	title Item		- Formation	Status	al Rank		Supported	Test No.	Confuigration	Reason of TEST Priority
						, and the second		NEMO-HA, 5, 1, 1, NEMO-HA, 5, 1, 2, NEMO-HA, 5, 1, 3, NEMO-HA, 5, 1, 4, NEMO-HA, 5, 2, 1, NEMO-HA, 5, 2, 1, NEMO-HA, 5, 2, 2, NEMO-HA, 5, 2, 3, NEMO-HA, 5, 3, 4, NEMO-HA, 5, 3, 5, NEMO-HA, 5, 3, 8, NEMO-HA, 5, 3, 8, NEMO-HA, 5, 3, 8, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 1, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 3, NEMO-H		
								NEMO-HA, 6, 1, 1, NEMO-HA, 6, 1, 2, NEMO-HA, 6, 2, 1, NEMO-HA, 6, 2, 2, 1, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 3, NEMO-HA, 6, 2, 4, NEMO-HA, 6, 4, 3, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 4, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 6, 8, NEMO-HA, 6, 6, 9, NEMO-HA, 6, 6, 10, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 7, 1, NEMO-HA, 6, 7, 3, NEMO-HA, 6, 7, 6, NEMO-		
								NEMO-HA_9_1_1.NEMO-HA_9_1_2, NEMO-HA_9_1_3.NEMO-HA_9_1_4, NEMO-HA_9_1_5.NEMO-HA_9_1_6, NEMO-HA_9_1_7.NEMO-HA_9_1_6, NEMO-HA_9_1_1.NEMO-HA_9_1_10, NEMO-HA_9_1_1.NEMO-HA_9_1_12, NEMO-HA_9_1_13.NEMO-HA_9_1_14, NEMO-HA_9_1_15.NEMO-HA_9_1_16,		
								NEMO-HA, 8, 1, 1, NEMO-HA, 8, 1, 7, NEMO-HA, 8, 1, 15, NEMO-HA, 9, 2, 1, NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 4, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 8, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14,	Real Home link, IKE Real Home link, MPS/MPA Real Home link, Network mobility(same HA)	
6			The Prefix Table SHOULD be used by the Home Agent when it processes a Binding Update in explicit mode.	SHOULD	A	A1	х	NEMO-HA, 2, 1, 5, NEMO-HA, 2, 1, 7, NEMO-HA, 2, 1, 8, NEMO-HA, 2, 2, 4, NEMO-HA, 2, 2, 5, NEMO-HA, 2, 2, 11, NEMO-HA, 2, 2, 11, NEMO-HA, 2, 2, 14, NEMO-HA, 2, 5, 4, NEMO-HA, 2, 5, 4, NEMO-HA, 2, 5, 7, NEMO-HA, 2, 5, 8, NEMO-HA, 2, 6, 7, NEMO-HA, 2, 6, 10, NEMO-HA, 2, 6, 11, NEMO	Virtual Home link	Prefix table



No.	RFC Section	Item	Functional Specification	RFC	Function	TEST	Command 1	T+ N-	Carefrienatio	Decree of TECT Date to
	title Item			Status	al Rank	Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO-HA, 2, 8, 7, NEMO-HA, 2, 8, 8, NEMO-HA, 2, 8, 9, NEMO-HA, 2, 8, 10, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 12, 11, NEMO-HA, 2, 10, 12, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, 11, NEMO-HA, 2, 10, 11, NEMO-HA, 2, 11, 11, NEMO-HA, 2, 11, 15, NEMO-HA, 2, 11, 11, NEMO-HA, 2, 11		
								NEMO-HA, 2, 7, 3, NEMO-HA, 2, 7, 4, NEMO-HA, 2, 7, 7, NEMO-HA, 2, 7, 8, NEMO-HA, 2, 8, 8, NEMO-HA, 2, 8, 9, NEMO-HA, 2, 8, 9, NEMO-HA, 2, 8, 9, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 9, 11, NEMO-HA, 2, 9, 11, NEMO-HA, 2, 9, 13, NEMO-HA, 2, 9, 14, NEMO-HA, 2, 9, 15, NEMO-HA, 2, 10, 8, NEMO-HA, 2, 10, 9, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, 11, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, 11, NEMO-HA, 2, 10, 11, NEMO-HA, 2, 10, 12, NEMO-HA, 2, 11, 14, NEMO-HA, 2,		
								NEMO-HA_3_1_11.NEMO-HA_3_1_12. NEMO-HA_3_4_16.NEMO-HA_3_4_17. NEMO-HA_3_4_18.NEMO-HA_3_4_19. NEMO-HA_3_4_20.		
								NEMO HA, 5.1, 5.NEMO HA, 5.1, 6. NEMO HA, 3.1, 7. NEMO HA, 5.2, 5.NEMO HA, 5, 2, 6. NEMO HA, 5.2, 7.NEMO HA, 5, 2, 8. NEMO HA, 5.3, 9.NEMO HA, 5.3, 10. NEMO HA, 5.3, 12. NEMO HA, 5.4, 12.NEMO HA, 5, 4, 13. NEMO HA, 5.4, 14.NEMO HA, 5, 4, 15. NEMO HA, 5.4, 14.NEMO HA, 5, 4, 17. NEMO HA, 5.4, 18. NEMO HA, 5.4, 18. NEMO HA, 5.4, 18.		
								NEMO-HA, 6, 1, 3, NEMO-HA, 6, 1, 4, NEMO-HA, 6, 4, 5, NEMO-HA, 6, 4, 6, NEMO-HA, 6, 4, 7, NEMO-HA, 6, 4, 8, NEMO-HA, 6, 5, NEMO-HA, 6, 5, NEMO-HA, 6, 5, S, NEMO-HA, 6, 5, 8, NEMO-HA, 6, 6, 12, NEMO-HA, 6, 6, 13, NEMO-HA, 6, 6, 16, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 7, NEMO-HA, 8, 1, 2, NEMO-HA, 8, 1, 2, NEMO-HA, 8, 1, 8, NEMO-HA, 8, 1, 16, NEMO-HA, 8, 16, NEMO-HA,		
								NEMO-HA. 9.1.17.NEMO-HA. 9.1.18. NEMO-HA. 9.1.21.NEMO-HA. 9.1.20. NEMO-HA. 9.1.21.NEMO-HA. 9.1.24. NEMO-HA. 9.1.23.NEMO-HA. 9.1.24. NEMO-HA. 9.1.25.NEMO-HA. 9.1.26. NEMO-HA. 9.1.27.NEMO-HA. 9.1.28. NEMO-HA. 9.1.28.		
						A2	х		Virtual Home link, IKE	



No.	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA	
								NEMO-HA, 9, 2, 15. NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17. NEMO-HA, 9, 2, 18. NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 21. NEMO-HA, 9, 2, 22. NEMO-HA, 9, 2, 23. NEMO-HA, 9, 2, 24. NEMO-HA, 9, 2, 25. NEMO-HA, 9, 2, 28. NEMO-HA, 9, 2, 27. NEMO-HA, 9, 2, 28.	Virtual Home link, Network mobility(same HA)	
								NEMO HA, 1, 1, 5.NEMO HA, 1, 1, 6. NEMO HA, 2, 7, 1.NEMO HA, 2, 7, 2. NEMO HA, 2, 7, 1.NEMO HA, 2, 7, 2. NEMO HA, 2, 7, 5.NEMO HA, 2, 7, 6. NEMO HA, 2, 8, 1.NEMO HA, 2, 8, 2. NEMO HA, 2, 8, 3.NEMO HA, 2, 8, 2. NEMO HA, 2, 8, 1.NEMO HA, 2, 8, 4. NEMO HA, 2, 9, 1.NEMO HA, 2, 9, 2. NEMO HA, 2, 9, 1.NEMO HA, 2, 9, 2. NEMO HA, 2, 9, 1.NEMO HA, 2, 9, 2. NEMO HA, 2, 9, 1.NEMO HA, 2, 10, 2. NEMO HA, 2, 10, 3.NEMO HA, 2, 10, 4. NEMO HA, 2, 10, 3.NEMO HA, 2, 10, 4. NEMO HA, 2, 11, 3.NEMO HA, 2, 11, 4. NEMO HA, 2, 11, 1.NEMO HA, 2, 11, 4. NEMO HA, 2, 11, 1.NEMO HA, 2, 11, 4. NEMO HA, 2, 11, 1.NEMO HA, 2, 11, 8. NEMO HA, 2, 11, 1.NEMO HA, 2, 11, 8. NEMO HA, 2, 11, 1.NEMO HA, 2, 11, 8. NEMO HA, 2, 11, 7.NEMO HA, 2, 11, 8.	Real Home link	
								NEMO HA 3.1.1.NEMO HA 3.1.2. NEMO HA 3.1.3.NEMO HA 3.1.4. NEMO HA 3.1.5.NEMO HA 3.1.6. NEMO HA 3.1.7.NEMO HA 3.1.6. NEMO HA 3.1.7.NEMO HA 3.1.8. NEMO HA 3.1.9.NEMO HA 3.1.10. NEMO HA 3.3.NEMO HA 3.3.2. NEMO HA 3.3.NEMO HA 3.3.4. NEMO HA 3.3.7.NEMO HA 3.3.6. NEMO HA 3.3.7.NEMO HA 3.3.8. NEMO HA 3.3.7.NEMO HA 3.3.8. NEMO HA 3.4.3.NEMO HA 3.4.2. NEMO HA 3.4.7.NEMO HA 3.4.2. NEMO HA 3.4.7.NEMO HA 3.4.6. NEMO HA 3.4.1.NEMO HA 3.4.1.		
								NEMO HA. 4.2.1. NEMO HA. 4.2.2. NEMO HA. 4.2.3. NEMO HA. 4.2.4. NEMO HA. 4.2.5. NEMO HA. 4.2.6. NEMO HA. 4.2.6. NEMO HA. 4.2.6. NEMO HA. 4.2.6. NEMO HA. 4.2.9. NEMO HA. 4.2.9. NEMO HA. 4.2.1. NEMO HA. 4.2.1. INEMO HA. 4.2.1. INEMO HA. 4.2.13. NEMO HA. 4.2.13. NEMO HA. 4.2.13. NEMO HA. 4.2.14. NEMO HA. 4.2.15. NEMO HA. 4.2.15. NEMO HA. 4.2.16.		



No.	RFC Section	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank		Supported	Test No.	Confuigration	Reason of TEST Priority
									NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, 2, NEMO-HA, 4, 3, 3, NEMO-HA, 4, 3, 4, NEMO-HA, 4, 3, 6, NEMO-HA, 4, 3, 6, NEMO-HA, 4, 3, 7, NEMO-HA, 4, 3, 10, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 13, NEMO-HA, 4, 3, 14, NEMO-HA, 4, 13, 15, NEMO-HA, 4, 3, 14, NEMO-HA, 4, 11, NEMO-HA, 4, 11, NEMO-HA, 4, 4, 11, NEMO-HA, 4, 4, 12, NEMO-HA, 4, 4, 7, NEMO-HA, 4, 4, 4, 8, NEMO-HA, 4, 4, 7, NEMO-HA, 4, 4, 13, NEMO-HA, 4, 4, 4, 13, NEMO-HA, 4, 4, 4, 13, NEMO-HA, 4, 4, 13, NEMO-HA, 4, 4, 13, NEMO-HA, 4, 4, 13, NEMO-HA, 4, 4, 15, NEMO-HA, 4, 4, 4, 15, NEMO-HA, 4, 4, 4, 15, NEMO-HA, 4, 4		
									NEMO-HA. 5. 1. 1. NEMO-HA. 5. 1. 2. NEMO-HA. 5. 1. 1. NEMO-HA. 5. 1. 4. NEMO-HA. 5. 1. 4. NEMO-HA. 5. 1. 4. NEMO-HA. 5. 2. 2. NEMO-HA. 5. 2. 2. NEMO-HA. 5. 2. 2. NEMO-HA. 5. 2. 3. NEMO-HA. 5. 3. 4. NEMO-HA. 5. 3. 4. NEMO-HA. 5. 3. 8. NEMO-HA. 5. 3. 6. NEMO-HA. 5. 3. 8. NEMO-HA. 5. 3. 6. NEMO-HA. 5. 4. 8. NEMO-HA. 5. 4. 8. NEMO-HA. 5. 4. 8. NEMO-HA. 5. 4. 9. NEMO-HA. 5. 5. 3. NEMO-HA. 5. 5. 3.		
									NEMO-HA, 6, 1, 1, NEMO-HA, 6, 1, 2, NEMO-HA, 6, 2, 1, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 4, NEMO-HA, 6, 3, NEMO-HA, 6, 4, 2, NEMO-HA, 6, 4, 3, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 2, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 6, 6, NEMO-HA, 6, 6, 7, NEMO-HA, 6, 6, 1, NEMO-HA, 6, 7, 1, NEMO-HA, 6, 7, 3, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 6, 6, 1, 1, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 6, 6, 1, 1, NEMO-HA, 6, 7, 6, 1, 1, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 6, 6, 1, 1, NEMO-HA, 6, 7, 1,		
									NEMO-HA_9_1_1.NEMO-HA_9_1_2,	Real Home link, IKE	
									NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA	
									NEMO HA, 9, 2, 1.NEMO HA, 9, 2, 2, NEMO HA, 9, 2, 3.NEMO HA, 9, 2, 4. NEMO HA, 9, 2, 5.NEMO HA, 9, 2, 6. NEMO HA, 9, 2, 5.NEMO HA, 9, 2, 7.NEMO HA, 9, 2, 8. NEMO HA, 9, 2, 9.NEMO HA, 9, 2, 10. NEMO HA, 9, 2, 11.NEMO HA, 9, 2, 11.NEMO HA, 9, 2, 13.NEMO HA, 9, 2, 14.	Real Home link, Network mobility(same HA)	
7				It is not required when a dynamic routing protocol is run between the Mobile Router and the Home Agent.	(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing



No. R	RFC Section	RFC Section	Item	Functional Specification	DEC	E-matic	TEST				
140.		title Item	rem	a dictional operinculon	RFC Status	Function al Rank	Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
8				Each entry in the Prefix Table contains the following fields: - The Home Address of the Mobile Router. This field is used as the key for searching the pre-configured Prefix Table. - The Mobile Network Prefix of the Mobile Router associated with the Home Address.	(do)	A	A1	x	NEMO-HA, 2, 1, 5, NEMO-HA, 2, 1, 7, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 2, 4, NEMO-HA, 2, 2, 5, NEMO-HA, 2, 2, 4, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 5, 3, NEMO-HA, 2, 5, 8, NEMO-HA, 2, 5, 2, 5, NEMO-HA, 2, 6, 10, NEMO-HA, 2, 6, 10, NEMO-HA, 2, 6, 11, NEMO-HA, 2, 8, NEMO-HA, 2, 8, NEMO-HA, 2, 8, 9, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 11, 11, NEMO-HA, 3, 4, 18, NEMO-HA, 3, 4, 19, NEMO-HA, 6, 10, NEMO-HA, 6, 6, 10, NEMO-HA, 6, 11, NEMO-HA, 8,	Virtual Home link	Prefix table



No.	RFC Section	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank		Supported	Test No.	Confuigration	Reason of TEST Priority
									NEMO HA, 9. 1, 17 NEMO HA, 9. 1, 18 NEMO HA, 9. 1, 19 NEMO HA, 9. 1, 20 NEMO HA, 9. 1, 21 NEMO HA, 9. 1, 22 NEMO HA, 9. 1, 23 NEMO HA, 9. 1, 24 NEMO HA, 9. 1, 25 NEMO HA, 9. 1, 26 NEMO HA, 9. 1, 27 NEMO HA, 9. 1, 28 NEMO HA, 9. 1, 29 NEMO HA, 9. 1, 30 NEMO HA, 9. 1, 31 NEMO HA, 9. 1, 32,		
							A2	х	NEMO-HA_8_1_2.NEMO-HA_8_1_8. NEMO-HA_8_1_16.	Virtual Home link, IKE Virtual Home link,	
									NEMO-HA_9_2_15,NEMO-HA_9_2_16,	MPS/MPA Virtual Home link, Network mobility(same HA)	
									NEMO-HA, 1, 1, 5, NEMO-HA, 1, 1, 6, NEMO-HA, 1, 1, 7, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 2, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 3, NEMO-HA, 2, 1, 4, NEMO-HA, 2, 1, 1, 6, NEMO-HA, 2, 1, 1, 1, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 3, 3, NEMO-HA, 2, 3, 4, NEMO-HA, 2, 4, 1, NEMO-HA, 2, 1, 1, 1, NEMO-HA, 2, 1, 1, 1, NEMO-HA, 2, 1, 1, 1, NEMO-HA, 2, 1, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, NEM	Real Home link	
									NEMO-HA 2 7, 1, NEMO-HA 2 7, 2, NEMO-HA 2 7, 5, NEMO-HA 2 7, 6, NEMO-HA 2 8, 2, NEMO-HA 2 8, 2, NEMO-HA 2 8, 2, NEMO-HA 2 8, 3, NEMO-HA 2 8, 4, NEMO-HA 2 8, 3, NEMO-HA 2 8, 4, NEMO-HA 2 9, 1, NEMO-HA 2 9, 2, NEMO-HA 2 9, 3, NEMO-HA 2 9, 4, NEMO-HA 2 10, 1, NEMO-HA 2 11, NEMO-HA 2 11, 1, NEMO-HA 2 11, NEMO-HA		



No.	RFC Section	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO-HA, 3, 1, 1, NEMO-HA, 3, 1, 2, NEMO-HA, 3, 1, 3, NEMO-HA, 3, 1, 4, NEMO-HA, 3, 1, 5, NEMO-HA, 3, 1, 10, NEMO-HA, 3, 3, NEMO-HA, 3, 3, NEMO-HA, 3, 4, 2, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 4, NEMO-HA, 3, 4, 5, NEMO-HA, 3, 4, 4, NEMO-HA, 3, 4, 1,		
								NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 3, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 9, NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 12, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, NEM		
								NEMO-HA, 4,3,1,NEMO-HA, 4,3,2, NEMO-HA, 4,3,3,NEMO-HA, 4,3,4, NEMO-HA, 4,3,5,NEMO-HA, 4,3,5, NEMO-HA, 4,3,7,NEMO-HA, 4,3,8, NEMO-HA, 4,3,7,NEMO-HA, 4,3,10, NEMO-HA, 4,3,11,NEMO-HA, 4,3,14, NEMO-HA, 4,3,15,NEMO-HA, 4,3,16, NEMO-HA, 4,3,15,NEMO-HA, 4,4,2,16, NEMO-HA, 4,4,3,NEMO-HA, 4,4,4, NEMO-HA, 4,4,7,NEMO-HA, 4,4,6, NEMO-HA, 4,4,7,NEMO-HA, 4,4,8, NEMO-HA, 4,4,7,NEMO-HA, 4,4,8, NEMO-HA, 4,4,9,NEMO-HA, 4,4,18, NEMO-HA, 4,4,9,NEMO-HA, 4,4,18, NEMO-HA, 4,4,9,NEMO-HA, 4,4,15,		
								NEMO-HA 5.1.1.NEMO-HA 5.1.2. NEMO-HA 5.1.3.NEMO-HA 5.1.4. NEMO-HA 5.2.1.NEMO-HA 5.2.2. NEMO-HA 5.2.3.NEMO-HA 5.2.4. NEMO-HA 5.3.1.NEMO-HA 5.3.4. NEMO-HA 5.3.5.NEMO-HA 5.3.6. NEMO-HA 5.3.8.NEMO-HA 5.4.6. NEMO-HA 5.4.5.NEMO-HA 5.4.8. NEMO-HA 5.4.5.NEMO-HA 5.4.8. NEMO-HA 5.4.7.NEMO-HA 5.4.10. NEMO-HA 5.4.11. NEMO-HA 5.4.11. NEMO-HA 5.4.11.		



No.	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO-HA, 6, 1, 1, NEMO-HA, 6, 1, 2, NEMO-HA, 6, 2, 1, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 4, NEMO-HA, 6, 4, 1, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 4, 3, NEMO-HA, 6, 5, 2, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 4, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 6, 6, 6, NEMO-HA, 6, 6, 7, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 7, 1, NEMO-HA, 6, 7, 3, NEMO-HA, 6, 7, 3, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 1, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 1, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 2, 7, 2, 7, 5, NEMO-HA, 6, 7, 2, 7, 7, 8, 7, 7, 7, 8, 7, 7, 8, 7, 7, 8, 7, 7, 8, 8		
								NEMO-HA, 9,1,3.NEMO-HA, 9,1,4. NEMO-HA, 9,1,5.NEMO-HA, 9,1,6. NEMO-HA, 9,1,7.NEMO-HA, 9,1,8. NEMO-HA, 9,1,9.NEMO-HA, 9,1,10. NEMO-HA, 9,1,11.NEMO-HA, 9,1,12. NEMO-HA, 9,1,13.NEMO-HA, 9,1,14. NEMO-HA, 9,1,15.NEMO-HA, 9,1,16.	Real Home link,	
								NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	IKE Real Home link, MPS/MPA	
								NEMO HA, 9, 2, 1, NEMO HA, 9, 2, 2, NEMO HA, 9, 2, 3, NEMO HA, 9, 2, 3, NEMO HA, 9, 2, 4, NEMO HA, 9, 2, 5, NEMO HA, 9, 2, 6, NEMO HA, 9, 2, 7, NEMO HA, 9, 2, 9, NEMO HA, 9, 2, 9, NEMO HA, 9, 2, 10, NEMO HA, 9, 2, 11, NEMO HA, 9, 2, 12, NEMO HA, 9, 2, 13, NEMO HA, 9, 2, 14, NEMO HA, 9, 2, 13, NEMO HA, 9, 2, 14, NEMO HA, 9, 2, 13, NEMO HA, 9, 2, 14, NEMO HA, 9, 2, 14, NEMO HA, 9, 2, 14, NEMO HA, 9, 2, 15, NEMO HA, 9, 2, 16, NEMO HA, 9, 2, 16, NEMO HA, 9, 2, 17, NEMO HA, 9, 2, 18, NEMO HA, 9, 2, NEMO HA, 9,	Real Home link, Network mobility(same HA)	
9	Mobile Network Prefix Registration		The Home Agent processes the Binding Update as described in section 10.3.1 of the Mobile IPv6 specification [1].	(do)	A	A1				Refer to 10.3 in section 5.1.2 of NEMO(Network Mobility) Test Profile.
10		This section describes the processing of the Binding Update if the Mobile Router (R) Flag is set. The Home Agent performs the following	- The Home Registration (H) Flag MUST be set. If it is not, the Home Agent MUST reject the Binding Update and send a Binding Acknowledgement with status set to 140. Note: The basic support does not allow sending a Binding Update for a Mobile Network Prefix to correspondent nodes (for route optimization).	MUST	A	A1	x	NEMO HA. 2.1.5 NEMO-HA. 2.1.7. NEMO-HA. 2.1.8. NEMO-HA. 2.2.11.NEMO-HA. 2.2.12. NEMO-HA. 2.2.14. NEMO-HA. 2.2.14. NEMO-HA. 2.5.4. NEMO-HA. 2.5.3 NEMO-HA. 2.5.4. NEMO-HA. 2.5.7 NEMO-HA. 2.5.8. NEMO-HA. 2.6.7 NEMO-HA. 2.6.10. NEMO-HA. 2.6.11.NEMO-HA. 2.6.11. NEMO-HA. 2.6.11.NEMO-HA. 2.6.12. NEMO-HA. 2.7.3 NEMO-HA. 2.7.4. NEMO-HA. 2.7.3 NEMO-HA. 2.7.4. NEMO-HA. 2.7.3 NEMO-HA. 2.7.8. NEMO-HA. 2.7.3 NEMO-HA. 2.8. NEMO-HA. 2.8.1.1.NEMO-HA. 2.8.8. NEMO-HA. 2.8.1.1.NEMO-HA. 2.8.1.	Virtual Home link	Binding Update
		check.						NEMO-HA 2 9, 11. NEMO-HA 2 9, 12. NEMO-HA 2 9, 13. NEMO-HA 2 9, 14. NEMO-HA 2 9, 15. NEMO-HA 2 10, 18. NEMO-HA 2 10, 19. NEMO-HA 2 10, 10. NEMO-HA 2 10, 10. NEMO-HA 2 10, 11. NEMO-HA 2 10, 12. NEMO-HA 2 11, 14. NEMO-HA 2 12, 14.		



No	RFC Section	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
									NEMO-HA_3_1_11.NEMO-HA_3_1_12, NEMO-HA_3_4_16,NEMO-HA_3_4_17, NEMO-HA_3_4_18,NEMO-HA_3_4_19, NEMO-HA_3_4_20,		
									NEMO HA, 5.1, 5.NEMO-HA, 5.1, 6. NEMO-HA, 5.1, 7. NEMO-HA, 5.2, 5.NEMO-HA, 5.2, 6. NEMO-HA, 5.2, 7.NEMO-HA, 5.2, 8. NEMO-HA, 5.3, 9.NEMO-HA, 5.3, 10. NEMO-HA, 5.3, 9.NEMO-HA, 5.3, 10. NEMO-HA, 5.4, 3.NEMO-HA, 5.4, 4. NEMO-HA, 5.4, 12.NEMO-HA, 5.4, 15. NEMO-HA, 5.4, 14.NEMO-HA, 5.4, 15. NEMO-HA, 5.4, 14.NEMO-HA, 5.4, 15. NEMO-HA, 5.4, 18. NEMO-HA, 5.4, 18. NEMO-HA, 5.4, 18. NEMO-HA, 5.4, 18.		
									NEMO HA, 6, 1, 3, NEMO HA, 6, 1, 4, NEMO HA, 6, 4, 5, NEMO HA, 6, 4, 6, NEMO HA, 6, 4, 6, NEMO HA, 6, 4, 7, NEMO HA, 6, 4, 8, NEMO HA, 6, 5, 5, NEMO HA, 6, 5, 5, NEMO HA, 6, 5, 5, NEMO HA, 6, 5, 3, NEMO HA, 6, 6, 3, NEMO HA, 6, 6, 13, NEMO HA, 6, 6, 14, NEMO HA, 6, 6, 14, NEMO HA, 6, 6, 15, NEMO HA, 6, 6, 15, NEMO HA, 6, 6, 15, NEMO HA, 6, 15, NEMO HA, 6, 15, NEMO HA, 6, 17, NEMO HA, 6, 17, NEMO HA, 6, 17, NEMO HA, 6, 7, NEMO HA, 6, 7, NEMO HA, 6, 7, NEMO HA, 6, 7, NEMO HA, 8, 1, 2, NEMO HA, 8, 1, 2, NEMO HA, 8, 1, 8, NEMO HA, 8, 1, 16, NEMO HA, 8, 16		
									NEMO-HA_9_1_17.NEMO-HA_9_1_18 NEMO-HA_9_1_19.NEMO-HA_9_1_20 NEMO-HA_9_1_21.NEMO-HA_9_1_22 NEMO-HA_9_1_23.NEMO-HA_9_1_26 NEMO-HA_9_1_25.NEMO-HA_9_1_26 NEMO-HA_9_1_27.NEMO-HA_9_1_28 NEMO-HA_9_1_28.NEMO-HA_9_1_30 NEMO-HA_9_1_31.NEMO-HA_9_1_32		
							A2	X		Virtual Home link, IKE Virtual Home link,	
									NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA Virtual Home link,	
									NEMO-HA_9_2_17,NEMO-HA_9_2_18, NEMO-HA_9_2_19,NEMO-HA_9_2_20,	Network mobility(same HA)	



No.	RFC Section title Item	Item	Functional Specification	RFC	Function	TEST	Supported	Test No.	Confuigration	Reason of TEST Priority
	Ten Ten			Status	al Rank	riority			Real Home link	
								NEMO-HA 2.7.1, NEMO-HA 2.7.2, NEMO-HA 2.7.5, NEMO-HA 2.7.5, NEMO-HA 2.7.6, NEMO-HA 2.8.2, NEMO-HA 2.8.3, NEMO-HA 2.8.4, NEMO-HA 2.8.5, NEMO-HA 2.8.4, NEMO-HA 2.9.2, NEMO-HA 2.9.2, NEMO-HA 2.9.3, NEMO-HA 2.9.2, NEMO-HA 2.9.3, NEMO-HA 2.9.5, NEMO-HA 2.9.5, NEMO-HA 2.10.3, NEMO-HA 2.10.3, NEMO-HA 2.10.4, NEMO-HA 2.10.5,		
								NEMO-HA, 3, 1, 1, NEMO-HA, 3, 1, 2, NEMO-HA, 3, 1, 3, NEMO-HA, 3, 1, 4, NEMO-HA, 3, 1, 5, NEMO-HA, 3, 1, 5, NEMO-HA, 3, 1, 5, NEMO-HA, 3, 1, 5, NEMO-HA, 3, 1, 9, NEMO-HA, 3, 3, 1, NEMO-HA, 3, 3, 3, NEMO-HA, 3, 3, NEMO-HA, 3, 3, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 15, NEMO-HA, 3, 4, 15		
								NEMO-HA, 3, 4, 15, NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 3, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 6, NEMO-HA, 4, 2, 7, NEMO-HA, 4, 2, 10, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 12, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 16, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16,		



No.	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	Supported	Test No.	Confuigration	Reason of TEST Priority
							NEMO HA, 4,3,1,NEMO HA, 4,3,2, NEMO HA, 4,3,3,NEMO HA, 4,3,4, NEMO HA, 4,3,5,NEMO HA, 4,3,6, NEMO HA, 4,3,5,NEMO HA, 4,3,6, NEMO HA, 4,3,9,NEMO HA, 4,3,10, NEMO HA, 4,3,11,NEMO HA, 4,3,10, NEMO HA, 4,3,13,NEMO HA, 4,3,14, NEMO HA, 4,3,13,NEMO HA, 4,3,14, NEMO HA, 4,3,15,NEMO HA, 4,3,14, NEMO HA, 4,4,1,NEMO HA, 4,2,14, NEMO HA, 4,4,1,NEMO HA, 4,4,4,2, NEMO HA, 4,4,5,NEMO HA, 4,4,4,6, NEMO HA, 4,4,5,NEMO HA, 4,4,8, NEMO HA, 4,4,9,NEMO HA, 4,4,13, NEMO HA, 4,4,9,NEMO HA, 4,4,13, NEMO HA, 4,4,13,NEMO HA, 4,4,13, NEMO HA, 4,4,115,		
							NEMO-HA, 5, 1, 1, NEMO-HA, 5, 1, 2, NEMO-HA, 5, 1, 1, NEMO-HA, 5, 1, 1, NEMO-HA, 5, 1, 1, NEMO-HA, 5, 2, 1, NEMO-HA, 5, 2, 1, NEMO-HA, 5, 2, 1, NEMO-HA, 5, 2, 1, NEMO-HA, 5, 3, 1, NEMO-HA, 5, 3, 1, NEMO-HA, 5, 3, 8, NEMO-HA, 5, 3, 8, NEMO-HA, 5, 3, 8, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 9, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 11, NEMO-HA, 5, 4, 11, NEMO-HA, 5, 4, 11, NEMO-HA, 5, 5, 3, 1, NEMO-HA, 5, 5, 3,		
							NEMO-HA, 6, 1, 1, NEMO-HA, 6, 1, 2, NEMO-HA, 6, 2, 1, NEMO-HA, 6, 2, 2, 1, NEMO-HA, 6, 2, 4, NEMO-HA, 6, 3, 3, NEMO-HA, 6, 4, 6, 2, 4, NEMO-HA, 6, 4, 3, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, NEMO-HA, 6, 6, 1, NEMO-HA, 6, 1, NEMO-HA, 6, 7, 8, NEMO-HA, 6, 7, 6, NEMO-HA, 6, 7, 8, NEMO-HA, 6, 7, 6, NEMO-HA, 6, NEMO-HA, 6, NEMO-HA, 6, NEMO-HA, 6, NEMO-HA, 6, NEMO-HA, 6, NEM		
							NEMO-HA_9_1_1.NEMO-HA_9_1_2. NEMO-HA_9_1_3.NEMO-HA_9_1_4. NEMO-HA_9_1_5.NEMO-HA_9_1_6. NEMO-HA_9_1_7.NEMO-HA_9_1_8. NEMO-HA_9_1_1.NEMO-HA_9_1_1. NEMO-HA_9_1_1.1.NEMO-HA_9_1_1. NEMO-HA_9_1_1.3.NEMO-HA_9_1_14. NEMO-HA_9_1_13.NEMO-HA_9_1_16.	Real Home link,	
							NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	IKE Real Home link, MPS/MPA	



No.	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank		Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO HA, 9, 2, 1. NEMO HA, 9, 2, 2, NEMO HA, 9, 2, 3. NEMO HA, 9, 2, 4. NEMO HA, 9, 2, 5. NEMO HA, 9, 2, 6. NEMO HA, 9, 2, 7. NEMO HA, 9, 2, 7. NEMO HA, 9, 2, 9. NEMO HA, 9, 2, 10. NEMO HA, 9, 2, 11. NEMO HA, 9, 2, 11. NEMO HA, 9, 2, 11. NEMO HA, 9, 2, 12. NEMO HA, 9, 2, 13. NEMO HA, 9, 2, 14.	Real Home link, Network mobility(same HA)	
11			- The Home Registration (H) Flag MUST be set. <u>If it is not, the</u> Home Agent MUST reject the Binding Update and send a Binding Acknowledgement with status set to 140. Note: The basic support does not allow sending a Binding Update for a Mobile Network Prefix to correspondent nodes (for route optimization).	MUST	A	A1 A2	x x	NEMO-HA, 2,10,7.NEMO-HA, 2,10,8, NEMO-HA, 2,10,11, NEMO-HA, 2,10,1.NEMO-HA, 2,10,2, NEMO-HA, 2,10,5,	Virtual Home link Real Home link	Binding Update
12			- Mobile IPv6 specification [1] requires that the Home Address in the Binding Update be configured from a prefix advertised on the home link. Otherwise the Binding Update is rejected with status value 132 [1]. This specification relaxes this requirement so that the Home Agent rejects the Binding Update only if the Home Address does not belong to the prefix that the Home Agent is configured to serve.	(do)	A	A1 A2	x x	NEMO-HA_2_2_4.NEMO-HA_2_2_5, NEMO-HA_2_2_1.NEMO-HA_2_2_2,	Virtual Home link Real Home link	Binding Update
13			If the Home Agent has a valid binding cache entry for the Mobile Router, and if the Binding Update has the Mobile Router Flag (R) set to a value different from that in the existing binding cache entry, then the Home Agent MUST reject the Binding Update and send a Binding Acknowledgement with status set to 139 (Registration type change disallowed). However, if the Binding Update is a de-registration Binding Update, the Home Agent ignores the value of the Mobile	MUST	A	A1 A2	x x	NEMO-HA 2, 10, 9, NEMO-HA 2, 10, 10, NEMO-HA 2, 10, 12, NEMO-HA 2, 10, 12, NEMO-HA 2, 10, 3, NEMO-HA 2, 10, 4, NEMO-HA 2, 10, 6,	Virtual Home link Real Home link	Binding Update (re-registration)
14			Router Flag (R). If the Home Agent has a valid binding cache entry for the Mobile Router, and if the Binding Update has the Mobile Router Flag (R) set to a value different from that in the existing binding cache entry.	(do)	A	A1	x	NEMO-HA_3_L_11.NEMO-HA_3_L_12, NEMO-HA_3_2_11.NEMO-HA_3_2_12, NEMO-HA_3_4_1.8.NEMO-HA_3_4_17, NEMO-HA_3_4_18.NEMO-HA_3_4_19, NEMO-HA_3_4_20.	Virtual Home link	Binding Update (de-registration)



No.	RFC Section	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
				then the Home Agent MUST reject the Binding Update and send a Binding Acknowledgement with status set to 139 (Registration type change disallowed). However, if the Binding Update is a de-registration Binding Update, the Home Agent ignores the value of the Mobile Router Flag (R).			A2	x	NEMO HA, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Real Home link	
15				If the Lifetime specified in the Binding Update is 0 or the specified Care-of address matches the Home Address in the Binding Update, then this is a request to delete the cached binding for the home address and specified Mobile Network Prefixes. The Binding Update is processed as described in section 6.7.	(do)	A	A1				Refer to 6.7 in section 5.1.1 of NEMO(Network Mobility) Test Profile. (Mobile Network Prefix De-Registration)
16			If the Home Agent does not reject the Binding Update as invalid, and if a dynamic routing protocol	than one option, the Home Agent MUST set up forwarding for all the Mobile Network Prefixes If the Home Agent fails to set up	MUST	A	A1	х	NEMO-HA. 2. 1. 5. NEMO-HA. 2. 1. 7. NEMO-HA. 2. 1. 1. NEMO-HA. 2. 2. 1. 1. NEMO-HA. 2. 2. 12. NEMO-HA. 2. 2. 14. NEMO-HA. 2. 5. 3. NEMO-HA. 2. 5. 4. NEMO-HA. 2. 5. 7. NEMO-HA. 2. 5. 8. NEMO-HA. 2. 6. 7. NEMO-HA. 2. 6. 18. NEMO-HA. 2. 6. 11. NEMO-HA. 2. 6. 10. NEMO-HA. 2. 6. 11. NEMO-HA. 2. 6. 12.	Virtual Home link	Binding Update (registration)



No. R	RFC Section	Item	Functional Specification	RFC	Function	TEST	Supported	Test No.	Confuigration	Reason of TEST Priority
	title Item			Status	al Rank	Priority	Supporteu	Test Ivo.	Comulgiation	Reason of TEST Friority
		is not run between the Home Agent and the Mobile Router as described in section 8, then the Home Agent retrieves the Mobile Network Prefix information as described below.		Status	al ivalik	rionly		NEMO HA. 2. 7. 3. NEMO - HA. 2. 7. 4. NEMO - HA. 2. 7. 7. NEMO - HA. 2. 7. 8. NEMO - HA. 2. 8. 7. NEMO - HA. 2. 8. 8. NEMO - HA. 2. 8. 9. NEMO - HA. 2. 8. 12. NEMO - HA. 2. 8. 9. NEMO - HA. 2. 8. 12. NEMO - HA. 2. 9. 11. NEMO - HA. 2. 9. 12. NEMO - HA. 2. 9. 11. NEMO - HA. 2. 9. 12. NEMO - HA. 2. 9. 13. NEMO - HA. 2. 9. 14. NEMO - HA. 2. 10. 10. NEMO - HA. 2. 10. 11. NEMO - HA. 2. 10. 10. NEMO - HA. 2. 10. 11. NEMO - HA. 2. 11. 14. NEMO - HA. 2. 11. 14. NEMO - HA. 3. 4. 18. NEMO - HA. 3. 4. 19. NEMO - HA. 3. 4. 18. NEMO - HA. 3. 4. 19. NEMO - HA. 3. 4. 20. NEMO - HA. 3. 1. 5. NEMO - HA. 5. 1. 6. NEMO - HA. 3. 1. 5. NEMO - HA. 5. 2. 6. NEMO - HA. 3. 2. 5. NEMO - HA. 5. 2. 6.		
								NEMO HA, 5, 3, 9.NEMO HA, 5, 3, 10. NEMO HA, 5, 3, 12. NEMO HA, 5, 4, 13. NEMO HA, 5, 4, 14. NEMO HA, 5, 4, 15. NEMO HA, 5, 4, 14. NEMO HA, 5, 4, 15. NEMO HA, 5, 4, 16. NEMO HA, 5, 4, 17. NEMO HA, 5, 4, 18. NEMO HA, 5, 5, 4. NEMO HA, 5, 5, 6. NEMO HA, 5, 5, 4. NEMO HA, 5, 5, 6. NEMO HA, 6, 4, 5. NEMO HA, 6, 4, 6. NEMO HA, 6, 4, 5. NEMO HA, 6, 4, 6. NEMO HA, 6, 5, 5. NEMO HA, 6, 5, 6. NEMO HA, 6, 5, 5. NEMO HA, 6, 5, 6. NEMO HA, 6, 6, 15. NEMO HA, 6, 6, 6, 13. NEMO HA, 6, 6, 118. NEMO HA, 6, 6, 18. NEMO HA, 6, 7, 2. NEMO HA, 6, 7, 4. NEMO HA, 6, 7, 2. NEMO HA, 6, 7, 4. NEMO HA, 6, 7, 2. NEMO HA, 6, 7, 4. NEMO HA, 6, 7, 2. NEMO HA, 6, 7, 4. NEMO HA, 6, 7, 2. NEMO HA, 6, 7, 4. NEMO HA, 6, 7, 2. NEMO HA, 6, 7, 4. NEMO HA, 6, 7, 2. NEMO HA, 6, 7, 8.		
						A2	x	NEMO-HA, 8, 1, 16, NEMO-HA, 9, 1, 17, NEMO-HA, 9, 1, 18, NEMO-HA, 9, 1, 19, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 21, NEMO-HA, 9, 1, 22, NEMO-HA, 9, 1, 23, NEMO-HA, 9, 1, 24, NEMO-HA, 9, 1, 23, NEMO-HA, 9, 1, 26, NEMO-HA, 9, 1, 23, NEMO-HA, 9, 1, 32, NEMO-HA, 9, 1, 21, NEMO-HA, 9, 1, 32, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 32, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 32, NEMO-HA, 8, 1, 2, NEMO-HA, 8, 1, 8, NEMO-HA, 8, 1, 16,	Virtual Home link, IKE Virtual Home link, MPS/MPA	



No.	RFC Section	RFC Section title Item	Item	Functional Specification	RFC	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
					Status	ai Kalik	Friority		NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 25, NEMO-HA, 9, 2, 26, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2	Virtual Home link, Network mobility(same HA)	
									NEMO-HA, 1, 1, 5, NEMO-HA, 1, 1, 6, NEMO-HA, 1, 1, 7, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 6, NEMO-HA, 2, 1, 6, NEMO-HA, 2, 1, 14, NEMO-HA, 2, 1, 14, NEMO-HA, 2, 2, 10, NEMO-HA, 2, 2, 13, NEMO-HA, 2, 2, 13, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 5, 1, NEMO-HA, 2, 5, 1, NEMO-HA, 2, 5, 1, NEMO-HA, 2, 5, 1, NEMO-HA, 2, 6, 1, NEMO-HA, 2, 6, 1, NEMO-HA, 2, 6, 2, NEMO-HA, 2, 6, 3, NEMO-HA, 2, 6, 4, NEMO-HA, 2, 6, 5, NEMO-HA, 2, 6, 6, NEMO-HA, 2, 6, 5, NEMO-HA, 2, 6, 6, NEMO-HA, 2, 6, 8, NEMO-HA	Real Home link	
									NEMO-HA 2.7_1.NEMO-HA 2.7_2. NEMO-HA 2.7_5.NEMO-HA 2.7_6. NEMO-HA 2.8_1.NEMO-HA 2.8_2. NEMO-HA 2.8_3.NEMO-HA 2.8_4. NEMO-HA 2.8_5.NEMO-HA 2.8_6. NEMO-HA 2.9_1.NEMO-HA 2.9_2. NEMO-HA 2.9_3.NEMO-HA 2.9_4. NEMO-HA 2.9_3.NEMO-HA 2.0_5. NEMO-HA 2.10_5.NEMO-HA 2.10_5. NEMO-HA 2.10_6.NEMO-HA 2.10_5. NEMO-HA 2.10_6.NEMO-HA 2.10_5. NEMO-HA 2.10_6.		
									NEMO-HA, 3, 1, 1, NEMO-HA, 3, 1, 2, NEMO-HA, 3, 1, 3, NEMO-HA, 3, 1, 4, NEMO-HA, 3, 1, 5, NEMO-HA, 3, 1, 6, NEMO-HA, 3, 1, 5, NEMO-HA, 3, 1, 10, NEMO-HA, 3, 1, NEMO-HA, 3, 1, NEMO-HA, 3, 3, 1, NEMO-HA, 3, 3, 1, NEMO-HA, 3, 3, 5, NEMO-HA, 3, 3, 5, NEMO-HA, 3, 3, 5, NEMO-HA, 3, 4, 2, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 4, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 14, NEMO-HA, 3, 4, 15, NEMO-HA, 3, 4, 14, NEMO-HA, 3, 4, 15,		
									NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 3, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 6, NEMO-HA, 4, 2, 9, NEMO-HA, 4, 2, 9, NEMO-HA, 4, 2, 10, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 12, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, NE		



No.	RFC Section	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
									NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, 2, NEMO-HA, 4, 3, 3, NEMO-HA, 4, 3, 3, NEMO-HA, 4, 3, 5, NEMO-HA, 4, 3, 5, NEMO-HA, 4, 3, 5, NEMO-HA, 4, 3, 9, NEMO-HA, 4, 3, 9, NEMO-HA, 4, 3, 10, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 13, NEMO-HA, 4, 3, 14, NEMO-HA, 4, 3, 15, NEMO-HA, 4, 3, 16, NEMO-HA, 4, 4, 1, NEMO-HA, 4, 4, 1, NEMO-HA, 4, 4, 1, NEMO-HA, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,		
									NEMO-HA, 4, 1, 1, NEMO-HA, 4, 4, 15, 18, 18, 18, 11, 18, 18, 18, 11, 18, 18		
									NEMO-HA, 6, 1, 1, NEMO-HA, 6, 1, 2, NEMO-HA, 6, 2, 1, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 3, NEMO-HA, 6, 2, 4, NEMO-HA, 6, 4, 1, NEMO-HA, 6, 4, 1, NEMO-HA, 6, 4, 1, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 5, 1, NEMO-HA, 6, 5, 1, NEMO-HA, 6, 5, 1, NEMO-HA, 6, 5, NEMO-HA, 6, 5, NEMO-HA, 6, 6, 6, NEMO-HA, 6, 6, 6, NEMO-HA, 6, 6, 1, NEMO-HA, 6, 7, NEMO-HA, 6, 7, NEMO-HA, 6, 7, 3, NEMO-HA, 6, 7, 3, NEMO-HA, 6, 7, 6, 6, 6, 6, 6, 7, 8, NEMO-HA, 6, 7, 6, 8, NEMO-HA, 6, 7, 6, 6, 6, 6, 6, 6, 6, 6, 7, 8, NEMO-HA, 6, 7, 6, 6, 6, 6, 6, 6, 6, 7, 8, NEMO-HA, 6, 7, 6, 6, 6, 6, 6, 7, 8, NEMO-HA, 6, 7, 6, 6, 6, 6, 6, 6, 7, 8, NEMO-HA, 6, 7, 6, 6, 6, 7, 8, NEMO-HA, 6, 7, 6, 6, 6, 6, 7, 8, NEMO-HA, 6, 7, 6, 6, 6, 7, 8, NEMO-HA, 6, 7, 6, 6, 6, 7, 8, NEMO-HA, 6, 7, 6, 7, 8, NEMO-HA, 6, 7, 6, 6, 8, NEMO-HA, 6, 7, 8,		
										Real Home link,	
									NEMO-HA_8_1_1.NEMO-HA_8_1_7,	IKE Real Home link, MPS/MPA	



No.	RFC Section R:	FC Section tle Item	Item	Functional Specification	RFC Status	Function al Rank		Supported	Test No.	Confuigration	Reason of TEST Priority
									NEMO-HA, 9, 2, 1, NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 4, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 6, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 8, NEMO-HA, 9, 2, 9, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEM	Real Home link, Network mobility(same HA)	
17				If a Mobile Network Prefix Option is present in the Binding Update, the prefix information for the Mobile Network Prefix is	MUST NOT	A	A1	x	NEMO-HA_2_10_7.NEMO-HA_2_10_8, NEMO-HA_2_10_11,	Virtual Home link	Binding Update (registration)
				retrieved from the Mobile Network Prefix field and the Prefix Length field of the option. If the Binding Update contains more than one option, the Home Agent MUST set up forwarding for all			A2	x	NEMO-HA_2_10_1,NEMO-HA_2_10_2, NEMO-HA_2_10_5,	Real Home link	
18				the Mobile Network Prefixes. If the Home Agent fails to set up forwarding to all the prefixes listed in the Binding Update, then it MUST NOT forward traffic to any of the prefixes. Furthermore. it MUST reject the Binding Update and send a Binding Acknowledgement with status set to 141 (Invalid Prefix).	MUST	A	A1	х	NEMO-HA_2_10_7.NEMO-HA_2_10_8, NEMO-HA_2_10_11.	Virtual Home link	Binding Update (registration)
							A2	x	NEMO-HA_2_10_1,NEMO-HA_2_10_2, NEMO-HA_2_10_5,	Real Home link	
9				If the Home Agent verifies the prefix information with the Prefix	MUST	A	A1	X	EMO-HA_2_11_19,	Virtual Home link	Binding Update
				Table and the check fails, the Home Agent MUST discard the Binding Update and send a Binding Acknowldegement with status set to			A2	х	NEMO-HA_2_11_9,	Real Home link	(registration)
20				- If there are is no option in the Binding Update carrying prefix information, the Home Agent uses manual pre-configured information to determine the prefixes assigned to the Mobile Router and to set up forwarding for the mobile network. If there is no information that the Home Agent can use, it MUST reject the Binding Update and send a Binding Acknowledgement with status set to 143 (Forwarding Setup failed).	(do)	A	A1	x	NEMO-HA 2 1 . 5.NEMO-HA 2 . 1.7, NEMO-HA 2 . 1.8, NEMO-HA 2 . 2.11, NEMO-HA 2 . 2.12, NEMO-HA 2 . 2.14, NEMO-HA 2 . 2.14, NEMO-HA 2 . 2.14, NEMO-HA 2 . 5.4, NEMO-HA 2 . 5.3, NEMO-HA 2 . 5.5, NEMO-HA 2 . 5.7, NEMO-HA 2 . 6.10, NEMO-HA 2 . 7.4, NEMO-HA 2 . 7.8, NEMO-HA 2 . 7.8, NEMO-HA 2 . 7.8, NEMO-HA 2 . 7.8, NEMO-HA 2 . 8.10, NEMO-HA 2 . 8.10, NEMO-HA 2 . 8.11, NEMO-HA 2 . 10, NEMO-HA 2 . 10, NEMO-HA 2 . 10, NEMO-HA 2 . 10, 10, NEMO-HA 2 . 10, 11, NEMO-HA 2 . 10, 12, NEMO-HA 2 . 12, 4, NEMO	Virtual Home link	Binding Update (registration)
									NEMO-HA_3_1_11.NEMO-HA_3_1_12, NEMO-HA_3_4_18.NEMO-HA_3_4_17, NEMO-HA_3_4_18.NEMO-HA_3_4_19, NEMO-HA_3_4_20,		



No.	RFC Section	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
									NEMO HA 5.1.5 NEMO-HA 5.1.6 NEMO HA 3.1.7 NEMO HA 3.2.5 NEMO HA 5.2.6 NEMO-HA 3.2.7 NEMO HA 5.2.8 NEMO-HA 3.3.9 NEMO HA 5.3.10 NEMO-HA 5.3.12. NEMO-HA 5.3.12. NEMO-HA 5.5.6		
									NEMO-HA, 6, 1, 3. NEMO-HA, 6, 1, 4. NEMO-HA, 6, 4, 5. NEMO-HA, 6, 4, 6. NEMO-HA, 6, 7. NEMO-HA, 6, 4, 8. NEMO-HA, 6, 5, 5. NEMO-HA, 6, 5, 5. NEMO-HA, 6, 5, 8. NEMO-HA, 6, 6, 3. NEMO-HA, 6, 6, 4. NEMO-HA, 6, 6, 4. NEMO-HA, 8, 1, 2. NEMO-HA, 8, 1, 2. NEMO-HA, 8, 1, 8. NEMO-HA, 8, 1, 2. NEMO-HA, 8, 1, 8. NEMO-HA, 8, 1, 16. NEMO-HA, 8, 16. N		
									NEMO-HA, 9, 1, 17, NEMO-HA, 9, 1, 18, NEMO-HA, 9, 1, 19, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 21, NEMO-HA, 9, 1, 22, NEMO-HA, 9, 1, 23, NEMO-HA, 9, 1, 24, NEMO-HA, 9, 1, 27, NEMO-HA, 9, 1, 28, NEMO-HA, 9, 1, 29, NEMO-HA, 9, 1, 29, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 21, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1		
							A2	х		Virtual Home link, IKE	
									NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA	
									NEMO-HA, 9, 2, 15.NEMO-HA, 9, 2, 16. NEMO-HA, 9, 2, 17.NEMO-HA, 9, 2, 18. NEMO-HA, 9, 2, 19.NEMO-HA, 9, 2, 20. NEMO-HA, 9, 2, 21.NEMO-HA, 9, 2, 24. NEMO-HA, 9, 2, 23.NEMO-HA, 9, 2, 26. NEMO-HA, 9, 2, 25.NEMO-HA, 9, 2, 26. NEMO-HA, 9, 2, 27.NEMO-HA, 9, 2, 28.	Virtual Home link, Network mobility(same HA)	
									NEMO-HA, 1, 1, 5, NEMO-HA, 1, 1, 6, NEMO-HA, 1, 1, 7, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 2, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 1, 6, NEMO-HA, 2, 1, 1, 6, NEMO-HA, 2, 1, 1, 4, NEMO-HA, 2, 2, 9, NEMO-HA, 2, 2, 10, NEMO-HA, 2, 2, 3, 1, NEMO-HA, 2, 2, 3, 1, NEMO-HA, 2, 5, 1, NEMO-HA, 2, 5, 1, NEMO-HA, 2, 5, 1, NEMO-HA, 2, 5, 1, NEMO-HA, 2, 6, NEMO-HA, 2, 7, NEMO-HA, 2, 7, NEMO-HA, 2, 8, 1, NEMO-HA, 2, 10, 6, NEMO-HA, 2	Real Home link	



No. RFC Se	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO-HA, 3, 1, 1, NEMO-HA, 3, 1, 2, NEMO-HA, 3, 1, 3, NEMO-HA, 3, 1, 4, NEMO-HA, 3, 1, 5, NEMO-HA, 3, 1, 5, NEMO-HA, 3, 1, 5, NEMO-HA, 3, 1, 5, NEMO-HA, 3, 1, 9, NEMO-HA, 3, 3, 1, NEMO-HA, 3, 3, NEMO-HA, 3, 3, 3, NEMO-HA, 3, 3, 3, NEMO-HA, 3, 3, 3, NEMO-HA, 3, 3, NEMO-HA, 3, 3, NEMO-HA, 3, 3, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 1, 1, NEMO-H		
								NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 3, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 10, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 12, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 3, 12, NEMO-HA, 4, 3, NEMO-HA, 4, 4, 8, NEMO-HA, 4, 4, 8, NEMO-HA, 4, 4, 13, NEMO-HA, 4, 4, 8, NEMO-HA, 4, 4, 13, NEMO-HA, 4, 4, 15, NEMO-HA, 4, 4, 4, 15, NEMO-HA, 4, 4, 15, NEMO-HA, 4, 4, 4, 4, 15, NEMO-HA, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,		
								NEMO-HA, 5, 1, 1, NEMO-HA, 5, 1, 2, NEMO-HA, 5, 1, 3, NEMO-HA, 5, 1, 4, NEMO-HA, 5, 1, 2, 1, NEMO-HA, 5, 2, 2, NEMO-HA, 5, 2, 4, NEMO-HA, 5, 2, 4, NEMO-HA, 5, 3, 1, NEMO-HA, 5, 3, 4, NEMO-HA, 5, 3, 1, NEMO-HA, 5, 3, 1, NEMO-HA, 5, 3, 1, NEMO-HA, 5, 4, 2, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 5, NEMO-HA, 5, 5, 3, NEMO-HA, 5, 5, 3, NEMO-HA, 6, 1, 1, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 1, NEMO-HA, 6, 2, 4, NEMO-HA, 6, 4, 3, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 1, NEMO-HA, 6, 5, 1, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 6, 4, NEMO-HA, 6, 6, 1, NEMO-HA, 6, 6, 7, 3, NEMO-HA, 6, 6, 7, 3, NEMO-HA, 6, 6, 7, NEMO-HA, 6, 6, 7, NEMO-HA, 6, NEMO-H		



No.	RFC Section RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO-HA. 9, 1, 1.NEMO-HA. 9, 1, 2. NEMO-HA. 9, 1.3. NEMO-HA. 9, 1, 4. NEMO-HA. 9, 1.5. NEMO-HA. 9, 1, 6. NEMO-HA. 9, 1.7. NEMO-HA. 9, 1, 8. NEMO-HA. 9, 1.9. NEMO-HA. 9, 1, 10. NEMO-HA. 9, 1, 11. NEMO-HA. 9, 1, 10. NEMO-HA. 9, 1, 11. NEMO-HA. 9, 1, 12. NEMO-HA. 9, 1, 13. NEMO-HA. 9, 1, 14. NEMO-HA. 9, 1, 15. NEMO-HA. 9, 1, 16.		
								NEMO-HA_8_1_1.NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, IKE Real Home link, MPS/MPA	
								NEMO-HA, 9, 2, 1. NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 3. NEMO-HA, 9, 2, 4, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 6, NEMO-HA, 9, 2, 7. NEMO-HA, 9, 2, 8, NEMO-HA, 9, 2, 9. NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEM	Real Home link, Network mobility(same HA)	
21			- If there are is no option in the Binding Update carrying prefix information, the Home Agent uses manual pre-configured information to determine the prefixes assigned to the Mobile Router and to set up forwarding for the mobile network. If there is no information that the Home Agent can use, it MUST reject the Binding Update and send a Binding Acknowledgement with status set to 143	MUST	A	A1	x	NEMO-HA_2_12_6.		Binding Update (registration)
			(Forwarding Setup failed).			A2	x	NEMO-HA_2_12_3.	Real Home link	
22			If the Home Agent has a valid binding cache entry for the Mobile Router, it should compare the list of prefixes in the Binding Update against the prefixes stored in the binding cache entry. If the binding cache entry contains prefixes that do not appear in the Binding Update, the Home Agent MUST disable forwarding for these Mobile Network Prefixes.	MUST	A	A1 A2	x x	NEMO-HA_5_4_17.NEMO-HA_5_4_18. NEMO-HA_6_7_7.NEMO-HA_6_7_8. NEMO-HA_6_4_10.NEMO-HA_5_4_11. NEMO-HA_6_7_5.NEMO-HA_6_7_6.	Virtual Home link Real Home link	Binding Update (registration)



No.	RFC Section	RFC Section	Item	Functional Specification	RFC	Function	TEST				
		title Item			Status	al Rank	Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
23		the item		If all checks are passed, the Home Agent creates a binding cache entry for Mobile Router's Home Address or updates the entry if it already exists. Otherwise, the Home Agent MUST NOT register the binding of the Mobile Router's Home Address.	(do)	A A	A1	X	NEMO-HA 2, 1,5 NEMO-HA, 2,1,7, NEMO-HA, 2,1,1, NEMO-HA, 2,1,1, NEMO-HA, 2,2,14, NEMO-HA, 2,2,14, NEMO-HA, 2,5,14, NEMO-HA, 2,5,14, NEMO-HA, 2,5,14, NEMO-HA, 2,5,18, NEMO-HA, 2,5,18, NEMO-HA, 2,6,10, NEMO-HA, 2,6,10, NEMO-HA, 2,6,11, NEMO-HA, 2,6,110, NEMO-HA, 2,6,11, NEMO-HA, 2,6,110, NEMO-HA, 2,6,11, NEMO-HA, 2,7,4, NEMO-HA, 2,7,3, NEMO-HA, 2,7,4, NEMO-HA, 2,7,3, NEMO-HA, 2,7,4, NEMO-HA, 2,8,10, NEMO-HA, 2,8,10, NEMO-HA, 2,8,10, NEMO-HA, 2,8,10, NEMO-HA, 2,8,11, NEMO-HA, 2,8,11, NEMO-HA, 2,8,11, NEMO-HA, 2,9,11, NEMO-HA, 2,9,11, NEMO-HA, 2,9,11, NEMO-HA, 2,9,15, NEMO-HA, 2,9,15, NEMO-HA, 2,9,15, NEMO-HA, 2,10,11, NEMO-HA, 2,10,10, NEMO-HA, 2,10,11, NEMO-HA, 2,11,14, NEMO-HA, 2,11,24, NEMO-HA, 2,12,4, NEMO-HA, 2,12,4, NEMO-HA, 2,12,4, NEMO-HA, 3,1,17, NEMO-HA, 3,1,27, NEMO-HA,	Virtual Home link	Binding Update (registration)
									NEMO-HA, 9,1,17.NEMO-HA, 9,1,18. NEMO-HA, 9,1,19.NEMO-HA, 9,1,20. NEMO-HA, 9,1,21.NEMO-HA, 9,1,22. NEMO-HA, 9,1,23.NEMO-HA, 9,1,24. NEMO-HA, 9,1,23.NEMO-HA, 9,1,26. NEMO-HA, 9,1,27.NEMO-HA, 9,1,28. NEMO-HA, 9,1,29.NEMO-HA, 9,1,30. NEMO-HA, 9,1,31.NEMO-HA, 9,1,32.		



No.	RFC Section RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
						A2	Х		Virtual Home link, IKE	
								NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA	
								NEMO-HA, 9, 2, 15.NEMO-HA, 9, 2, 18. NEMO-HA, 9, 2, 17.NEMO-HA, 9, 2, 18. NEMO-HA, 9, 2, 21. NEMO-HA, 9, 2, 20. NEMO-HA, 9, 2, 21. NEMO-HA, 9, 2, 24. NEMO-HA, 9, 2, 23. NEMO-HA, 9, 2, 24. NEMO-HA, 9, 2, 27. NEMO-HA, 9, 2, 28. NEMO-HA, 9, 2, 27. NEMO-HA, 9, 2, 28.	Virtual Home link, Network mobility(same HA)	
								NEMO-HA, 1, 1, 5, NEMO-HA, 1, 1, 6, NEMO-HA, 1, 1, 7, 6, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 2, NEMO-HA, 2, 1, 1, 1, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 5, 1, NEMO-HA, 2, 5, 1, NEMO-HA, 2, 5, 1, NEMO-HA, 2, 5, 1, NEMO-HA, 2, 6, NEMO-HA, 2, 7, NEMO-HA, 2, 7, NEMO-HA, 2, 7, NEMO-HA, 2, 7, NEMO-HA, 2, 8, 1, NEMO-HA, 2, 8, NEMO-HA, 2, 9, 1, NEMO-HA, 2, 10, 4, NEMO-HA, 2, 11, 4, NEMO-HA, 3, 11, NEMO-HA	Real Home link	
								NEMO-HA, 3.1, 3.NEMO-HA, 3.1, 4. NEMO-HA, 3.1, 5.NEMO-HA, 3.1, 6. NEMO-HA, 3.1, 7.NEMO-HA, 3.1, 8. NEMO-HA, 3.1, 9.NEMO-HA, 3.1, 8. NEMO-HA, 3.3, 1.NEMO-HA, 3.3, 2. NEMO-HA, 3.3, 3.NEMO-HA, 3.3, 3. NEMO-HA, 3.3, 5.NEMO-HA, 3.3, 3. NEMO-HA, 3.3, 5.NEMO-HA, 3.3, 8. NEMO-HA, 3.4, 1.NEMO-HA, 3.4, 4. NEMO-HA, 3.4, 5.NEMO-HA, 3.4, 4. NEMO-HA, 3.4, 5.NEMO-HA, 3.4, 4. NEMO-HA, 3.4, 7.NEMO-HA, 3.4, 4. NEMO-HA, 3.4, 9.NEMO-HA, 3.4, 9.NEMO-HA, 3.4, 9. NEMO-HA, 3.4, 9.NEMO-HA, 3.4, 9.NEMO-HA, 3.4, 9.NEMO-HA, 3.4, 9. NEMO-HA, 3.4, 9.NEMO-HA, 3.4, 9.NEMO-HA, 3.4, 9. NEMO-HA, 9.NEMO-HA, 9.NEMO-HA, 9.NEMO-HA, 9.NEMO-HA, 9.NEMO-HA, 9.NE		
								NEMO-HA.3.4_11.NEMO-HA.3.4_12, NEMO-HA.3.4_13.NEMO-HA.3.4_14, NEMO-HA.3.4_15.		



No.	RFC Section	Item	Functional Specification	RFC	Function	TEST	G	T		D. ATTEMPT D. A. A.
	title Item			Status	al Rank		Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO-HA. 4.2. I.NEMO-HA. 4.2. 2. NEMO-HA. 4.2. 3. NEMO-HA. 4.2. 4. NEMO-HA. 4.2. 5. NEMO-HA. 4.2. 6. NEMO-HA. 4.2. 5. NEMO-HA. 4.2. 6. NEMO-HA. 4.2. 9. NEMO-HA. 4.2. 10. NEMO-HA. 4.2. 11. NEMO-HA. 4.2. 11. NEMO-HA. 4.2. 13. NEMO-HA. 4.2. 12. NEMO-HA. 4.2. 13. NEMO-HA. 4.2. 14. NEMO-HA. 4.3. 1. NEMO-HA. 4.2. 14. NEMO-HA. 4.3. 1. NEMO-HA. 4.3. 1. NEMO-HA. 4.3. 1. NEMO-HA. 4.3. 4. NEMO-HA. 4.3. 1. NEMO-HA. 4.3. 6. NEMO-HA. 4.3. 1. NEMO-HA. 4.3. 10. NEMO-HA. 4.3. 1. 1. NEMO-HA. 4.3. 10. NEMO-HA. 4.3. 1. 1. NEMO-HA. 4.3. 11. NEMO-HA. 4.3. 1. 1. NEMO-HA. 4.3. 14. NEMO-HA. 4.3. NEMO-HA. 4.3. 14. NEMO-HA. 4.3. NEMO-HA. 4.3. 14. NEMO-HA. 4.4. NEMO-HA. 4.4. 4. NEMO-HA. 4.4. 5. NEMO-HA. 4.4. 8. NEMO-HA. 4.4. 7. NEMO-HA. 4.4. 8. NEMO-HA. 4.4. 7. NEMO-HA. 4.4. 13. NEMO-HA. 4.4. 1. NEMO-HA. 4.4. 13.		
								NEMO HA. 5. 1. I. NEMO HA. 5. 1. 2. NEMO HA. 5. 1. 4. NEMO HA. 5. 1. 4. NEMO HA. 5. 1. 4. NEMO HA. 5. 2. 2. NEMO HA. 5. 2. 2. NEMO HA. 5. 2. 2. NEMO HA. 5. 2. 3. NEMO HA. 5. 2. 4. NEMO HA. 5. 3. 5. NEMO HA. 5. 3. 4. NEMO HA. 5. 3. 5. NEMO HA. 5. 3. 6. NEMO HA. 5. 4. 5. 5. 3. NEMO HA. 5. 4. 5. 1. NEMO HA. 5. 4. 5. 5. 3.		
								NEMO-HA, 6, 1, 1, NEMO-HA, 6, 1, 2, NEMO-HA, 6, 2, 1, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 3, NEMO-HA, 6, 2, 4, NEMO-HA, 6, 4, 1, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 5, 1, NEMO-HA, 6, 6, 1, NEMO-HA, 6, 7, NEMO-HA, 6, 7, 3, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 3, NEMO-HA, 6, 7, 6, 6, 10, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 6, 1, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 6, 1, NEMO-HA, 6,		
								NEMO-HA_9_1_1.NEMO-HA_9_1_2, NEMO-HA_9_1_3.NEMO-HA_9_1_4, NEMO-HA_9_1_5.NEMO-HA_9_1_6, NEMO-HA_9_1_7.NEMO-HA_9_1_8, NEMO-HA_9_1_1.NEMO-HA_9_1_1, NEMO-HA_9_1_1.NEMO-HA_9_1_12, NEMO-HA_9_1_1.3.NEMO-HA_9_1_14, NEMO-HA_9_1_15.NEMO-HA_9_1_16,	Real Home link, IKE	



No. RFC See	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank		Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA	
								NEMO-HA_9_2_3,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6.	Real Home link, Network mobility(same HA)	
24			If all checks are passed, the Home Agent creates a binding cache entry for Mobile Router's Home Address or updates the entry if it already exists. Otherwise, the Home Agent MUST NOT register the binding of the Mobile Router's Home Address.	MUST	A	A1	X	NEMO-HA_1_1_8 NEMO-HA_1_1_9, NEMO-HA_1_1_10, NEMO-HA_2_4, ANEMO-HA_2_2_5, NEMO-HA_2_2_6, NEMO-HA_2_2_6, NEMO-HA_2_2_6, NEMO-HA_2_2_11, NEMO-HA_2_2_11, NEMO-HA_2_2_1_1, NEMO-HA_2_2_6_7, NEMO-HA_2_6_6, N	Virtual Home link	Binding Update (registration)
								NEMO-HA 2, 8, 7. NEMO-HA 2, 8, 8, NEMO-HA 2, 8, 9. NEMO-HA 2, 8, 10. NEMO-HA 2, 8, 12. NEMO-HA 2, 8, 12. NEMO-HA 2, 10, 11. NEMO-HA 2, 10, 12. NEMO-HA 2, 10, 11. NEMO-HA 2, 10, 11. NEMO-HA 2, 10, 11. NEMO-HA 2, 11, 11. NEMO-HA 2, 11, 12. NEMO-HA 2, 11, 11. NEMO-HA 2, 11, 12. NEMO-HA 2, 11, 11. NEMO-HA 2, 11, 12. NEMO-HA 2, 11, 13. NEMO-HA 2, 11, 14. NEMO-HA 2, 11, 14. NEMO-HA 2, 11, 16. NEMO-HA 2, 11, 18. NEMO-HA 2, 12, 6.		
						A2	x	NEMO-HA, 1, 1, NEMO-HA, 1, 1, 2, NEMO-HA, 1, 1, 3, NEMO-HA, 1, 1, 4, NEMO-HA, 1, 1, 3, NEMO-HA, 1, 1, 6, NEMO-HA, 1, 1, 6, NEMO-HA, 1, 1, 6, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 2, 3, NEMO-HA, 2, 2, 2, NEMO-HA, 2, 2, 9, NEMO-HA, 2, 2, 10, NEMO-HA, 2, 2, 10, NEMO-HA, 2, 4, 1, NEMO-HA, 2, 4, 1, NEMO-HA, 2, 4, 1, NEMO-HA, 2, 4, 1, NEMO-HA, 2, 4, 3, NEMO-HA, 2, 4, 6, NEMO-HA, 2, 6, 3, NEMO-HA, 2, 6, 5, NEMO-HA, 2, 6, 6, NEMO-HA, 2, 6, 3, NEMO-HA, 2, 6, 6, NEMO-HA, 2, 6, 5, NEMO-HA, 2, 6, 6, NEMO-HA, 2, 6, 5, NEMO-HA, 2, 6, 6, NEMO-HA, 2, 6, 8, NEMO-HA, 2, 6, 6, NEMO-HA, 2, 6, 8, NEMO-HA, 2, 6	Real Home link	



No.	RFC Section	Item	Functional Specification	RFC	Function	TEST	G	TI AND	0.61	D. CERCER D. C.
	title Item			Status	al Rank	Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO HA, 2.8, 1. NEMO - HA, 2.8, 2. NEMO - HA, 2.8, 3. NEMO - HA, 2.8, 4. NEMO - HA, 2.8, 5. NEMO - HA, 2.8, 6. NEMO - HA, 2.10, 2. NEMO - HA, 2.10, 2. NEMO - HA, 2.10, 3. NEMO - HA, 2.10, 4. NEMO - HA, 2.10, 5. NEMO - HA, 2.11, 1. NEMO - HA, 2.11, 2. NEMO - HA, 2.11, 3. NEMO - HA, 2.11, 2. NEMO - HA, 2.11, 3. NEMO - HA, 2.1		
25			The Home Agent defends the Mobile Router's Home Address through Proxy Neighbor Discovery by multicasting a Neighbor Advertisement message onto the home link on behalf of the Mobile Router. All fields in the Proxy Neighbor Advertisement message should be set in the same way they would be set by the Mobile Router if it sent this Neighbor Advertisement while at home, as described in [6]. There is an exception: If the Mobile Router (R) Flag has been set in the Binding Update, the Router (R) bit in the Advertisement MUST be set.	MUST	A	A2	x	NEMO-HA_4_1_1.NEMO-HA_4_1_2	Real Home link	Binding Update (registration)
26			The Home Agent also creates a bi-directional tunnel to the Mobile Router for the requested Mobile Network Prefix or update an existing bi-directional tunnel as described in section 6.4.	(do)	A	A1				Refer to 6.4 in section 5.1.1 of NEMO(Network Mobility) Test Profile. (Establishment of Bi- directional Tunnel)
27	Advertising Mobile Network Reachability		To receive packets meant for the Mobile Network, the Home Agent advertises reachability to the Mobile Network.	(do)	A	A1				This function is implementaion-dependent. It does not effect on interoperability.
28			If the Home Link is configured with an aggregation prefix and the Mobile Network Prefix is aggregated under that prefix, then the routing changes related to	(do)	A	A1				This function is implementaion- dependent. It does not effect on interoperability.
29			If the Home Agent is the only default router on the Home Link, routes to the Mobile Network Prefix are get aggregated naturally under the Home Agent, which and the Home Agent does not have to do anything special.	(do)	A	A1				This function is implementaion-dependent. It does not effect on interoperability.



No.	RFC Section	RFC Section	Item	Functional Specification	RFC	Function	TEST				D. AMPROMINI
		title Item			Status		Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
30				If the Home Agent receives routing updates through a dynamic routing protocol from the Mobile Router, it can be configured to propagate those routes on the relevant interfaces.	(do)	-	-				This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing
31		Establishment of Bi-directional Tunnel		The implementation of the bi-directional tunnels and the mechanism for attaching them to the IP stack are outside the scope of this specification.	(do)	-	-				This function is implementaion-dependent. It does not effect on interoperability.
32				However, all implementations MUST be capable of the following operations. The Home Agent can tunnel packets meant for the Mobile Network prefix to the Mobile Router's current location, the Care-of Address. The Home Agent can accept packets tunneled by the Mobile Router with source address of the outer IPv6 header set to the Mobile Router's Care-of Address.	MUST	A	A1 A2	x	NEMO-HA, 5, 1, 5, NEMO-HA, 5, 1, 6, NEMO-HA, 5, 1, 7, NEMO-HA, 5, 2, 5, NEMO-HA, 5, 2, 6, NEMO-HA, 5, 2, 8, NEMO-HA, 5, 2, 8, NEMO-HA, 5, 2, 8, NEMO-HA, 5, 4, 12, NEMO-HA, 5, 4, 12, NEMO-HA, 5, 4, 12, NEMO-HA, 5, 4, 14, NEMO-HA, 5, 4, 14, NEMO-HA, 5, 4, 17, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 5, 4, NEMO-HA, 5, 5, 4, NEMO-HA, 5, 5, 4, NEMO-HA, 6, 4, 5, NEMO-HA, 6, 4, 8, NEMO-HA, 6, 4, 8, NEMO-HA, 6, 18, NEMO-HA, 9, 12, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 22, NEMO-HA, 9, 22, NEMO-HA,	Virtual Home link Virtual Home link, Nested mobility(Same HA)	bi-directional tunneling
									NEMO-HA. 9.2. 27.NEMO-HA. 9.2. 28. NEMO-HA. 5.1.1.NEMO-HA. 5.1.2. NEMO-HA. 5.1.3.NEMO-HA. 5.1.4. NEMO-HA. 5.2.1.NEMO-HA. 5.2.2. NEMO-HA. 5.2.1.NEMO-HA. 5.2.2. NEMO-HA. 5.3.5.NEMO-HA. 5.3.6. NEMO-HA. 5.3.8.NEMO-HA. 5.3.9. NEMO-HA. 5.3.1.NEMO-HA. 5.3.12. NEMO-HA. 5.4.1.NEMO-HA. 5.4.2. NEMO-HA. 5.4.7.NEMO-HA. 5.4.2. NEMO-HA. 5.4.1.NEMO-HA. 5.4.8. NEMO-HA. 5.4.1.1. NEMO-HA. 5.4.1.1. NEMO-HA. 5.4.1.1. NEMO-HA. 5.5.1.NEMO-HA. 5.5.3.	Real Home link	



No.	RFC Section	Item	Functional Specification	RFC	Function	TEST	G	T	C. C.	D (TECT D
	title Item			Status	al Rank	Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO-HA, 6, 1, I.NEMO-HA, 6, 1, 2, NEMO-HA, 6, 4, 2, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 6, 1, NEMO-HA, 6, 6, 6, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, 6, NEMO-HA, 6, 6, 7, NEMO-HA, 6, 6, 8, NEMO-HA, 6, 6, 9, NEMO-HA, 6, 6, 10, NEMO-HA, 6, 6, 11, NEMO-HA, 6, NEM		
								NEMO-HA_9_1_1, NEMO-HA_9_1_2, NEMO-HA_9_1_3, NEMO-HA_9_1_4, NEMO-HA_9_1_5, NEMO-HA_9_1_6, NEMO-HA_9_1_7, NEMO-HA_9_1_8, NEMO-HA_9_1_1, NEMO-HA_9_1_1, NEMO-HA_9_1_1, 11, NEMO-HA_9_1_12, NEMO-HA_9_1_13, NEMO-HA_9_1_14, NEMO-HA_9_1_13, NEMO-HA_9_1_16,		
								NEMO-HA 9.2.1, NEMO-HA 9.2.2, NEMO-HA 9.2.3, NEMO-HA 9.2.4, NEMO-HA 9.2.4, NEMO-HA 9.2.6, SNEMO-HA 9.2.6, NEMO-HA 9.2.7, NEMO-HA 9.2.7, NEMO-HA 9.2.8, NEMO-HA 9.2.1, NEMO-HA 9.2.11, NEMO-HA 9.2.11, NEMO-HA 9.2.12, NEMO-HA 9.2.13, NEMO-HA 9.2.14, NEMO-HA 9.2.13, NEMO-HA 9.2.14, NEMO-HA	Real Home link, Nested mobility(Same HA)	
33	Forwarding Packets		When the Home Agent receives a data packet destined for the Mobile Network, it MUST forward the packet to the Mobile Router through the bi-directional tunnel.	MUST	A	A1		NEMO-HA_5_1_5, NEMO-HA_5_1_6, NEMO-HA_5_1_7, NEMO-HA_5_2_5, NEMO-HA_5_2_6, NEMO-HA_5_2_6, NEMO-HA_5_4_3, NEMO-HA_5_4_3, NEMO-HA_5_4_18, NEMO-HA_5_4_14, NEMO-HA_5_4_14, NEMO-HA_5_4_14, NEMO-HA_5_4_14, NEMO-HA_5_4_14, NEMO-HA_5_4_15, NEMO-HA_5_4_16, NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_4_18, NEMO-HA_5_5_18, NEMO-HA_5_5_18, NEMO-HA_5_5_6, NEMO-HA_5_6_6, NEMO-HA_6_6_6, NEMO-HA_6_6_6_6, NEMO-HA_6_6_6, NEMO-H	Virtual Home link	Forwarding
								NEMO-HA, 9, 1, 17, NEMO-HA, 9, 1, 18, NEMO-HA, 9, 1, 19, NEMO-HA, 9, 1, 21, NEMO-HA, 9, 1, 22, NEMO-HA, 9, 1, 24, NEMO-HA, 9, 1, 24, NEMO-HA, 9, 1, 24, NEMO-HA, 9, 1, 26, NEMO-HA, 9, 1, 26, NEMO-HA, 9, 1, 28, NEMO-HA, 9, 1, 30, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 30, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 32, NEMO-HA, 9, 1		
						A2	X	NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 19, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 25, NEMO-HA, 9, 2, 26, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2	Virtual Home link, Network mobility(same HA)	
								NEMO-HA, 5.1, 1, NEMO-HA, 5.1, 2, NEMO-HA, 5.1, 3, NEMO-HA, 5.1, 4, NEMO-HA, 5.2, 1, NEMO-HA, 5.2, 2, NEMO-HA, 5.2, 4, NEMO-HA, 5.3, 6, NEMO-HA, 5.3, 8, NEMO-HA, 5.3, 6, NEMO-HA, 5.3, 8, NEMO-HA, 5.3, 9, NEMO-HA, 5.3, 10, NEMO-HA, 5.3, 12,	Real Home link	
								NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 2, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 6, NEMO-HA, 5, 4, 7, NEMO-HA, 5, 4, 8, NEMO-HA, 5, 4, 9, NEMO-HA, 5, 4, 10, NEMO-HA, 5, 4, 11, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 3,		



No.	RFC Section RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank		Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO HA. 9. 1. NEMO HA. 9. 1. 2. NEMO HA. 9. 1. 3. NEMO HA. 9. 1. 5. NEMO HA. 9. 1. 6. NEMO HA. 9. 1. 7. NEMO HA. 9. 1. 8. NEMO HA. 9. 1. 7. NEMO HA. 9. 1. 10. NEMO HA. 9. 1. 1. NEMO HA. 9. 1. 12. NEMO HA. 9. 1. 13. NEMO HA. 9. 1. 14. NEMO HA. 9. 1. 15. NEMO HA. 9. 1. 14. NEMO HA. 9. 1. 15.		
								NEMO-HA, 9, 2, 1.NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 3.NEMO-HA, 9, 2, 4, NEMO-HA, 9, 2, 6, NEMO-HA, 9, 2, 6, NEMO-HA, 9, 2, 7.NEMO-HA, 9, 2, 8, NEMO-HA, 9, 2, 9.NEMO-HA, 9, 2, 10, NEMO-HA, 2, 2, 11, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEMO-HA	Real Home link, Network mobility(same HA)	-
34		The Home Agent uses either the routing table, the Binding Cache, or a combination, to route packets to the Mobile NetworkThis is implementation specific. Two examples are shown below.		(do)	-	-				This function is implementaion-dependent. It does not effect on interoperability.
35			2. The Home Agent maintains a route to the Mobile Network Prefix with the outgoing interface set to the bi-directional tunnel interface between the Home Agent and the Mobile Router. For this purpose, the Home Agent MUST treat this tunnel as a tunnel interface. When the packets are forwarded through the tunnel interface, they are encapsulated automatically, with the source address and destination address in the outer IPv6 header set to the Home Agent's address and the Mobile Router's Care-of address, respectively.	MUST	-	-				This function is implementaion-dependent. It does not effect on interoperability.



No. RFC Section	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported	Test No.	Confuigration	Reason of TEST Priority
36 6.6.	Sending Binding Acknowledgeme nts		A Home Agent serving a Mobile Router sends Binding Acknowledgements with the same rules it uses for sending Binding Acknowledgements to Mobile Hosts [1],	(do)	A	A1				Refer to 8.4 in section 5.1.2 of NEMO(Network Mobility) Test Profile. Binding Acknowledgement (registration)
37		with the following enhancements.	The Home Agent sets the status code in the Binding Acknowledgement to 0 (Binding Update accepted) to indicate to the Mobile Router that it successfully processed the Binding Update.	(do)	A	A1	x	NEMO-HA, 2, 1, 5, NEMO-HA, 2, 1, 7, NEMO-HA, 2, 1, 1, NEMO-HA, 2, 2, 11, NEMO-HA, 2, 2, 12, NEMO-HA, 2, 2, 14, NEMO-HA, 2, 2, 14, NEMO-HA, 2, 2, 14, NEMO-HA, 2, 2, 14, NEMO-HA, 2, 5, 3, NEMO-HA, 2, 5, 4, NEMO-HA, 2, 5, 7, NEMO-HA, 2, 5, 8, NEMO-HA, 2, 6, 9, NEMO-HA, 2, 6, 10, NEMO-HA, 2, 6, 11, NEMO-HA, 2, 6, 11, NEMO-HA, 2, 7, 4, NEMO-HA, 2, 7, NEMO-HA, 2, 7, NEMO-HA, 2, 7, NEMO-HA, 2, 7, NEMO-HA, 2, 8, 10, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 12, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 11, 14, NEMO-HA, 2, 11, 14, NEMO-HA, 2, 12, 14, NEMO-HA, 2, 12, 14, NEMO-HA, 2, 12, 4, NEMO-HA, 3, 12, 15, NEMO-HA, 3, 11, NEMO-HA, 3, 11, NEMO-HA, 3, 12, NEMO-HA, 5, 17, NEMO-HA, 5, 17, NEMO-HA, 5, 17, NEMO-HA, 5, 18, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 5, 6, NEMO-HA, 5, 6, NEMO-HA	Virtual Home link	Binding acknowledgement



0. RFC Sec	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank		Supported	Test No.	Confuigration	Reason of TEST Priorit
								NEMO HA, 6, 1, 3, NEMO HA, 6, 1, 4, NEMO-HA, 6, 4, 5, NEMO-HA, 6, 4, 6, NEMO-HA, 6, 4, 8, NEMO-HA, 6, 4, 7, NEMO-HA, 6, 5, 8, NEMO-HA, 6, 5, 7, NEMO-HA, 6, 5, 8, NEMO-HA, 6, 6, 7, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 7, NEMO-HA, 8, 1, 8, NEMO-HA, 8, 1, 18, NEMO-HA, 8, 1, 18, NEMO-HA, 8, 1, 16, NEMO-HA, 8,		
								NEMO HA. 9. 1. 17. NEMO HA. 9. 1. 18. NEMO HA. 9. 1. 19. NEMO HA. 9. 1. 20. NEMO HA. 9. 1. 21. NEMO HA. 9. 1. 22. NEMO HA. 9. 1. 22. NEMO HA. 9. 1. 24. NEMO HA. 9. 1. 23. NEMO HA. 9. 1. 24. NEMO HA. 9. 1. 27. NEMO HA. 9. 1. 28. NEMO HA. 9. 1. 27. NEMO HA. 9. 1. 28. NEMO HA. 9. 1. 20. NEMO HA. 9. 1. 30. NEMO HA. 9. 1. 31. NEMO HA. 9. 1. 32.		
						A2		NEMO-HA_8_1_2.NEMO-HA_8_1_8. NEMO-HA_8_1_16. NEMO-HA_9_2_15.NEMO-HA_9_2_16. NEMO-HA_9_2_17.NEMO-HA_9_2_18. NEMO-HA_9_2_1 9_1.NEMO-HA_9_2_2.0.	Virtual Home link, IKE Virtual Home link, MPS/MPA Virtual Home link, Network mobility(same HA)	



No.	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	Supported	Test No.	Confuigration	Reason of TEST Priority
							NEMO-HA, 1, 1, 5, NEMO-HA, 1, 1, 6, NEMO-HA, 1, 1, 7, NEMO-HA, 2, 1, 1, 1, 7, NEMO-HA, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Real Home link	
							NEMO-HA. 3, 1, 1, NEMO-HA. 3, 1, 2, NEMO-HA. 3, 1, 3, NEMO-HA. 3, 1, 4, NEMO-HA. 3, 1, 6, NEMO-HA. 3, 1, 5, NEMO-HA. 3, 1, 6, NEMO-HA. 3, 1, 9, NEMO-HA. 3, 1, 10, NEMO-HA. 3, 3, 1, NEMO-HA. 3, 3, 3, NEMO-HA. 3, 3, 3, NEMO-HA. 3, 3, 3, NEMO-HA. 3, 3, 3, NEMO-HA. 3, 3, NEMO-HA. 3, 3, NEMO-HA. 3, 3, NEMO-HA. 3, 4, 1, NE		



No.	RFC Section	Item	Functional Specification	RFC	Function	TEST	g	m	G 61	D. CERTON D.
	title Item			Status	al Rank		Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO-HA, 4, 2, 1.NEMO-HA, 4, 2, 2. NEMO-HA, 4, 2, 3.NEMO-HA, 4, 2, 4. NEMO-HA, 4, 2, 5.NEMO-HA, 4, 2, 4. NEMO-HA, 4, 2, 5.NEMO-HA, 4, 2, 6. NEMO-HA, 4, 2, 5.NEMO-HA, 4, 2, 10. NEMO-HA, 4, 2, 9.NEMO-HA, 4, 2, 10. NEMO-HA, 4, 2, 11.NEMO-HA, 4, 2, 11. NEMO-HA, 4, 2, 13.NEMO-HA, 4, 2, 14. NEMO-HA, 4, 2, 13.NEMO-HA, 4, 2, 14. NEMO-HA, 4, 3, 1.NEMO-HA, 4, 3, 2. NEMO-HA, 4, 3, 1.NEMO-HA, 4, 3, 4. NEMO-HA, 4, 3, 1.NEMO-HA, 4, 3, 6. NEMO-HA, 4, 3, 1.NEMO-HA, 4, 3, 10. NEMO-HA, 4, 3, 1.NEMO-HA, 4, 3, 10. NEMO-HA, 4, 3, 1.NEMO-HA, 4, 3, 10. NEMO-HA, 4, 3, 13.NEMO-HA, 4, 3, 14. NEMO-HA, 4, 3, 13.NEMO-HA, 4, 3, 14. NEMO-HA, 4, 3, 15.NEMO-HA, 4, 3, 16. NEMO-HA, 4, 4, 4, 15.NEMO-HA, 4, 4, 4, 2. NEMO-HA, 4, 4, 4, 15.NEMO-HA, 4, 4, 4, 4, 5. NEMO-HA, 4, 4, 4, 9.NEMO-HA, 4, 4, 4, 13. NEMO-HA, 4, 4, 9.NEMO-HA, 4, 4, 13. NEMO-HA, 4, 4, 9.NEMO-HA, 4, 4, 13. NEMO-HA, 4, 1, 1.NEMO-HA, 4, 4, 13. NEMO-HA, 5, 1, 1.NEMO-HA, 5, 1, 2. NEMO-HA, 5, 2, 1.NEMO-HA, 5, 2, 2. NEMO-HA, 5, 2, 3.NEMO-HA, 5, 2, 4. NEMO-HA, 5, 3, 1.NEMO-HA, 5, 3, 6. NEMO-HA, 5, 3, 5.NEMO-HA, 5, 3, 6.		
								NEMO-HA, 5.3, 5.NEMO-HA, 5.3, 6. NEMO-HA, 5.4, 1.NEMO-HA, 5.4, 2. NEMO-HA, 5.4, 1.NEMO-HA, 5.4, 6. NEMO-HA, 5.4, 5.NEMO-HA, 5.4, 6. NEMO-HA, 5.4, 7.NEMO-HA, 5.4, 10. NEMO-HA, 5.4, 7.NEMO-HA, 5.4, 11. NEMO-HA, 5.4, 11. NEMO-HA, 5.4, 11. NEMO-HA, 5.5, 1.NEMO-HA, 6.5, 2. NEMO-HA, 6.2, 1.NEMO-HA, 6.1, 2. NEMO-HA, 6.2, 1.NEMO-HA, 6.2, 2. NEMO-HA, 6.2, 1.NEMO-HA, 6.2, 2. NEMO-HA, 6.4, 1.NEMO-HA, 6.4, 2. NEMO-HA, 6.4, 1.NEMO-HA, 6.4, 2. NEMO-HA, 6.4, 1.NEMO-HA, 6.5, 2. NEMO-HA, 6.4, 1.NEMO-HA, 6.5, 2. NEMO-HA, 6.5, 1.NEMO-HA, 6.5, 2. NEMO-HA, 6.5, 1.NEMO-HA, 6.5, 2. NEMO-HA, 6.5, 1.NEMO-HA, 6.5, 2. NEMO-HA, 6.6, 1.NEMO-HA, 6.6, 1. NEMO-HA, 6.9, NEMO-HA, 6.6, 1. NEMO-HA, 6.6, 1. NEMO-HA, 6.6, 1. NEMO-HA, 6.7, 5.NEMO-HA, 6.6, 1. NEMO-HA, 6.7, 5.NEMO-HA, 6.7, 5.		
								NEMO-HA. 9.1. 1.NEMO-HA. 9.1.2. NEMO-HA. 9.1.3.NEMO-HA. 9.1.4. NEMO-HA. 9.1.5.NEMO-HA. 9.1.6. NEMO-HA. 9.1.7.NEMO-HA. 9.1.8. NEMO-HA. 9.1.9.NEMO-HA. 9.1.10. NEMO-HA. 9.1.11.NEMO-HA. 9.1.2. NEMO-HA. 9.1.13.NEMO-HA. 9.1.14. NEMO-HA. 9.1.15.NEMO-HA. 9.1.16.	Real Home link, IKE	



No. RFC Section	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank		Supported		Confuigration	Reason of TEST Priority
								NEMO-HA_8_1_15, NEMO-HA_9_2_1,NEMO-HA_9_2_2, NEMO-HA_9_2_3,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6,	Real Home link, MPS/MPA Real Home link, Network mobility(same HA)	
38			It also sets the Mobile Router Flag (R) to indicate to the Mobile Router that it has set up forwarding for the Mobile Network.	(do)	A	A1	•	NEMO-HA, 2, 1, 5, NEMO-HA, 2, 1, 7, NEMO-HA, 2, 1, 11, NEMO-HA, 2, 2, 12, NEMO-HA, 2, 2, 14, NEMO-HA, 2, 5, 4, NEMO-HA, 2, 5, 7, NEMO-HA, 2, 5, 8, NEMO-HA, 2, 6, 11, NEMO-HA, 2, 7, NEMO-HA, 2, 7, NEMO-HA, 2, 7, NEMO-HA, 2, 7, NEMO-HA, 2, 8, 18, NEMO-HA, 2, 8, NEMO-HA, 2, 11, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, 11, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, 11, NEMO-HA, 2, 11, 14, NEMO-HA, 3, 1, 15, NEMO-HA, 3, 1, 17, NEMO-HA, 3, 1, 18, NEMO-HA, 3,		Binding acknowledgement



No.	RFC Section	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Supported		Confuigration	Reason of TEST Priority
									NEMO-HA, 6, 1, 3, NEMO-HA, 6, 1, 4, NEMO-HA, 6, 1, 5, NEMO-HA, 6, 4, 6, NEMO-HA, 6, 4, 8, NEMO-HA, 6, 4, 8, NEMO-HA, 6, 5, 5, NEMO-HA, 6, 5, 6, NEMO-HA, 6, 5, 7, NEMO-HA, 6, 5, 8, NEMO-HA, 6, 5, 7, NEMO-HA, 6, 6, 4, NEMO-HA, 6, 1, 2, NEMO-HA, 6, 6, 1, 13, NEMO-HA, 6, 1, 14, NEMO-HA, 6, 1, 14, NEMO-HA, 6, 1, 17, NEMO-HA, 6, 17, NEMO-HA, 8, 1, 18, NEMO-HA, 8, 1, 18, NEMO-HA, 8, 1, 18, NEMO-HA, 8, 1, 18, NEMO-HA, 8, 1, 2, NEMO-HA, 8, 1, 18, NEMO-HA, 9, 1, 2, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 20		
							A2		NEMO-HA_8_1_2.NEMO-HA_8_1_8. NEMO-HA_8_1_16. NEMO-HA_9_2_15.NEMO-HA_9_2_16. NEMO-HA_9_2_17.NEMO-HA_9_2_18. NEMO-HA_9_2_19.NEMO-HA_9_2_20.	Virtual Home link, IKE Virtual Home link, MPS/MPA Virtual Home link, Network mobility(same HA)	



No.	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank	Supported	Test No.	Confuigration	Reason of TEST Priority
							NEMO-HA. 1.1.5 NEMO HA. 1.1.6. NEMO-HA. 1.1.7. NEMO-HA. 2.1.2. NEMO-HA. 2.1.3 NEMO-HA. 2.1.2. NEMO-HA. 2.1.3 NEMO-HA. 2.1.4. NEMO-HA. 2.1.6 NEMO-HA. 2.1.5. NEMO-HA. 2.1.6 NEMO-HA. 2.1.5. NEMO-HA. 2.2.5. NEMO-HA. 2.2.13. NEMO-HA. 2.2.13. NEMO-HA. 2.3.1. NEMO-HA. 2.3.1. NEMO-HA. 2.3.2. NEMO-HA. 2.3.3. NEMO-HA. 2.3.3. NEMO-HA. 2.3.3. NEMO-HA. 2.3.4. NEMO-HA. 2.5. NEMO-HA. 2.5. NEMO-HA. 2.5. NEMO-HA. 2.5. NEMO-HA. 2.6. NEMO-HA. 2.6. NEMO-HA. 2.6. NEMO-HA. 2.7. NEMO-HA. 2.8. NEMO-HA. 2.9. NEMO-HA. 2.9. NEMO-HA. 2.9. NEMO-HA. 2.9.5. NEMO-HA. 2.9.5. NEMO-HA. 2.10.4. NEMO-HA. 2.11.4. NEMO-HA. 2.11.4.	Real Home link	
							NEMO-HA_3_1_1.NEMO-HA_3_1_2, NEMO-HA_3_1_3.NEMO-HA_3_1_4, NEMO-HA_3_1.5.NEMO-HA_3_1_6, NEMO-HA_3_1.5.NEMO-HA_3_1_6, NEMO-HA_3_1.7.NEMO-HA_3_1_8, NEMO-HA_3_1_9.NEMO-HA_3_1_10, NEMO-HA_3_3_3.NEMO-HA_3_3_1. NEMO-HA_3_3_3.NEMO-HA_3_3_4, NEMO-HA_3_3_5.NEMO-HA_3_3_4. NEMO-HA_3_3_7.NEMO-HA_3_3_8, NEMO-HA_3_4_1.NEMO-HA_3_4_4. NEMO-HA_3_4_1.NEMO-HA_3_4_4. NEMO-HA_3_4_7.NEMO-HA_3_4_8, NEMO-HA_3_4_1.NEMO-HA_3_4_1. NEMO-HA_3_4_1.NEMO-HA_3_4_1. NEMO-HA_3_4_1.NEMO-HA_3_4_1. NEMO-HA_3_4_1.NEMO-HA_3_4_1. NEMO-HA_3_4_1.NEMO-HA_3_4_1. NEMO-HA_3_4_1.NEMO-HA_3_4_1. NEMO-HA_3_4_1.NEMO-HA_3_4_1. NEMO-HA_3_4_1.NEMO-HA_3_4_1. NEMO-HA_3_4_1.NEMO-HA_3_4_1.1 NEMO-HA_3_4_1.		



No.	RFC Section	Item	Functional Specification	RFC	Function	TEST	g	m	0.61	D. AMERICAN D. L.
	title Item			Status	al Rank		Supported	Test No.	Confuigration	Reason of TEST Priority
								NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 3, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 10, NEMO-HA, 4, 2, 10, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, NEMO-HA, 4, 3, 5, NEMO-HA, 4, 3, 10, NEMO-HA, 4, 3, 10, NEMO-HA, 4, 3, 10, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 13, NEMO-HA, 4, 3, 14, NEMO-HA, 4, 3, 15, NEMO-HA, 4, 3, 16, NEMO-HA, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,		
								NEMO-HA, 5.2, 3.NEMO-HA, 5.2, 4, NEMO-HA, 5.3, 1.NEMO-HA, 5.3, 1.NEMO-HA, 5.3, 1.NEMO-HA, 5.3, 8, NEMO-HA, 5.3, 8, NEMO-HA, 5.4, 2, NEMO-HA, 5.4, 5.NEMO-HA, 5.4, 5.NEMO-HA, 5.4, 5.NEMO-HA, 5.4, 5.NEMO-HA, 5.4, 6, NEMO-HA, 5.4, 7.NEMO-HA, 5.4, 111, NEMO-HA, 5.4, 111, NEMO-HA, 5.5, 1.NEMO-HA, 5.5, 3, NEMO-HA, 5.5, 1.NEMO-HA, 6.1, 2, NEMO-HA, 6.1, 1.NEMO-HA, 6.1, 2, NEMO-HA, 6.1, 2, NEM		
								NEMO-HA, 6, 2, 1.NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 3.NEMO-HA, 6, 2, 4. NEMO-HA, 6, 4, 3.NEMO-HA, 6, 4, 2, NEMO-HA, 6, 4, 3.NEMO-HA, 6, 4, 4. NEMO-HA, 6, 5, 3.NEMO-HA, 6, 5, 2. NEMO-HA, 6, 5, 3.NEMO-HA, 6, 5, 4. NEMO-HA, 6, 5, 3.NEMO-HA, 6, 6, 2. NEMO-HA, 6, 6, 1.NEMO-HA, 6, 6, 2. NEMO-HA, 6, 6, 1.NEMO-HA, 6, 6, 8. NEMO-HA, 6, 6, 7.NEMO-HA, 6, 6, 8. NEMO-HA, 6, 6, 11. NEMO-HA, 6, 7, 1.NEMO-HA, 6, 7, 3. NEMO-HA, 6, 7, 1.NEMO-HA, 6, 7, 3. NEMO-HA, 6, 7, 5.NEMO-HA, 6, 7, 3.		
									Real Home link, IKE	



No.	RFC Section	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank		Supported	Test No.	Confuigration	Reason of TEST Priority
									NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA	
									NEMO-HA. 9. 2. 1. NEMO-HA. 9. 2. 2. NEMO-HA. 9. 2. 3. NEMO-HA. 9. 2. 4. NEMO-HA. 9. 2. 5. NEMO-HA. 9. 2. 6. NEMO-HA. 9. 2. 7. NEMO-HA. 9. 2. 8. NEMO-HA. 9. 2. 9. NEMO-HA. 9. 2. 10. NEMO-HA. 9. 2. 11. NEMO-HA. 9. 2. 12. NEMO-HA. 9. 2. 13. NEMO-HA. 9. 2. 14.	Real Home link, Network mobility(same HA)	
39				If the Home Agent is not configured to support Mobile Routers, it sets the status code in the Binding Acknowledgement to 140 (Mobile	(do)	A	A1	х	NEMO-HA_2_10_7,NEMO-HA_2_10_8, NEMO-HA_2_10_11,	Virtual Home link	Binding acknowledgement
				Router Operation not permitted).			A2	х	NEMO-HA_2_10_1,NEMO-HA_2_10_2, NEMO-HA_2_10_5,	Real Home link	5
40				If one or more prefixes received in the Binding Update are invalid and the Home Agent cannot set up forwarding for the prefixes, the Home Agent sets the status code in the Binding Acknowledgement to 141 (Invalid Prefix) to indicate this to the Mobile Router.	(do)	A	A1	х	NEMO-HA_2_11_15, NEMO-HA_2_11_17,NEMO-HA_2_11_18,	Virtual Home link	Binding acknowledgement
				, ,			A2	х	NEMO-HA_2_11_5, NEMO-HA_2_11_7,NEMO-HA_2_11_8,	Real Home link	_
41				If the Mobile Router is not authorized to use this Home Address to forward packets for one or more prefixes present in the Binding Update, the Home Agent sets the status code in the Binding Acknowledgement to '142' (Not Authorized for Prefix) to indicate	(do)	A	A1	х	NEMO-HA_2_11_19,	Virtual Home link	Binding acknowledgement
				this.			A2	х	NEMO-HA_2_11_9,	Real Home link	
42				The Home Agent sets the status code to 143 (Forwarding Setup failed) if it is unable to determine the information needed to set up forwarding for the Mobile Network. This is used in the Implicit mode, in which the Mobile Router does not include any prefix information in the Binding Update.	(do)	A	A1	х	NEMO-HA, 2, 11_11, NEMO-HA, 2, 12_6,	Virtual Home link	Binding acknowledgement
							A2	х	NEMO-HA_2_11_1, NEMO-HA_2_12_3,	Real Home link	-
43	6.7.	Mobile Network Prefix De- Registration	k	When the Home Agent successfully processes the de-registration BU, it deletes the Binding Cache Entry for the Mobile Router's Home Address and stops proxying the Home Address. This is described in detail in the Mobile IPv6 specification [1].	(do)	A	A1				Refer to 10.3.2 in section 5.1.2 of NEMO(Network Mobility) Test Profile. Binding acknowledgement (de-registration)



No.	RFC Section title Item	Item	Functional Specification	RFC Status	Function al Rank		Supported	Test No.	Confuigration	Reason of TEST Priority
44			In addition, the Home Agent removes the bi-directional tunnel and stops forwarding packets to the Mobile Network. The Home Agent should keep all necessary information to clean up whichever routes it installed, whether they come from an implicit or explicit source.	(do)	A	A1	A	NEMO-HA_6_7_3,		Binding acknowledgement (de-registration)
45			In Explicit mode, the Home Agent MUST ignore any Mobile Network Prefix Options present in the de-registration Binding Update.	MUST	A	A1	X V	NEMO-HA_6_7_3,	Virtual Home link	Binding update (de-registration)
						A2	X	NEMO-HA, 3, 4, 2, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 4, NEMO-HA, 3, 4, 5, NEMO-HA, 3, 4, 7, NEMO-HA, 3, 4, 8, NEMO-HA, 3, 4, 9, NEMO-HA, 3, 4, 10, NEMO-HA, 3, 4, 12, NEMO-HA, 3, 4, 13, NEMO-HA, 3, 4, 14, NEMO-HA, 3, 4, 13, NEMO-HA, 3, 4, 14, NEMO-HA, 3, 4, 15,	Real Home link	

 $[1]\;\;D.\;$ Johnson, C. Perkins and J. Arkko. Mobility Support in IPv6. RFC3775, IETF. June 2004.

[6] T. Narten, E. Nordmark and W. Simpson. Neighbour Discovery for IP Version 6 (IPv6). RFC 2461, IETF. December 1998.



No.	RFC Section	RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
1	7	Modifications to Dynamic Home Agent Address Discovery	This document extends the Dynamic Home Agent Address Discovery (DHAAD) defined in [1] so that Mobile Routers attempt registration with Home Agents that support them.	MR HA	(do)	A	A2	x	NEMO-MR-5-1-2-1-002 NEMO-MR-5-1-2-1-016 NEMO-MR-5-1-2-1-016 NEMO-MR-5-1-2-1-016 NEMO-HA_7_1_2. NEMO-HA_7_1_4. NEMO-HA_7_1_6. NEMO-HA_7_1_6. NEMO-HA_7_1_5. NEMO-HA_7_2_1.NEMO-HA_7_2_2. NEMO-HA_7_2_1.NEMO-HA_7_2_2. NEMO-HA_7_2_1.NEMO-HA_7_2_2. NEMO-HA_7_2_3.NEMO-HA_7_2_2. NEMO-HA_7_2_3.NEMO-HA_7_2_2. NEMO-HA_7_2_1.NEMO-HA_7_2_1. NEMO-HA_7_2_1.NEMO-HA_7_2_1. NEMO-HA_7_2_1.S.NEMO-HA_7_2_1. NEMO-HA_7_2_1.S.NEMO-HA_7_2_1. NEMO-HA_7_2_1.S.NEMO-HA_7_2_1. NEMO-HA_7_2_1.S.NEMO-HA_7_2_2. NEMO-HA_7_2_1.S.NEMO-HA_7_2_2. NEMO-HA_7_2_1.S.NEMO-HA_7_2_2. NEMO-HA_7_3_1.NEMO-HA_7_6_2. NEMO-HA_7_6_3.NEMO-HA_7_6_6. NEMO-HA_7_6_5.NEMO-HA_7_6_6. NEMO-HA_7_6_7.NEMO-HA_7_6_8. NEMO-HA_7_6_7.NEMO-HA_7_6_8. NEMO-HA_7_6_7.NEMO-HA_7_6_6.	DHAAD Virtual Home Link, DHAAD Real Home link, DHAAD	DHAAD refer to 10.5 and 11.4 in section 5.1.2 of NEMO(Network Mobility) Test Profile
2		Modified Dynamic Home Agent Address Discovery Request	A new flag (R) (Support for Mobile Routers) is introduced in the DHAAD request message, defined in [1]. The Mobile Router sets this flag to indicate that it wants to discover Home Agents that supporting Mobile Routers.	MR	(do)	A	A2	х	NEMO-MR-5-1-1-1-001 NEMO-MR-5-1-1-1-005 NEMO-MR-5-1-1-1-006	DHAAD	DHAAD
3		-	0 1 2 3 3 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7	MR	(do)	A	A2				DHAAD
4		Modified Dynamic Home	A new flag (R) (Support for Mobile Routers) is introduced in the DHAAD reply message, defined in [1].– If a Home Agent receives a	НА	MUST	A	A2	х	NEMO-HA_7_1_2,NEMO-HA_7_1_4,	Virtual Home Link, DHAAD	DHAAD



		Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Priority
	title Item		nodes	Status	al Rank	Priority	ed			
	Agent Address Discovery Reply	Dynamic Home Agent Discovery request message with the Mobile Router Support Flag set, it MUST reply with a list of Home Agents supporting Mobile Routers.						NEMO-HA_7_1_1.NEMO-HA_7_1_3, NEMO-HA_7_2_1.NEMO-HA_7_2_2, NEMO-HA_7_2_3.NEMO-HA_7_2_6, NEMO-HA_7_2_5.NEMO-HA_7_2_6, NEMO-HA_7_2_7.NEMO-HA_7_2_10, NEMO-HA_7_2_9.NEMO-HA_7_2_10, NEMO-HA_7_2_11,NEMO-HA_7_2_12, NEMO-HA_7_2_13.NEMO-HA_7_2_14, NEMO-HA_7_2_13.NEMO-HA_7_2_14, NEMO-HA_7_2_15,	Real Home link, DHAAD	
								NEMO-HA_7_3_1, NEMO-HA_7_3_2, NEMO-HA_7_4_1, NEMO-HA_7_4_2, NEMO-HA_7_5_1, NEMO-HA_7_6_1, NEMO-HA_7_6_2, NEMO-HA_7_6_3, NEMO-HA_7_6_6, NEMO-HA_7_6_7, NEMO-HA_7_6_6, NEMO-HA_7_6_7, NEMO-HA_7_6_8, NEMO-HA_7_6_9, NEMO-HA_7_6_10		
5		The Mobile Router Support Flag MUST be set if there is at least one Home Agent that supporting Mobile Routers.	HA	MUST	A	A2	х	NEMO-HA_7_1_2,NEMO-HA_7_1_4,	Virtual Home Link, DHAAD	DHAAD
		is at reast one from Figure that supporting mobile moders.							Real Home link, DHAAD	
								NEMO-HA_7_3_1, NEMO-HA_7_3_2, NEMO-HA_7_4_1, NEMO-HA_7_4_2, NEMO-HA_7_5_1, NEMO-HA_7_6_2, NEMO-HA_7_6_1, NEMO-HA_7_6_6, NEMO-HA_7_6_5, NEMO-HA_7_6_6, NEMO-HA_7_6_5, NEMO-HA_7_6_6, NEMO-HA_7_6_7, NEMO-HA_7_6_8, NEMO-HA_7_6_7, NEMO-HA_7_6_6,		
6		If none of the Home Agents support Mobile Routers, the Home Agent MAY reply	HA	MAY	В	В	х	NEMO-HA_7_1_6,	Virtual Home Link, DHAAD	DHAAD
		with a list of Home Agents that only support Mobile IPv6 Mobile Nodes.							Real Home link, DHAAD	



No.	RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
								NEMO-HA_7_3_1.NEMO-HA_7_3_2. NEMO-HA_7_4_1.NEMO-HA_7_4_2. NEMO-HA_7_6_1.NEMO-HA_7_6_2. NEMO-HA_7_6_3.NEMO-HA_7_6_6. NEMO-HA_7_6_5.NEMO-HA_7_6_6. NEMO-HA_7_6_7.NEMO-HA_7_6_6. NEMO-HA_7_6_9.NEMO-HA_7_6_10.		
7		In this case, the Mobile Router Support Flag MUST be set to 0.	HA	MUST	A	A2	х	NEMO-HA_7_1_6,	Virtual Home Link, DHAAD	DHAAD
								NEMO-HA, 7, 1, 5, NEMO-HA, 7, 2, 1, NEMO-HA, 7, 2, 2, NEMO-HA, 7, 2, 3, NEMO-HA, 7, 2, 4, NEMO-HA, 7, 2, 5, NEMO-HA, 7, 2, 6, NEMO-HA, 7, 2, 7, NEMO-HA, 7, 2, 10, NEMO-HA, 7, 2, 11, NEMO-HA, 7, 2, 11, NEMO-HA, 7, 2, 11, NEMO-HA, 7, 2, 12, NEMO-HA, 7, 2, 11, NEMO-HA, 7, 2, 12, NEMO-HA, 7, 2, 13, NEMO-HA, 7, 2, 14, NEMO-HA, 7, 2, 15, NEMO-HA, 7, 2, 14,	Real Home link, DHAAD	
								NEMO-HA_7_3_1.NEMO-HA_7_3_2. NEMO-HA_7_4_1.NEMO-HA_7_4_2. NEMO-HA_7_5_1. NEMO-HA_7_6_1.NEMO-HA_7_6_2. NEMO-HA_7_6_3.NEMO-HA_7_6_6. NEMO-HA_7_6_5.NEMO-HA_7_6_8. NEMO-HA_7_6_7.NEMO-HA_7_6_8. NEMO-HA_7_6_9.NEMO-HA_7_6_10		
8		The modified message format is as follows.	HA	(do)	A	A2	х	NEMO-HA_7_1_2,NEMO-HA_7_1_4, NEMO-HA_7_1_6,	Virtual Home Link, DHAAD	DHAAD
		0 1 2 3 3 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1								



No	RFC S	RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
			For a description of the other fields in the message, see [1].						NEMO-HA_7_1_1.NEMO-HA_7_1_3. NEMO-HA_7_1_5. NEMO-HA_7_2_1.NEMO-HA_7_2_2. NEMO-HA_7_2_2.NEMO-HA_7_2_4. NEMO-HA_7_2_5.NEMO-HA_7_2_4. NEMO-HA_7_2_5.NEMO-HA_7_2_6. NEMO-HA_7_2_5.NEMO-HA_7_2_10. NEMO-HA_7_2_1.NEMO-HA_7_2_12. NEMO-HA_7_2_13.NEMO-HA_7_2_12. NEMO-HA_7_2_13.NEMO-HA_7_2_14. NEMO-HA_7_2_13.NEMO-HA_7_2_14. NEMO-HA_7_2_15. NEMO-HA_7_4_1.NEMO-HA_7_4_2. NEMO-HA_7_5_1. NEMO-HA_7_6_1.NEMO-HA_7_6_2. NEMO-HA_7_6_1.NEMO-HA_7_6_8. NEMO-HA_7_6_7.NEMO-HA_7_6_8. NEMO-HA_7_6_7.NEMO-HA_7_6_8. NEMO-HA_7_6_7.NEMO-HA_7_6_8.	Real Home link, DHAAD	
9	7.3	Modified Home Agent Information Option	A new flag (R) (Support for Mobile Routers) is introduced in the Hom Agent Information Option defined in [1]. If a Home Agent supports Mobile Routers, it SHOULD set the flag.	⊧НА	SHOULD	A	A2	x	NEMO HA. 7.1.1.NEMO-HA. 7.1.3. NEMO HA. 7.1.1.NEMO-HA. 7.2.2. NEMO HA. 7.2.1.NEMO HA. 7.2.4. NEMO HA. 7.2.3.NEMO HA. 7.2.4. NEMO HA. 7.2.5.NEMO HA. 7.2.4. NEMO HA. 7.2.5.NEMO HA. 7.2.8. NEMO HA. 7.2.7.NEMO HA. 7.2.10. NEMO HA. 7.2.9.NEMO HA. 7.2.11. NEMO HA. 7.2.13.NEMO HA. 7.2.12. NEMO HA. 7.2.13.NEMO HA. 7.2.14. NEMO HA. 7.2.15.NEMO HA. 7.2.14. NEMO HA. 7.3.1.NEMO HA. 7.3.2. NEMO HA. 7.3.1.NEMO HA. 7.3.2. NEMO HA. 7.5.1. NEMO HA. 7.5.1. NEMO HA. 7.6.3.NEMO HA. 7.6.4. NEMO HA. 7.6.3.NEMO HA. 7.6.6. NEMO HA. 7.6.7.NEMO HA. 7.6.6.	Real Home link, DHAAD	Router advertisement
10			0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	НА	(do)	A	A2	x	NEMO-HA_7_6_9,NEMO-HA_7_6_10 NEMO-HA_7_1_1,NEMO-HA_7_1_3, NEMO-HA_7_1_5, NEMO-HA_7_2_1,NEMO-HA_7_2_2, NEMO-HA_7_2_5,NEMO-HA_7_2_4, NEMO-HA_7_2_5,NEMO-HA_7_2_6, NEMO-HA_7_2_7,NEMO-HA_7_2_10, NEMO-HA_7_2_1,NEMO-HA_7_2_10, NEMO-HA_7_2_1,NEMO-HA_7_2_12, NEMO-HA_7_2_1,NEMO-HA_7_2_12, NEMO-HA_7_2_1,NEMO-HA_7_2_12, NEMO-HA_7_2_13,NEMO-HA_7_2_14, NEMO-HA_7_2_13,NEMO-HA_7_2_14, NEMO-HA_7_2_15,	Real Home link, DHAAD	Home agent information option



No.	RFC Section	RFC Section	Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Priority
		title Item		nodes	Status	al Rank	Priority	ed			
			Mobile Router Support Flag (R) A one-bit flag that when set indicates that the Home Agent supports Mobile Routers. For a description of the other fields in the message, see [1].						NEMO HA, 7, 3, 1, NEMO-HA, 7, 3, 2, NEMO HA, 7, 4, 1, NEMO-HA, 7, 4, 2, NEMO HA, 7, 5, 1, NEMO HA, 7, 6, 1, NEMO HA, 7, 6, 2, NEMO HA, 7, 6, 3, NEMO HA, 7, 6, 4, NEMO HA, 7, 6, 7, NEMO HA, 7, 6, 8, NEMO HA, 7, 6, 7, NEMO HA, 7, 6, 8, NEMO HA, 7, 6, 7, NEMO HA, 7, 6, 1, NEMO HA, 7, 6, 7, NEMO HA, 7, 6, 1, NEMO HA, 7, 6, 7, NEMO HA, 7, 6, 1,		
11	8	Support for Dynamic Routing Protocols	In the solution described so far, forwarding to the mobile network at the Home Agent is set up when the Home Agent receives a Binding Update from the Mobile Router. An alternative to this is for the Home Agent and the Mobile Router to run an intra-domain routing protocol such as RIPng [12] and OSPF [13] through the bi-directional tunnel. The Mobile Router can continue running the same routing protocol that it ran when attached to the home link.	MR	(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
12			Support for running a intra-domain routing protocol is optional and is governed by the configuration on the Mobile Router and the Home Agent.	MR	(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing
				НА	(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing
13			This feature is very useful when the Mobile Network is large with multiple subnets containing different IPv6 prefixes. Routing changes in the Mobile Network are quickly propagated to the Home Agent. Routing changes in the home link are quickly propagated to the Mobile Router.	MR	(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
				НА	(do)	В	В			DRP	This function is implementation-dependent. It does not effect on interoperability. *Dynamic routing protocol



No.	RFC Section RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
14		When the Mobile Router is attached to the home link, it runs a routing protocol by sending routing updates through its egress interface.	MR	(do)	A	A2			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
15		When the Mobile Router moves and attaches to a visited network, it should stop sending routing updates on the interface by which it attaches to the visited link. This reduces the chances that prefixes specific to the Mobile Network will be leaked to the visited network if routing protocol authentication is not enabled in the visited network and in the Mobile Network. It is expected that normal deployment practices will include proper authentication mechanisms to prevent unauthorized route announcements on both the home and visited networks.	MR	shoulod	A	A2			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
16		The Mobile Router then starts sending routing protocol messages through the bi-directional tunnel towards the Home Agent. Most routing protocols use link-local addresses as source addresses for the routing information messages. The Mobile Router is allowed to use link-local addresses for the inner IPv6 header of an encapsulated packet. But these MUST NOT be forwarded to another link by either the Mobile Router or the Home Agent.	MR	MUST NOT	A	A2			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
17		When the Home Agent receives the inner packet, it processes the encapsulated routing protocol messages and updates its routing table accordingly. As part of normal routing protocol operation, the next hop information in these routing entries is filled with the Mobile Router's link local address with the outgoing interface set to the bi-directional tunnel.	НА	(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
18		Similary, the Home Agent also sends routing updates through the bi- directional tunnel to the Mobile Router. The Mobile Router processes these routing protocol messages and updates its routing table. For all routes advertised by the Home Agent, the Mobile Router sets the outgoing interface to the bi-directional tunnel to the Home Agent.		(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol



No.	RFC Section	RFC Section	Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Priority
1 101		title Item	and one of the contraction	nodes	Status	al Rank		ed	16501161		Treated to 125111101119
				НА	(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
19			When the Mobile Router and the Home Agent exchange routes through a dynamic routing protocol, the Mobile Router SHOULD NOT include Mobile Network Prefixes in the Binding Update to the Home Agent. The Home Agent Depending on its configuration, the Home Agent might not add routes based on the prefix information in the Binding Updates at all, and might use only the routing protocol updates. Moreover, including prefix information in both the Binding Updates and the routing protocol updates is redundant.	MR	SHOULD NOT	A	A2			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
20			As the routing protocol messages from the Home Agent to the Mobile Router could potentially contain information about the internal routing structure of the home network, these messages require authentication and confidentiality protection. Appropriate authentication and confidentiality protection mechanisms, defined in [14], MUST be used. For protecting routing protocol messages by using IPsec ESP [4], the bi-directional tunnel between the Mobile Router and the Home Agent should be treated as the outgoing interface, with the Home Agent's and Mobile Router's addresses as source and destination addresses for the inner encapsulated messages.		MUST	A	A2			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
21			If a link state routing protocol such as OSPFv3 is run by the Mobile Router and the Home Agent, the recommendations in Appendix B should be followed.	НА	(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
22	9	Security Considerations	All signaling messages between the Mobile Router and the Home Agent MUST be authenticated by IPsec [8]. The use of IPsec to protect Mobile IPv6 signaling messages is described in detail in the HA-MN IPsec specification [2]. The signaling messages described in this	MR	MUST	A	A1	х	NEMO-MR-1-1-2-1-001 NEMO-MR-2-1-1-1-001 NEMO-MR-2-2-1-1-001 NEMO-MR-4-1-1-1-002 NEMO-MR-4-2-1-1-001		IPsec



No.	RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
		document extend Mobile IPv6 messages and do not require any changes to what is described in [2].	НА	Status	ai Kalik	A1	х	NEMO-HA_2_1_5.NEMO-HA_2_1_7, NEMO-HA_2_1_8, NEMO-HA_2_2_4.NEMO-HA_2_2_5, NEMO-HA_2_2_6.NEMO-HA_2_2_8, NEMO-HA_2_2_6.NEMO-HA_2_2_12, NEMO-HA_2_2_14, NEMO-HA_2_5_3.NEMO-HA_2_5_8, NEMO-HA_2_5_7.NEMO-HA_2_5_8, NEMO-HA_2_6_7.NEMO-HA_2_6_10, NEMO-HA_2_6_9.NEMO-HA_2_6_12, NEMO-HA_2_6_11.NEMO-HA_2_6_12,	Virtual Home link	
								NEMO-HA_2_7_3.NEMO-HA_2_7_4. NEMO-HA_2_7_8.NEMO-HA_2_7_8. NEMO-HA_2_8_7.NEMO-HA_2_8_18. NEMO-HA_2_8_9.NEMO-HA_2_8_18. NEMO-HA_2_8_9.11.NEMO-HA_2_8_12. NEMO-HA_2_9_11.NEMO-HA_2_9_14. NEMO-HA_2_9_11.NEMO-HA_2_9_14. NEMO-HA_2_9_15. NEMO-HA_2_10_7.NEMO-HA_2_10_18. NEMO-HA_2_10_1_10_8.NEMO-HA_2_10_10. NEMO-HA_2_10_11.NEMO-HA_2_10_11. NEMO-HA_2_11_11.NEMO-HA_2_11_11. NEMO-HA_2_11_11.NEMO-HA_2_11_11. NEMO-HA_2_11_11.NEMO-HA_2_11_11. NEMO-HA_2_11_11.NEMO-HA_2_11_14. NEMO-HA_2_11_15.NEMO-HA_2_11_6.		
								NEMO-HA_3_1_11.NEMO-HA_3_1_12, NEMO-HA_3_2_11.NEMO-HA_3_2_12, NEMO-HA_3_4_18.NEMO-HA_3_4_17, NEMO-HA_3_4_18.NEMO-HA_3_4_19, NEMO-HA_3_4_20, NEMO-HA_5_1_5.NEMO-HA_5_1_6, NEMO-HA_5_1_5.17, NEMO-HA_5_2_5.ENEMO-HA_5_2_6,		
								NEMO-HA. 5. 2. 7. NEMO-HA. 5. 2. 8. NEMO-HA. 5. 3. 9. NEMO-HA. 5. 3. 10, NEMO-HA. 5. 3. 12, NEMO-HA. 5. 4. 3. NEMO-HA. 5. 4. 4. NEMO-HA. 5. 4. 12. NEMO-HA. 5. 4. 13, NEMO-HA. 5. 4. 16. NEMO-HA. 5. 4. 15, NEMO-HA. 5. 4. 16. NEMO-HA. 5. 4. 17, NEMO-HA. 5. 4. 16. NEMO-HA. 5. 5. 6, NEMO-HA. 5. 4. 18. NEMO-HA. 5. 5. 6,		
								NEMO-HA_6_1_3, NEMO-HA_6_1_4, NEMO-HA_6_4_5, NEMO-HA_6_4_6, NEMO-HA_6_4_7, NEMO-HA_6_5_6, NEMO-HA_6_5_5, NEMO-HA_6_5_6, NEMO-HA_6_6_5_7, NEMO-HA_6_5_8, NEMO-HA_6_6_3, NEMO-HA_6_6_4, NEMO-HA_6_6_1, NEMO-HA_6_6_13, NEMO-HA_6_6_16, NEMO-HA_6_6_17, NEMO-HA_6_6_16, NEMO-HA_6_6_17, NEMO-HA_6_6_18, NEMO-HA_6_6_18, NEMO-HA_6_6_18, NEMO-HA_6_7_7, NEMO-HA_6_7_4, NEMO-HA_6_7_7, NEMO-HA_6_7_8,		



No.	RFC Section	RFC Section	Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Priority
		title Item		nodes	Status	al Rank	Priority	ed			
									NEMO-HA. 9.1. 17. NEMO-HA. 9.1. 18. NEMO-HA. 9.1. 19. NEMO-HA. 9.1. 22. NEMO-HA. 9.1. 21. NEMO-HA. 9.1. 22. NEMO-HA. 9.1. 23. NEMO-HA. 9.1. 24. NEMO-HA. 9.1. 25. NEMO-HA. 9.1. 26. NEMO-HA. 9.1. 25. NEMO-HA. 9.1. 28. NEMO-HA. 9.1. 29. NEMO-HA. 9.1. 30. NEMO-HA. 9.1. 29. NEMO-HA. 9.1. 30. NEMO-HA. 9.1. 31. NEMO-HA. 9.1. 32.		
							A2		NEMO-HA_8_1_2.NEMO-HA_8_1_4. NEMO-HA_8_1_8.NEMO-HA_8_1_16. NEMO-HA_9_2_15.NEMO-HA_9_2_16. NEMO-HA_9_2_17.NEMO-HA_9_2_18. NEMO-HA_9_2_19.NEMO-HA_9_2_20. NEMO-HA_9_2_21.NEMO-HA_9_2_22. NEMO-HA_9_2_21.NEMO-HA_9_2_22. NEMO-HA_9_2_23.NEMO-HA_9_2_24. NEMO-HA_9_2_25.NEMO-HA_9_2_26. NEMO-HA_9_2_27.NEMO-HA_9_2_28.	Virtual Home link, IKE Virtual Home link, MPS/MPA Virtual Home link, Nested mobility(Same HA)	
									NEMO-HA_1_1,5,NEMO-HA_1_1_6, NEMO-HA_1_1,7, NEMO-HA_2_1_1,NEMO-HA_2_1_2, NEMO-HA_2_1_3,NEMO-HA_2_1_4, NEMO-HA_2_1_3,NEMO-HA_2_1_9, NEMO-HA_2_1_14,NEMO-HA_2_1_9, NEMO-HA_2_2_1,NEMO-HA_2_2_2, NEMO-HA_2_2_3,NEMO-HA_2_2_2, NEMO-HA_2_2_3,NEMO-HA_2_2_10, NEMO-HA_2_2_13, NEMO-HA_2_3_1,NEMO-HA_2_3_2, NEMO-HA_2_3_3,NEMO-HA_2_3_2, NEMO-HA_2_3_3,NEMO-HA_2_3_4, NEMO-HA_2_4_1,NEMO-HA_2_4_4, NEMO-HA_2_4_3,NEMO-HA_2_4_4, NEMO-HA_2_4_5,NEMO-HA_2_4_4,	Real Home link	
									NEMO-HA_2_5_1, NEMO-HA_2_5_2, NEMO-HA_2_5_1, NEMO-HA_2_5_2, NEMO-HA_2_6_1, NEMO-HA_2_6_2, NEMO-HA_2_6_3, NEMO-HA_2_6_6, NEMO-HA_2_6_5, NEMO-HA_2_6_6, NEMO-HA_2_7_1, NEMO-HA_2_7_6, NEMO-HA_2_7_5, NEMO-HA_2_7_6, NEMO-HA_2_8_1, NEMO-HA_2_8_2, NEMO-HA_2_8_3, NEMO-HA_2_8_6, NEMO-HA_2_8_3, NEMO-HA_2_8_6,		



No.	RFC Section	RFC Section	Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Priority
		title Item		nodes	Status	al Rank	Priority	ed			
									NEMO-HA 2 9 1. NEMO-HA 2 9 2. NEMO-HA 2 9 3. NEMO-HA 2 9 4. NEMO-HA 2 9 5. NEMO-HA 2 10 1. NEMO-HA 2 10 2. NEMO-HA 2 10 3. NEMO-HA 2 10 4. NEMO-HA 2 10 5. NEMO-HA 2 10 6. NEMO-HA 2 11 1. NEMO-HA 2 11 1. NEMO-HA 2 11 3. NEMO-HA 2 11 1. NEMO-HA 2 11 3. NEMO-HA 2 11 1. NEMO-HA 2 11 5. NEMO-HA 2 11 5. NEMO-HA 2 11 5. NEMO-HA 2 11 5. NEMO-HA 2 11 9. NEMO-HA 2 11 9.		
									NEMO-HA, 3, 1, 1, NEMO-HA, 3, 1, 2, NEMO-HA, 3, 1, 5, NEMO-HA, 3, 1, 4, NEMO-HA, 3, 1, 5, NEMO-HA, 3, 1, 6, NEMO-HA, 3, 1, 7, NEMO-HA, 3, 1, 10, NEMO-HA, 3, 1, 9, NEMO-HA, 3, 2, 1, NEMO-HA, 3, 2, 1, NEMO-HA, 3, 2, 2, NEMO-HA, 3, 2, 3, NEMO-HA, 3, 2, 4, NEMO-HA, 3, 2, 5, NEMO-HA, 3, 2, 8, NEMO-HA, 3, 2, 7, NEMO-HA, 3, 2, 8, NEMO-HA, 3, 2, 9, NEMO-HA, 3, 2, 10,		
									NEMO-HA_3_3_1.NEMO-HA_3_3_2. NEMO-HA_3_3_3.NEMO-HA_3_3_4. NEMO-HA_3_3_5.NEMO-HA_3_3_8. NEMO-HA_3_3_7.NEMO-HA_3_3_8. NEMO-HA_3_3_1.NEMO-HA_3_4_2. NEMO-HA_3_4_1.NEMO-HA_3_4_6. NEMO-HA_3_4_7.NEMO-HA_3_4_6. NEMO-HA_3_4_7.NEMO-HA_3_4_10. NEMO-HA_3_4_11.NEMO-HA_3_4_12. NEMO-HA_3_4_11.NEMO-HA_3_4_12. NEMO-HA_3_4_11.NEMO-HA_3_4_12. NEMO-HA_3_4_11.NEMO-HA_3_4_14. NEMO-HA_3_4_15.		
									NEMO-HA, 4, 1, 1, NEMO-HA, 4, 1, 2, NEMO-HA, 4, 1, 1, 3, NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 3, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 7, NEMO-HA, 4, 2, 10, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 16, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, NEMO-HA, 2, 16,		
									NEMO-HA_4_3_1,NEMO-HA_4_3_2, NEMO-HA_4_3_3,NEMO-HA_4_3_4, NEMO-HA_4_3_5,NEMO-HA_4_3_6, NEMO-HA_4_3_7,NEMO-HA_4_3_10, NEMO-HA_4_3_1,NEMO-HA_4_3_10, NEMO-HA_4_3_11,NEMO-HA_4_3_12, NEMO-HA_4_3_11,NEMO-HA_4_3_16, NEMO-HA_4_3_15,NEMO-HA_4_3_16,		



### Title Hem ***nodes*** ***status*** ***nodes*** ***status*** ***nodes*** ***status*** ***nodes*** ***status*** ***nodes*** ***nodes*	No. RFC Section RFC Sect	n Functional Specification	target	RFC Function	TEST	Support	Test No.	Configuration	Reason of TEST Priority
NEMO HA, 4, 1, NING HA, 4, 1, 4, NING HA, 4, 1, 5, NING HA, 4, 1, 1, NING HA, 3, 2, 1, NING HA, 3, 1, NING HA, 3, 2, 1, NING HA, 3, 3, 1, NING HA, 3, 3, 3, NING HA, 3, NING HA, 3, 3, NING HA, 3, NING HA, 3, 3, NING HA, 3, 3, NING HA, 3, 3, NING HA, 3, NING HA, 3, NING HA, 3, NING HA, 3, NING H	title Item								·
NEMO-HA_9_1_3.NEMO-HA_9_1_2,		Functional Specification	target nodes	RFC Status Function al Rank			NEMO-HA, 4, 4, 1, NEMO-HA, 4, 4, 2, NEMO-HA, 4, 4, 3, NEMO-HA, 4, 4, 6, NEMO-HA, 4, 4, 5, NEMO-HA, 4, 4, 6, NEMO-HA, 4, 4, 7, NEMO-HA, 4, 4, 8, NEMO-HA, 4, 4, 7, NEMO-HA, 4, 4, 15, NEMO-HA, 4, 4, 15, NEMO-HA, 4, 4, 15, NEMO-HA, 4, 4, 15, NEMO-HA, 5, 1, 1, NEMO-HA, 5, 2, 1, NEMO-HA, 5, 2, 1, NEMO-HA, 5, 2, 3, NEMO-HA, 5, 3, 8, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 9, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 9, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 1, NEMO-HA, 6, 1, 1, NEMO-HA, 6, 5, 1, NEMO-HA, 6, 6, 1, NEMO-HA, 6, 6, 7, NEMO-HA, 6, 6, 7, NEMO-HA, 6, 6, 7, NEMO-HA, 6, 6, 7, NEMO-HA, 6, 6, 1, NEMO-HA, 6, 1, 1, NEMO-HA, 9,	Configuration	Reason of TEST Priority



No.	RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
23		The Mobile Router has to perform ingress filtering on packets received from the mobile network to ensure that nodes in the Mobile Network do not use the bi-directional tunnel to launch IP spoofing attacks. In particular, the Mobile Router SHOULD check that the IP source address in the packets received Prefix and are not the same as one of the addresses used by the Mobile Router. If the Mobile Router receives a IP-in-IP tunneled packet from a node in the Mobile Network, and it has to forward the decapsulated packet, it SHOULD perform the above mentioned checks on the source address of the inner packet.	MR	SHOULD	A	A1	x	NEMO-MR-2-2-1-4-006 NEMO-MR-2-2-1-4-013 NEMO-MR-2-2-1-4-014 NEMO-MR-2-2-1-4-015 NEMO-MR-2-2-1-4-016 NEMO-MR-2-2-1-4-017 NEMO-MR-2-2-1-4-018		Ingress filtering
24			MR	SHOULD	A	A1	х	NEMO-MR-2-2-1-4-006 NEMO-MR-2-2-1-4-013 NEMO-MR-2-2-1-4-014 NEMO-MR-2-2-1-4-015 NEMO-MR-2-2-1-4-016 NEMO-MR-2-2-1-4-017 NEMO-MR-2-2-1-4-018		Ingress filtering
25		The Home Agent has to verify that packets received through the bidirectional tunnel belong to the mobile network. This check is necessary to prevent nodes from using the Home Agent to launch attacks that would have otherwise been prevented by ingress filtering. The source address of the outer IPv6 header MUST be set to the Mobile Router's current Care-of address. The source address of the inner IPv6 header MUST be topologically correct with respect to the IPv6 prefixes used in the Mobile Network.	НА	MUST	A	A1	x	NEMO-HA_6_1_3, NEMO-HA_6_1_4, NEMO-HA_6_4_5, NEMO-HA_6_4_6, NEMO-HA_6_4_8, NEMO-HA_6_6_4, NEMO-HA_6_6_12, NEMO-HA_6_6_4, NEMO-HA_6_6_12, NEMO-HA_6_6_13, NEMO-HA_6_6_18, NEMO-HA_6_6_18, NEMO-HA_6_6_18, NEMO-HA_6_6_18, NEMO-HA_6_6_18, NEMO-HA_9_1_17, NEMO-HA_9_1_18, NEMO-HA_9_1_17, NEMO-HA_9_1_20, NEMO-HA_9_1_21, Z1, NEMO-HA_9_1_22, NEMO-HA_9_1_22, NEMO-HA_9_1_24, NEMO-HA_9_1_25, NEMO-HA_9_1_28, NEMO-HA_9_1_25, NEMO-HA_9_1_28, NEMO-HA_9_1_27, NEMO-HA_9_1_28, NEMO-HA_9_1_27, NEMO-HA_9_1_28, NEMO-HA_9_1_27, NEMO-HA_9_1_30, NEMO-HA_9_1_28, NEMO-HA_9_1_30, NEMO-HA_9_1_21, NEMO-HA_9_1_30, NEMO-HA_9_1_31, NEMO-HA_9_1_32,	Virtual Home link	reversed tunneling, ingress filtering check
						A2	х	NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 19, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 22, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 25, NEMO-HA, 9, 2, 26, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28,	Virtual Home link, Network mobility(same HA)	



RFC Section RFC Section	Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Priority
title Item		nodes	Status			ed			
							NEMO-HA_6_6_7,NEMO-HA_6_6_8, NEMO-HA_6_6_9,NEMO-HA_6_6_10,	Real Home link	
							NEMO-HA_9_1_3, NEMO-HA_9_1_4, NEMO-HA_9_1_5, NEMO-HA_9_1_6, NEMO-HA_9_1_7, NEMO-HA_9_1_8, NEMO-HA_9_1_9, NEMO-HA_9_1_10, NEMO-HA_9_1_11, NEMO-HA_9_1_12, NEMO-HA_9_1_13, NEMO-HA_9_1_14,		
							NEMO-HA_9_2_3,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6, NEMO-HA_9_2_7,NEMO-HA_9_2_8, NEMO-HA_9_2_9,NEMO-HA_9_2_10, NEMO-HA_9_2_11,NEMO-HA_9_2_12,	Real Home link, Network mobility(same HA)	
		НА	MUST	A	A1		NEMO-HA_6_6_14,NEMO-HA_6_6_15, NEMO-HA_6_6_16,NEMO-HA_6_6_17,	Virtual Home link	reversed tunneling, ingress filtering check
							NEMO-HA_9_1_I9,NEMO-HA_9_1_20, NEMO-HA_9_1_21,NEMO-HA_9_1_22, NEMO-HA_9_1_23,NEMO-HA_9_1_24, NEMO-HA_9_1_25,NEMO-HA_9_1_28, NEMO-HA_9_1_27,NEMO-HA_9_1_30,		
					A2	х	NEMO-HA_9_2_15.NEMO-HA_9_2_16. NEMO-HA_9_2_17.NEMO-HA_9_2_18. NEMO-HA_9_2_19.NEMO-HA_9_2_20. NEMO-HA_9_2_2_11.NEMO-HA_9_2_22. NEMO-HA_9_2_23.NEMO-HA_9_2_24. NEMO-HA_9_2_25.NEMO-HA_9_2_26. NEMO-HA_9_2_27.NEMO-HA_9_2_28.	Virtual Home link, Network mobility(same HA)	
							NEMO-HA_6_4_1, NEMO-HA_6_4_2, NEMO-HA_6_6_6_1, NEMO-HA_6_6_2, NEMO-HA_6_6_5, NEMO-HA_6_6_6, NEMO-HA_6_6_5, NEMO-HA_6_6_8, NEMO-HA_6_6_9, NEMO-HA_6_6_8, NEMO-HA_6_6_9, NEMO-HA_6_6_10,	Real Home link	
	RFC Section title Item		title Item nodes	title Item nodes Status	title Item nodes Status al Rank	ttle Item nodes Status al Rank Priority HA MUST A A1	title Item nodes Status al Rank Priority ed HA MUST A A1 X A2 X	### Ittle Item ***Notice ***Notice	



No.	RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
				Status		1101109		NEMO-HA_9_1_1, NEMO-HA_9_1_2, NEMO-HA_9_1_3, NEMO-HA_9_1_6, NEMO-HA_9_1_5, NEMO-HA_9_1_6, NEMO-HA_9_1_7, 7, NEMO-HA_9_1_8, NEMO-HA_9_1_1, 7, NEMO-HA_9_1_10, NEMO-HA_9_1_11, 11, NEMO-HA_9_1_12, NEMO-HA_9_1_13, NEMO-HA_9_1_16, NEMO-HA_9_1_15, NEMO-HA_9_1_16,		
								NEMO-HA_9_2_1.NEMO-HA_9_2_2, NEMO-HA_9_2_3.NEMO-HA_9_2_4, NEMO-HA_9_2_5.NEMO-HA_9_2_6, NEMO-HA_9_2_7.NEMO-HA_9_2_10, NEMO-HA_9_2_9.NEMO-HA_9_2_10, NEMO-HA_9_2_11.NEMO-HA_9_2_12, NEMO-HA_9_2_13.NEMO-HA_9_2_14,	Real Home link, Network mobility(same HA)	
27		If the Mobile Router sends a Binding Update with a one or more Mobile Network Prefix options, the Home Agent MUST be able to verify that the Mobile Router is authorized for the prefixes before setting up forwarding for the prefixes.	НА	MUST	A	A1		NEMO-HA_2_1_5, NEMO-HA_2_1_7, NEMO-HA_2_1_8, NEMO-HA_2_2_4, NEMO-HA_2_2_5, NEMO-HA_2_2_11, NEMO-HA_2_2_12, NEMO-HA_2_2_14, NEMO-HA_2_5_3, NEMO-HA_2_5_4, NEMO-HA_2_5_7, NEMO-HA_2_5_8, NEMO-HA_2_6_7, NEMO-HA_2_6_8, NEMO-HA_2_6_7, NEMO-HA_2_6_10, NEMO-HA_2_6_1, NEMO-HA_2_6_12, NEMO-HA_2_6_11, NEMO-HA_2_6_12,		Binding update(Mobile network prefix registration)
								NEMO-HA_2_8_7. NEMO-HA_2_8_8. NEMO-HA_2_8_9.NEMO-HA_2_8_10. NEMO-HA_2_8_11.NEMO-HA_2_8_12. NEMO-HA_2_10_7.NEMO-HA_2_10_10. NEMO-HA_2_10_9.NEMO-HA_2_10_10. NEMO-HA_2_11_11.NEMO-HA_2_11_15. NEMO-HA_2_11_11.NEMO-HA_2_11_15.		
								NEMO-HA 2, 7, 3, NEMO-HA 2, 7, 4, NEMO-HA 2, 8, 7, NEMO-HA 2, 8, 8, NEMO-HA 2, 8, 9, NEMO-HA 2, 8, 18, NEMO-HA 2, 8, 9, NEMO-HA 2, 8, 12, NEMO-HA 2, 8, 11, NEMO-HA 2, 9, 12, NEMO-HA 2, 9, 13, NEMO-HA 2, 9, 14, NEMO-HA 2, 9, 13, NEMO-HA 2, 9, 14, NEMO-HA 2, 10, 8, NEMO-HA 2, 10, 10, NEMO-HA 2, 10, 8, NEMO-HA 2, 10, 10, NEMO-HA 2, 10, 11, NEMO-HA 2, 10, 10, NEMO-HA 2, 10, 11, NEMO-HA 2, 10, 10, NEMO-HA 2, 10, 11, NEMO-HA 2, 10, 12, NEMO-HA 2, 10, 11, NEMO-HA 2, 10, 12, NEMO-HA 2, 10, 11, NEMO-HA 2, 10, 12, NEMO-HA 2, 11, 14,		
								NEMO-HA_3_L_11.NEMO-HA_3_L_12, NEMO-HA_3_4_16.NEMO-HA_3_4_17, NEMO-HA_3_4_18.NEMO-HA_3_4_19, NEMO-HA_3_4_20,		



No. R	FC Section	RFC Section	Functional Specification	target	RFC	Function		Support	Test No.	Configuration	Reason of TEST Priority
		title Item		nodes	Status	al Rank	Priority	ed			
									NEMO-HA_5_1_5, NEMO-HA_5_1_6, NEMO-HA_5_1_7, NEMO-HA_5_2_5, NEMO-HA_5_2_6, NEMO-HA_5_2_7, NEMO-HA_5_3_10, NEMO-HA_5_3_12, NEMO-HA_5_3_12, NEMO-HA_5_4_12, NEMO-HA_5_4_13, NEMO-HA_5_4_12, NEMO-HA_5_4_15, NEMO-HA_5_4_16, NEMO-HA_5_4_17, NEMO-HA_5_4_16, NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_6_6,		
									NEMO-HA_6_1_3.NEMO-HA_6_1_4. NEMO-HA_6_4_5.NEMO-HA_6_4_8. NEMO-HA_6_4_7.NEMO-HA_6_4_8. NEMO-HA_6_5_5.NEMO-HA_6_5_6. NEMO-HA_6_5_5.NEMO-HA_6_5_6. NEMO-HA_6_6_1_2.NEMO-HA_6_6_1_3. NEMO-HA_6_6_1_2.NEMO-HA_6_6_1_5. NEMO-HA_6_6_1_8.NEMO-HA_6_6_1_7. NEMO-HA_6_6_1_8.NEMO-HA_6_6_1_7. NEMO-HA_6_7_2.NEMO-HA_6_7_4. NEMO-HA_6_7_2.NEMO-HA_6_7_8. NEMO-HA_6_7_7.NEMO-HA_6_1_8. NEMO-HA_6_7_1.NEMO-HA_6_1_8. NEMO-HA_6_7_1.		
									NEMO-HA_9_1_17,NEMO-HA_9_1_18, NEMO-HA_9_1_19,NEMO-HA_9_1_20, NEMO-HA_9_1_21,NEMO-HA_9_1_22, NEMO-HA_9_1_23,NEMO-HA_9_1_24, NEMO-HA_9_1_25,NEMO-HA_9_1_28, NEMO-HA_9_1_29,NEMO-HA_9_1_30, NEMO-HA_9_1_29,NEMO-HA_9_1_30, NEMO-HA_9_1_31,NEMO-HA_9_1_32,		
							A2		NEMO-HA_8_1_2.NEMO-HA_8_1_8, NEMO-HA_8_1_16, NEMO-HA_9_2_15.NEMO-HA_9_2_16, NEMO-HA_9_2_17.NEMO-HA_9_2_18, NEMO-HA_9_2_19.NEMO-HA_9_2_20, NEMO-HA_9_2_21.NEMO-HA_9_2_24, NEMO-HA_9_2_23.NEMO-HA_9_2_24, NEMO-HA_9_2_25.NEMO-HA_9_2_26, NEMO-HA_9_2_27.NEMO-HA_9_2_28,	Virtual Home link, IKE Virtual Home link, MPS/MPA Virtual Home link, Network mobility(same HA)	



No.	RFC Section RFC Section title Item	Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Priority
	title Item		nodes	Status	al Rank	Priority	ed			
								NEMO-HA_1_1_5, NEMO-HA_1_1_6, NEMO-HA_1_1_7, NEMO-HA_2_1_2, NEMO-HA_2_1_3, NEMO-HA_2_1_4, NEMO-HA_2_1_3, NEMO-HA_2_1_4, NEMO-HA_2_1_4, NEMO-HA_2_1_4, NEMO-HA_2_1_16, NEMO-HA_2_1_15, NEMO-HA_2_2_1, NEMO-HA_2_2_1, NEMO-HA_2_2_10, NEMO-HA_2_2_3, NEMO-HA_2_3_3, NEMO-HA_2_3_3, NEMO-HA_2_3_4, NEMO-HA_2_3_4, NEMO-HA_2_4_4, NEMO-HA_2_4_5, NEMO-HA_2_4_5, NEMO-HA_2_4_5, NEMO-HA_2_4_5, NEMO-HA_2_5_6, NEMO-HA_2_5_6, NEMO-HA_2_6_6, NEM	Real Home link	
								NEMO-HA 2 7 1. NEMO-HA 2 7 2. NEMO-HA 2 7 5. NEMO-HA 2 7 5. NEMO-HA 2 7 6. NEMO-HA 2 8 4. NEMO-HA 2 8 4. NEMO-HA 2 8 8. 3. NEMO-HA 2 8 4. NEMO-HA 2 8 5. NEMO-HA 2 8 6. NEMO-HA 2 9 1. NEMO-HA 2 9 2. NEMO-HA 2 9 2. NEMO-HA 2 9 1. NEMO-HA 2 9 2. NEMO-HA 2 10 2. NEMO-HA 2 10 3. NEMO-HA 2 10 2. NEMO-HA 2 10 3. NEMO-HA 2 10 6. NEMO-HA 2 10 5. NEMO-HA 2 10 6. NEMO-HA 2 10 5. NEMO-HA 2 10 6. NEMO-HA 2 10 5. NEMO-HA 2 10 6. NEMO-HA 2 11 7. NEMO-HA 2 11 8. NEMO-HA 2 11 7. NEMO-HA 2 11 8. NEMO-HA 2 11 9.		
								NEMO-HA_3_1_1, NEMO-HA_3_1_2, NEMO-HA_3_1_3, NEMO-HA_3_1_4, NEMO-HA_3_1_5, NEMO-HA_3_1_6, NEMO-HA_3_1_1, 7, NEMO-HA_3_1_16, NEMO-HA_3_1_1, 7, NEMO-HA_3_1_10, NEMO-HA_3_1_1, NEMO-HA_3_1_2, NEMO-HA_3_3_2, NEMO-HA_3_3_3_4, NEMO-HA_3_3_2, NEMO-HA_3_3_4_6, NEMO-HA_3_3_1, NEMO-HA_3_3_4_6, NEMO-HA_3_4_1, NEMO-HA_3_4_15, NEMO-HA_		



0. K		RFC Section	Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Prior
		title Item		nodes	Status	al Rank	Priority	ed			
									NEMO-HA_4_2_1,NEMO-HA_4_2_2,		
									NEMO-HA_4_2_3,NEMO-HA_4_2_4, NEMO-HA_4_2_5,NEMO-HA_4_2_6,		
									NEMO-HA_4_2_7,NEMO-HA_4_2_8,		
									NEMO-HA_4_2_9,NEMO-HA_4_2_10, NEMO-HA_4_2_11,NEMO-HA_4_2_12,		
									NEMO-HA_4_2_13,NEMO-HA_4_2_14,		
									NEMO-HA_4_2_15,NEMO-HA_4_2_16,		
									NEMO-HA_4_3_1,NEMO-HA_4_3_2, NEMO-HA_4_3_3,NEMO-HA_4_3_4,		
									NEMO-HA_4_3_5,NEMO-HA_4_3_4, NEMO-HA_4_3_5,NEMO-HA_4_3_6,		
									NEMO-HA_4_3_7,NEMO-HA_4_3_8,		
									NEMO-HA_4_3_9,NEMO-HA_4_3_10,		
									NEMO-HA_4_3_11,NEMO-HA_4_3_12, NEMO-HA_4_3_13,NEMO-HA_4_3_14,		
									NEMO-HA_4_3_15,NEMO-HA_4_3_16,		
									NEMO-HA_4_4_1,NEMO-HA_4_4_2,		
									NEMO-HA_4_4_3,NEMO-HA_4_4_4, NEMO-HA_4_4_5,NEMO-HA_4_4_6,		
									NEMO-HA_4_4_7, NEMO-HA_4_4_8,		
									NEMO-HA_4_4_9,NEMO-HA_4_4_13,		
									NEMO-HA_4_4_14,NEMO-HA_4_4_15,		
									NEMO-HA_5_1_1,NEMO-HA_5_1_2,		
									NEMO-HA_5_1_3,NEMO-HA_5_1_4,		
									NEMO-HA_5_2_1,NEMO-HA_5_2_2, NEMO-HA_5_2_3,NEMO-HA_5_2_4,		
									NEMO-HA_5_3_1,NEMO-HA_5_3_4,		
									NEMO-HA_5_3_5,NEMO-HA_5_3_6,		
									NEMO-HA_5_3_8, NEMO-HA_5_4_5,NEMO-HA_5_4_6,		
									NEMO-HA_5_4_7,NEMO-HA_5_4_8,		
									NEMO-HA_5_4_9,NEMO-HA_5_4_10,		
									NEMO-HA_5_4_11, NEMO-HA_5_5_1,NEMO-HA_5_5_3,		
									IVEWO-11A_3_3_1,IVEWO-11A_3_3_3,		
l											
									NEMO-HA_6_1_1,NEMO-HA_6_1_2,		
1									NEMO-HA_6_2_1,NEMO-HA_6_2_2,		
									NEMO-HA_6_2_3,NEMO-HA_6_2_4,		
									NEMO-HA_6_4_1,NEMO-HA_6_4_2, NEMO-HA_6_4_3,NEMO-HA_6_4_4,		
1									NEMO-HA_6_5_1,NEMO-HA_6_5_2,		
ı									NEMO-HA_6_5_3,NEMO-HA_6_5_4,		
									NEMO-HA_6_6_5,NEMO-HA_6_6_6, NEMO-HA_6_6_7,NEMO-HA_6_6_8,		
									NEMO-HA_6_6_9,NEMO-HA_6_6_10,		
									NEMO-HA_6_6_11,		
									NEMO-HA_6_7_1,NEMO-HA_6_7_3, NEMO-HA_6_7_5,NEMO-HA_6_7_6,		
1	J					I l			l l		1



No.	RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank		Support ed	Test No.	Configuration	Reason of TEST Priority
								NEMO-HA_9_1_1.NEMO-HA_9_1_2, NEMO-HA_9_1_3.NEMO-HA_9_1_6, NEMO-HA_9_1_5.NEMO-HA_9_1_6, NEMO-HA_9_1_7.NEMO-HA_9_1_8, NEMO-HA_9_1_9.NEMO-HA_9_1_10, NEMO-HA_9_1_13.NEMO-HA_9_1_12, NEMO-HA_9_1_13.NEMO-HA_9_1_14, NEMO-HA_9_1_15.NEMO-HA_9_1_16,		
								NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, IKE Real Home link,	
								NEMO-HA_9_2_1, NEMO-HA_9_2_2, NEMO-HA_9_2_3, NEMO-HA_9_2_4, NEMO-HA_9_2_5, NEMO-HA_9_2_6, NEMO-HA_9_2_7, NEMO-HA_9_2_8, NEMO-HA_9_2_9, NEMO-HA_9_2_10, NEMO-HA_9_2_11, NEMO-HA_9_2_12, NEMO-HA_9_2_13, NEMO-HA_9_2_14,	MPS/MPA Real Home link, Network mobility(same HA)	
28		When the Mobile Router is runs a dynamic routing protocol as described in section 8, it injects routing update messages into the Home Link. As the routing protocol message could contain information about the internal routing structure of the home network, these messages require confidentiality protection. The Mobile Router SHOULD use confidentiality protection through IPsec ESP as described in [14]. If the bi-directional tunnel between the Mobile Router and the Home Agent is protected by ESP, in tunnel mode for all IP traffic, then no additional confidentiality protection specific to the routing protocol is required.	MR	SHOULD	A	A2			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
29		Home Agents and Mobile Routers may use IPsec ESP to protect payload packets tunneled between themselves. This is useful to protect communications against attackers on the path of the tunnel.	MR HA	may	В	В	x x	NEMO-HA_5_1_5.NEMO-HA_5_1_6, NEMO-HA_5_2_5.NEMO-HA_5_2_6, NEMO-HA_5_2_2, NEMO-HA_5_2_2, NEMO-HA_5_2_2, NEMO-HA_5_4_12.NEMO-HA_5_4_13, NEMO-HA_5_4_12.NEMO-HA_5_4_15, NEMO-HA_5_4_16.NEMO-HA_5_4_17, NEMO-HA_5_4_16.NEMO-HA_5_5_6, NEMO-HA_5_5_4.NEMO-HA_5_5_6, NEMO-HA_6_1_3.NEMO-HA_6_1_4, NEMO-HA_6_1_3.NEMO-HA_6_1_4,	Virtual Home link Virtual Home link and This function is implementaion-dependent. *IPsec Protection of the payload packets tunneled between MR and HA	This function is implementaion-dependent. *IPsec Protection of the payload packets tunneled between MR and HA
								NEMO-HA, 6, 4, 5, NEMO-HA, 6, 2, 6, 18, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 6, 12, NEMO-HA, 6, 6, 13, NEMO-HA, 6, 6, 14, NEMO-HA, 6, 6, 14, NEMO-HA, 6, 6, 16, NEMO-HA, 6, 6, 16, NEMO-HA, 6, 6, 16, NEMO-HA, 6, 6, 18, NEMO-HA, 6, NEMO		



No.	RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
								NEMO-HA. 9.1. 17. NEMO-HA. 9.1. 18. NEMO-HA. 9.1. 19. NEMO-HA. 9.1. 20. NEMO-HA. 9.1. 21. NEMO-HA. 9.1. 22. NEMO-HA. 9.1. 23. NEMO-HA. 9.1. 24. NEMO-HA. 9.1. 25. NEMO-HA. 9.1. 26. NEMO-HA. 9.1. 27. NEMO-HA. 9.1. 28. NEMO-HA. 9.1. 29. NEMO-HA. 9.1. 30. NEMO-HA. 9.1. 31. NEMO-HA. 9.1. 32.		
								NEMO-HA. 9, 2, 15, NEMO-HA. 9, 2, 16, NEMO-HA. 9, 2, 17, NEMO-HA. 9, 2, 18, NEMO-HA. 9, 2, 20, 2, 19, NEMO-HA. 9, 2, 20, NEMO-HA. 9, 2, 20, NEMO-HA. 9, 2, 21, NEMO-HA. 9, 2, 24, NEMO-HA. 9, 2, 24, NEMO-HA. 9, 2, 24, NEMO-HA. 9, 2, 25, NEMO-HA. 9, 2, 26, NEMO-HA. 9, 2, 27, NEMO-HA. 9, 2, 28, NEMO-HA. 9, 2, 27, NEMO-HA. 9, 2, 28, NEMO-HA. 9, NEMO-HA. 9, NEMO-HA. 9, NEMO-HA. 9, NEMO-HA. 9, NEMO-HA. 9, NEMO-H	Virtual Home link, Nested mobility(Same HA) and This function is implementaion-dependent. *IPsec Protection of the payload packets tunneled between MR and HA	
								NEMO-HA_5_1_1, NEMO-HA_5_1_2, NEMO-HA_5_1_4, NEMO-HA_5_1_4, NEMO-HA_5_2_1, 1, NEMO-HA_5_1_4, NEMO-HA_5_2_2, NEMO-HA_5_2_2, NEMO-HA_5_2_3, 6, NEMO-HA_5_3_3, NEMO-HA_5_3_3, NEMO-HA_5_3_3, NEMO-HA_5_3_3, NEMO-HA_5_3_3, NEMO-HA_5_3_1_2, NEMO-HA_5_4_1, NEMO-HA_5_4_1, NEMO-HA_5_4_4, NEMO-HA_5_4_4, NEMO-HA_5_4_4, NEMO-HA_5_4_1, NEMO-HA_5_5_1, NEMO-HA_5_5_1, NEMO-HA_5_5_1, NEMO-HA_5_5_1, NEMO-HA_5_5_5_1,	Real Home link and This function is implementaion-dependent. *IPsec Protection of the payload packets tunneled between MR and HA	
								NEMO-HA_6_1_1, NEMO-HA_6_1_2, NEMO-HA_6_4_1, NEMO-HA_6_4_2, NEMO-HA_6_4_4, NEMO-HA_6_6_1, NEMO-HA_6_6_2, NEMO-HA_6_6_5, NEMO-HA_6_6_6, NEMO-HA_6_6_7, NEMO-HA_6_6_8, NEMO-HA_6_6_9, NEMO-HA_6_6_10, NEMO-HA_6_6_11,		
								NEMO-HA_9_1_1, NEMO-HA_9_1_2, NEMO-HA_9_1_3, NEMO-HA_9_1_4, NEMO-HA_9_1_5, NEMO-HA_9_1_6, NEMO-HA_9_1_7, 7, NEMO-HA_9_1_10, NEMO-HA_9_1_1, 11, NEMO-HA_9_1_12, NEMO-HA_9_1_13, NEMO-HA_9_1_12, NEMO-HA_9_1_13, NEMO-HA_9_1_14, NEMO-HA_9_1_15, NEMO-HA_9_1_16,		
								NEMO-HA, 9, 2, 1, NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 4, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 8, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 8, NEMO-HA, 9, 2, 9, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14,	Real Home link, Nested mobility(Same HA) and This function is implementaion-dependent. *IPsec Protection of the payload packets tunneled between MR and HA	



No.		RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
30			Please refer to the Mobile IPv6 specification [1] for security considerations when the Mobile Router operates as a Mobile Host.	MR	(do)	A	A1				Mobile node
31	1	(Nestd Mobility)	The terminology document [10] describes Nested Mobility as a scenario where a Mobile Router allows another Mobile Router to attach to its Mobile Network. There could be arbitrary levels of nested mobility. The operation of each Mobile Router remains the same whether the Mobile Router attaches to another Mobile Router or to a fixed Access Router on the Internet. The solution described here does not place any restriction on the number of levels for nested mobility. But note that this might introduce significant overhead on the data packets as each level of nesting introduces another IPv6 header encapsulation.	НА	(do)	A	A1*2		NEMO-HA. 9.1. 17. NEMO-HA. 9.1. 18. NEMO-HA. 9.1. 20. NEMO-HA. 9.1. 20. NEMO-HA. 9.1. 20. NEMO-HA. 9.1. 21. NEMO-HA. 9.1. 24. NEMO-HA. 9.1. 24. NEMO-HA. 9.1. 25. NEMO-HA. 9.1. 26. NEMO-HA. 9.1. 25. NEMO-HA. 9.1. 28. NEMO-HA. 9.1. 27. NEMO-HA. 9.1. 28. NEMO-HA. 9.1. 27. NEMO-HA. 9.1. 32. NEMO-HA. 9.1. 31. NEMO-HA. 9.1. 32. NEMO-HA. 9.1. 32. NEMO-HA. 9.1. 32. NEMO-HA. 9.1. 32. NEMO-HA. 9.2. 13. NEMO-HA. 9.2. 15. NEMO-HA. 9.2. 18. NEMO-HA. 9.2. 17. NEMO-HA. 9.2. 21. NEMO-HA. 9.2. 22. NEMO-HA. 9.2. 22. NEMO-HA. 9.2. 23. NEMO-HA. 9.2. 24. NEMO-HA. 9.2. 23. NEMO-HA. 9.2. 24. NEMO-HA. 9.2. 25. NEMO-HA. 9.2. 26. NEMO-HA. 9.2	Virtual Home Link Virtual Home link, Nested mobility(Same HA)	Nested mobility
									NEMO-HA_9_1_1.NEMO-HA_9_1_2. NEMO-HA_9_1_1.NEMO-HA_9_1_2. NEMO-HA_9_1_3.NEMO-HA_9_1_4. NEMO-HA_9_1_5.NEMO-HA_9_1_6. NEMO-HA_9_1_7.NEMO-HA_9_1_8. NEMO-HA_9_1_7.NEMO-HA_9_1_10. NEMO-HA_9_1_1.S.NEMO-HA_9_1_12. NEMO-HA_9_1_13.NEMO-HA_9_1_14. NEMO-HA_9_1_13.NEMO-HA_9_1_16.	Real Home link Real Home link,	
				MR	(do)	A	A1*2	х	NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 4, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 6, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 9, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14,	Nested mobility(Same HA)	

[1] D. Johnson, C. Perkins and J. Arkko. Mobility Support in IPv6. RFC3775, IETF. June 2004.
[2] J. Arkko, V. Devarapalli and F. Dupont. Using IPsec to

[2] J. Arkko, V. Devarapalli and F. Dupont. Using IPsec to Protect Mobile IPv6 Signaling between Mobile Nodes and Home Agents. ,RFC3776, IETF. June 2004.

 $[8]\,$ S. Kent and R. Atkinson. Security Architecture for the Internet

[10] Ernst, T., and H.-Y. Lach, "Network Mobility Support Terminology". Work in Progress. October 2004.



RFC Section Functional Specification title Item	target RFC Function Status al Rank	1	Test No. Configuration	Reason of TEST Priority
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[12] G. Malkin and R. Minnear. RIPng for IPv6. RFC 2080,

IETF.
[13] R. Coltun, D. Ferguson and J. Moy. OSPF for IPv6. RFC

[14] M. Gupta and N. Melam. Authentication/Confidentiality for

OSPFv3. Internet Draft, IETF. draft-ietf-ospf-ospfv3-auth-04.txt

(work in progress). December 2003.

^{*2} Please refer to Table 2-5 (NEMO functions of Priority A1 and Priority A2 for every node)



5.1.2 HA - RFC3775/RFC3776/RFC4877

This section describes the operation in Mobile IPv6 and the functional classifications for HA on the basis of the classifications given in section 2.3.

Notes

- "RFC section" gives the corresponding section number in the Mobile IPv6 RFC referred to in section 2.2.
- "RFC section title" gives the section heading in the Mobile IPv6 RFC referred to in section 2.2.
- In the column "Test Priority," "A1" indicates Rank A and Priority 1, "A2" indicates Rank-A and Priority 2, and "B" indicates Rank-B and Priority 2.
- In the column "Test PROFILE", "x" indicates that the function is supported.
- "Reason for Classification" gives the reason for the function's classification. A reason is given when Test Priority is "A2," "B," or "C."



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank	TEST Priority	Reason of TEST Priority
1	8.4	IPv6 Home Agents		In order for a mobile node to operate correctly while away from home, at least one IPv6 router on the mobile node's home link must function as a home agent for the mobile node. The following additional requirements apply to all IPv6 routers that serve as a home agent:	(do)	A	A1	Home agent
2				Every home agent MUST be able to maintain an entry in its Binding Cache for each mobile node for which it is serving as the home agent (Section 10.1 and Section 10.3.1).	MUST	A	A1	Binding cache
3				Every home agent MUST be able to intercept packets (using proxy Neighbor Discovery [12]) addressed to a mobile node for which it is currently serving as the home agent, on that mobile node's home link, while the mobile node is away from home (Section 10.4.1).	MUST	A	A1	Forwarding
4				Every home agent MUST be able to encapsulate [15] such intercepted packets in order to tunnel them to the primary care-of address for the mobile node indicated in its binding in the home agent's Binding Cache (Section 10.4.2).	MUST	A	A1	Tunneling



5	Every home agent MUST support decapsulating [15] reverse tunneled packets sent to it from a mobile node's home address. Every home agent MUST also check that the source address in the tunneled packets corresponds to the currently registered location of the mobile node (Section 10.4.5).	MUST MUST	A	A1	Tunneling
6	The node MUST be able to process Mobility Headers as described in Section 10.2.	MUST	A	A1	Mobility header
7	Every home agent MUST be able to return a Binding Acknowledgement in response to a Binding Update (Section 10.3.1).	MUST	A	A1	Binding acknowledgement
8	Every home agent SHOULD support a configuration mechanism to allow a system administrator to manually set the value to be sent by this home agent in the Home Agent Preference field of the Home Agent Information Option in Router Advertisements that it sends (Section 7.4).	SHOULD	A	A1	Home agent information option
9	Every home agent SHOULD support sending ICMP Mobile Prefix Advertisements (Section 6.8), and SHOULD respond to Mobile Prefix Solicitations (Section 6.7). If supported, this behavior MUST be configurable, so that home agents can be configured to avoid sending such Prefix Advertisements according to the needs of the network administration in the home domain.	SHOULD SHOULD MUST		A2	Mobile prefix advertisement



10	Every home agent MUST support IPsec ESP for protection of packets belonging to the return routability procedure (Section 10.4.6).	MUST	-	-	IPsec ESP
11	Every home agent SHOULD support the multicast group membership control protocols as described in Section 10.4.3. If this support is provided, the home agent MUST be capable of using it to determine which multicast data packets to forward via the tunnel to the mobile node.	SHOULD MUST	A	A2	Multicast
12	Home agents MAY support stateful address autoconfiguration for mobile nodes as described in Section 10.4.4.	MAY	В	В	Stateful address autoconfiguration



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
INO.	Section	Section title	rtem	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
1	6.1	Mobility Header		Mobility Header messages MUST NOT be sent with a type 2 routing header, except as described in Section 9.5.4 for Binding Acknowledgement. Mobility Header messages also MUST NOT be used with a Home Address destination option, except as described in Section 11.7.1 and Section 11.7.2 for Binding Update. Binding Update List or Binding Cache information (when present) for the destination MUST NOT be used in sending Mobility Header messages. That is, Mobility Header messages bypass both the Binding Cache check described in Section 9.3.2 and the Binding Update List check described in Section 11.3.1 which are normally performed for all packets. This applies even to messages sent to or from a correspondent node which is itself a mobile node.	MUST NOT	A	A1	X	NEMO-HA_1_1_8,NEMO-HA_1_1_9, NEMO-HA_1_1_10, NEMO-HA_2_1_8, NEMO-HA_2_1_8, NEMO-HA_2_2_6,NEMO-HA_2_2_5, NEMO-HA_2_2_6,NEMO-HA_2_2_8, NEMO-HA_2_6_1,NEMO-HA_2_6_10, NEMO-HA_2_6_9,NEMO-HA_2_6_10, NEMO-HA_2_6_11,NEMO-HA_2_6_12, NEMO-HA_2_8_1,NEMO-HA_2_8_10, NEMO-HA_2_8_11,NEMO-HA_2_8_10, NEMO-HA_2_8_11,NEMO-HA_2_8_12, NEMO-HA_2_10_7, NEMO-HA_2_11_13,NEMO-HA_2_11_15, NEMO-HA_2_11_13,NEMO-HA_2_11_15, NEMO-HA_2_11_12,NEMO-HA_2_11_16, NEMO-HA_2_11_6, NEMO-HA_2_11_18,NEMO-HA_3_1_19, NEMO-HA_3_1_11,NEMO-HA_3_2_12, NEMO-HA_3_1_11,NEMO-HA_3_4_17, NEMO-HA_3_4_16,NEMO-HA_3_4_17, NEMO-HA_3_4_18,NEMO-HA_3_4_19, NEMO-HA_6_2_4, NEMO-HA_6_2_4, NEMO-HA_6_2_4,	Virtual Home link
							A2	X		Virtual Home link, MPS/MPA Real Home link



NT.	RFC	RFC	T	E and and Constitution	RFC	Functional	TEST		Test PROFILE	D CTECT D
No	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_2_6_1, NEMO-HA_2_6_2, NEMO-HA_2_6_3, NEMO-HA_2_6_4, NEMO-HA_2_6_5, NEMO-HA_2_6_6, NEMO-HA_2_8_3, NEMO-HA_2_8_2, NEMO-HA_2_8_3, NEMO-HA_2_8_6, NEMO-HA_2_10_1, NEMO-HA_2_11_1, NEMO-HA_2_11_2, NEMO-HA_2_11_3, NEMO-HA_2_11_5, NEMO-HA_2_11_7, NEMO-HA_2_11_8, NEMO-HA_2_11_9, NEMO-HA_2_11_3, NEMO-HA_2_11_9, NEMO-HA_2_12_3,	
									NEMO-HA_3_1_1,NEMO-HA_3_1_2, NEMO-HA_3_1_3,NEMO-HA_3_1_4, NEMO-HA_3_1_5,NEMO-HA_3_1_8, NEMO-HA_3_1_7,NEMO-HA_3_1_10, NEMO-HA_3_2_1,NEMO-HA_3_2_2, NEMO-HA_3_2_3,NEMO-HA_3_2_4, NEMO-HA_3_2_5,NEMO-HA_3_2_6, NEMO-HA_3_2_7,NEMO-HA_3_2_8, NEMO-HA_3_2_9,NEMO-HA_3_2_10,	
									NEMO-HA_3_4_1,NEMO-HA_3_4_2, NEMO-HA_3_4_3,NEMO-HA_3_4_4, NEMO-HA_3_4_5,NEMO-HA_3_4_6, NEMO-HA_3_4_7,NEMO-HA_3_4_8, NEMO-HA_3_4_9,NEMO-HA_3_4_10, NEMO-HA_3_4_11,NEMO-HA_3_4_12, NEMO-HA_3_4_13,NEMO-HA_3_4_14, NEMO-HA_3_4_15,	
									NEMO-HA_4_4_1, NEMO-HA_4_4_2, NEMO-HA_4_4_3, NEMO-HA_4_4_4, NEMO-HA_4_4_5, NEMO-HA_4_4_6, NEMO-HA_4_4_7, NEMO-HA_4_4_8, NEMO-HA_4_4_9, NEMO-HA_4_4_13, NEMO-HA_4_4_14, NEMO-HA_4_4_15, NEMO-HA_6_2_3, NEMO-HA_6_2_3,	
										Real Home link, MPS/MPA



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	,
2					MUST NOT	A	A1	-		Mobile Node
3					MUST NOT	A	A1	X	NEMO-HA_1_1_8, NEMO-HA_1_1_9, NEMO-HA_1_1_10, NEMO-HA_2_1_8, NEMO-HA_2_1_8, NEMO-HA_2_2_6, NEMO-HA_2_2_6, NEMO-HA_2_2_6, NEMO-HA_2_2_6, NEMO-HA_2_6_10, NEMO-HA_2_6_9, NEMO-HA_2_6_10, NEMO-HA_2_6_11, NEMO-HA_2_6_12, NEMO-HA_2_8_7, NEMO-HA_2_8_8, NEMO-HA_2_8_10, NEMO-HA_2_8_11, NEMO-HA_2_8_11, NEMO-HA_2_8_11, NEMO-HA_2_8_11, NEMO-HA_2_11_12, NEMO-HA_2_11_13, NEMO-HA_2_11_15, NEMO-HA_2_11_13, NEMO-HA_2_11_15, NEMO-HA_2_11_26, NEMO-HA_2_11_6, NEMO-HA_2_11_18, NEMO-HA_2_11_19, NEMO-HA_3_1_11, NEMO-HA_3_2_12, NEMO-HA_3_1_1, NEMO-HA_3_4_16, NEMO-HA_3_4_17, NEMO-HA_3_4_18, NEMO-HA_3_4_19, NEMO-HA_3_4_18, NEMO-HA_3_4_19, NEMO-HA_3_4_18, NEMO-HA_3_4_19, NEMO-HA_6_2_4, NEMO-HA_6_7_4,	Virtual Home link
							A2	X		Virtual Home link, MPS/MPA
									NEMO-HA_1_1_1,NEMO-HA_1_1_2, NEMO-HA_1_1_3,NEMO-HA_1_1_4, NEMO-HA_1_1_5, NEMO-HA_2_1_4, NEMO-HA_2_2_1,NEMO-HA_2_2_2, NEMO-HA_2_2_3,NEMO-HA_2_2_7, NEMO-HA_2_4_1,NEMO-HA_2_4_2, NEMO-HA_2_4_3,NEMO-HA_2_4_4, NEMO-HA_2_4_5,NEMO-HA_2_4_6,	Real Home link



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Friority
									NEMO-HA_2_6_1, NEMO-HA_2_6_2, NEMO-HA_2_6_3, NEMO-HA_2_6_4, NEMO-HA_2_6_5, NEMO-HA_2_6_6, NEMO-HA_2_8_1, NEMO-HA_2_8_2, NEMO-HA_2_8_3, NEMO-HA_2_8_4, NEMO-HA_2_8_5, NEMO-HA_2_8_6, NEMO-HA_2_10_1, NEMO-HA_2_11_1, NEMO-HA_2_11_2, NEMO-HA_2_11_3, NEMO-HA_2_11_5, NEMO-HA_2_11_7, NEMO-HA_2_11_8, NEMO-HA_2_11_9, NEMO-HA_2_11_8, NEMO-HA_2_11_9, NEMO-HA_2_12_3,	
									NEMO-HA_3_1_1.NEMO-HA_3_1_2, NEMO-HA_3_1_3.NEMO-HA_3_1_4, NEMO-HA_3_1_5.NEMO-HA_3_1_6, NEMO-HA_3_1_7.NEMO-HA_3_1_18, NEMO-HA_3_1_9.NEMO-HA_3_1_10, NEMO-HA_3_2_1.NEMO-HA_3_2_2, NEMO-HA_3_2_2.NEMO-HA_3_2_4, NEMO-HA_3_2_5.NEMO-HA_3_2_6, NEMO-HA_3_2_7.NEMO-HA_3_2_8, NEMO-HA_3_2_7.NEMO-HA_3_2_8, NEMO-HA_3_2_9.NEMO-HA_3_2_10,	
									NEMO-HA_3_4_1,NEMO-HA_3_4_2, NEMO-HA_3_4_3,NEMO-HA_3_4_4, NEMO-HA_3_4_5,NEMO-HA_3_4_6, NEMO-HA_3_4_7,NEMO-HA_3_4_8, NEMO-HA_3_4_9,NEMO-HA_3_4_10, NEMO-HA_3_4_11,NEMO-HA_3_4_12, NEMO-HA_3_4_13,NEMO-HA_3_4_14, NEMO-HA_3_4_15,	
									NEMO-HA_4_4_1,NEMO-HA_4_4_2, NEMO-HA_4_4_3,NEMO-HA_4_4_4, NEMO-HA_4_4_5,NEMO-HA_4_4_6, NEMO-HA_4_4_7,NEMO-HA_4_4_8, NEMO-HA_4_4_9,NEMO-HA_4_4_13, NEMO-HA_4_4_14,NEMO-HA_4_4_15, NEMO-HA_6_2_3, NEMO-HA_6_7_3,	
										Real Home link, MPS/MPA



No	RFC	RFC	Itom	Functional Specification	RFC	Functional	TEST		Test PROFILE	Passan of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Friority
1	Section 10.1		Item	Each home agent MUST maintain a Binding Cache and Home Agents List.				Supported X		Reason of TEST Priority Virtaul Home link



No	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
110	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Friority
									NEMO-HA_6_1_3, NEMO-HA_6_1_4, NEMO-HA_6_4_5, NEMO-HA_6_4_6, NEMO-HA_6_4_7, NEMO-HA_6_4_8, NEMO-HA_6_5_5, NEMO-HA_6_5_6, NEMO-HA_6_5_7, NEMO-HA_6_5_8,	
									NEMO-HA_6_6_3, NEMO-HA_6_6_4, NEMO-HA_6_6_12, NEMO-HA_6_6_13, NEMO-HA_6_6_14, NEMO-HA_6_6_15, NEMO-HA_6_6_16, NEMO-HA_6_6_17, NEMO-HA_6_6_18, NEMO-HA_6_7_2, NEMO-HA_6_7_4, NEMO-HA_6_7_7, NEMO-HA_6_7_8, NEMO-HA_8_1_2, NEMO-HA_8_1_8, NEMO-HA_8_1_16,	
									NEMO-HA_9_1_17,NEMO-HA_9_1_18, NEMO-HA_9_1_19,NEMO-HA_9_1_20, NEMO-HA_9_1_21,NEMO-HA_9_1_22, NEMO-HA_9_1_23,NEMO-HA_9_1_24, NEMO-HA_9_1_25,NEMO-HA_9_1_26, NEMO-HA_9_1_27,NEMO-HA_9_1_28, NEMO-HA_9_1_29,NEMO-HA_9_1_30, NEMO-HA_9_1_31,NEMO-HA_9_1_32,	
						A	A2	X	NEMO-HA_7_1_2,NEMO-HA_7_1_4, NEMO-HA_7_1_6, NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16, NEMO-HA_9_2_15,NEMO-HA_9_2_16, NEMO-HA_9_2_17,NEMO-HA_9_2_18, NEMO-HA_9_2_19,NEMO-HA_9_2_20, NEMO-HA_9_2_21,NEMO-HA_9_2_22, NEMO-HA_9_2_23,NEMO-HA_9_2_24, NEMO-HA_9_2_25,NEMO-HA_9_2_24,	Virtual Home link, IKE Virtual home link, Dynamic Home Agent Address Discovery Virtual Home link, MPS/MPA Virtual Home link, Network mobility(same HA)
									NEMO-HA_9_2_21,NEMO-HA_9_2_22, NEMO-HA_9_2_23,NEMO-HA_9_2_24,	
1	I									



NIa	RFC	RFC	Itam	Functional Specification	RFC	Functional	TEST		Test PROFILE	Decem of TECT Detaile
100.	Section	Section title	nem	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
No.			Item	Functional Specification				Supported	Test No.	Real home link
									NEMO-HA_3_1_1,NEMO-HA_3_1_2, NEMO-HA_3_1_3,NEMO-HA_3_1_4, NEMO-HA_3_1_5,NEMO-HA_3_1_6, NEMO-HA_3_1_7,NEMO-HA_3_1_10, NEMO-HA_3_1_9,NEMO-HA_3_1_10, NEMO-HA_3_3_1,NEMO-HA_3_3_2, NEMO-HA_3_3_3,NEMO-HA_3_3_4, NEMO-HA_3_3_5,NEMO-HA_3_3_6, NEMO-HA_3_3_7,NEMO-HA_3_3_8,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Friority
									NEMO-HA_3_4_1, NEMO-HA_3_4_2, NEMO-HA_3_4_3, NEMO-HA_3_4_4, NEMO-HA_3_4_5, NEMO-HA_3_4_6, NEMO-HA_3_4_7, NEMO-HA_3_4_8, NEMO-HA_3_4_9, NEMO-HA_3_4_10, NEMO-HA_3_4_11, NEMO-HA_3_4_12, NEMO-HA_3_4_13, NEMO-HA_3_4_14, NEMO-HA_3_4_15,	
									NEMO-HA_4_2_1, NEMO-HA_4_2_2, NEMO-HA_4_2_3, NEMO-HA_4_2_4, NEMO-HA_4_2_5, NEMO-HA_4_2_6, NEMO-HA_4_2_7, NEMO-HA_4_2_8, NEMO-HA_4_2_9, NEMO-HA_4_2_10, NEMO-HA_4_2_11, NEMO-HA_4_2_12, NEMO-HA_4_2_13, NEMO-HA_4_2_14, NEMO-HA_4_2_15, NEMO-HA_4_2_16,	
									NEMO-HA_4_3_1, NEMO-HA_4_3_2, NEMO-HA_4_3_3, NEMO-HA_4_3_4, NEMO-HA_4_3_5, NEMO-HA_4_3_6, NEMO-HA_4_3_7, NEMO-HA_4_3_10, NEMO-HA_4_3_11, NEMO-HA_4_3_12, NEMO-HA_4_3_13, NEMO-HA_4_3_14, NEMO-HA_4_3_15, NEMO-HA_4_3_16,	
									NEMO-HA_4_4_1,NEMO-HA_4_4_2, NEMO-HA_4_4_3,NEMO-HA_4_4_4, NEMO-HA_4_4_5,NEMO-HA_4_4_6, NEMO-HA_4_4_7,NEMO-HA_4_4_8, NEMO-HA_4_4_9,NEMO-HA_4_4_13, NEMO-HA_4_4_14,NEMO-HA_4_4_15,	
									NEMO-HA_5_1_1,NEMO-HA_5_1_2, NEMO-HA_5_1_3,NEMO-HA_5_1_4, NEMO-HA_5_2_1,NEMO-HA_5_2_2, NEMO-HA_5_2_3,NEMO-HA_5_2_4, NEMO-HA_5_3_1,NEMO-HA_5_3_4, NEMO-HA_5_3_5,NEMO-HA_5_3_6, NEMO-HA_5_3_8,	



No.	RFC	RFC	Item	Eunstievel Cresification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
100.	Section	Section title	item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_5_4_1, NEMO-HA_5_4_2, NEMO-HA_5_4_5, NEMO-HA_5_4_6, NEMO-HA_5_4_7, NEMO-HA_5_4_8, NEMO-HA_5_4_9, NEMO-HA_5_4_10, NEMO-HA_5_4_11, NEMO-HA_5_5_1, NEMO-HA_5_5_3,	
									NEMO-HA_6_1_1, NEMO-HA_6_1_2, NEMO-HA_6_2_1, NEMO-HA_6_2_2, NEMO-HA_6_2_3, NEMO-HA_6_2_4, NEMO-HA_6_4_1, NEMO-HA_6_4_2, NEMO-HA_6_4_3, NEMO-HA_6_4_4, NEMO-HA_6_5_1, NEMO-HA_6_5_2, NEMO-HA_6_5_3, NEMO-HA_6_5_4,	
									NEMO-HA_6_6_1,NEMO-HA_6_6_2, NEMO-HA_6_6_5,NEMO-HA_6_6_6, NEMO-HA_6_6_7,NEMO-HA_6_6_8, NEMO-HA_6_6_9,NEMO-HA_6_6_10, NEMO-HA_6_6_11, NEMO-HA_6_7_5,NEMO-HA_6_7_3, NEMO-HA_6_7_5,NEMO-HA_6_7_6, NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	
									NEMO-HA_9_1_1.NEMO-HA_9_1_2, NEMO-HA_9_1_3.NEMO-HA_9_1_4, NEMO-HA_9_1_5.NEMO-HA_9_1_6, NEMO-HA_9_1_7.NEMO-HA_9_1_8, NEMO-HA_9_1_9.NEMO-HA_9_1_10, NEMO-HA_9_1_11,NEMO-HA_9_1_12, NEMO-HA_9_1_13.NEMO-HA_9_1_14, NEMO-HA_9_1_15,NEMO-HA_9_1_16,	
										Real home link, IKE



No.	RFC	RFC	Itom	Functional Charification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									INEMO-HA 7 1 5	Real home link, Dynamic Home Agent Address Discovery
									NEMO-HA_7_3_1, NEMO-HA_7_4_1,NEMO-HA_7_4_2, NEMO-HA_7_5_1, NEMO-HA_7_6_1,NEMO-HA_7_6_2, NEMO-HA_7_6_3,NEMO-HA_7_6_4, NEMO-HA_7_6_5,NEMO-HA_7_6_6, NEMO-HA_7_6_7,NEMO-HA_7_6_8, NEMO-HA_7_6_9,NEMO-HA_7_6_10,	
									NEMO-HA_8_1_15, NEMO-HA_9_2_1,NEMO-HA_9_2_2, NEMO-HA_9_2_3,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6,	Real Home link, MPS/MPA Real Home link, Network mobility(same
									NEMO-HA_9_2_7,NEMO-HA_9_2_8, NEMO-HA_9_2_9,NEMO-HA_9_2_10, NEMO-HA_9_2_11,NEMO-HA_9_2_12, NEMO-HA_9_2_13,NEMO-HA_9_2_14,	HA)
3				The rules for maintaining a Binding Cache are the same for home agents and correspondent nodes and have already been described in Section 9.1. (Section 9.1) o The home address of the mobile	(do)	A	A1	X	NEMO-HA_2_1_5, NEMO-HA_2_1_7, NEMO-HA_2_1_8, NEMO-HA_2_2_11, NEMO-HA_2_2_12, NEMO-HA_2_2_14, NEMO-HA_2_5_3, NEMO-HA_2_5_4, NEMO-HA_2_5_7, NEMO-HA_2_5_8, NEMO-HA_2_6_7, NEMO-HA_2_6_8, NEMO-HA_2_6_9, NEMO-HA_2_6_10, NEMO-HA_2_6_11, NEMO-HA_2_6_12,	Virtual Home link
				node for which this is the Binding Cache entry. This field is used as the key for searching the Binding Cache for the destination address of a packet being sent.					NEMO-HA_2_7_3.NEMO-HA_2_7_4, NEMO-HA_2_7_7.NEMO-HA_2_7_8, NEMO-HA_2_8_7.NEMO-HA_2_8_8, NEMO-HA_2_8_9.NEMO-HA_2_8_10, NEMO-HA_2_8_11,NEMO-HA_2_8_12,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
INU.	Section	Section title	Item	•	Status	Rank	Priority	Supported	Test No.	Reason of TEST FIIOTHY
				node indicated by the home address field in this Binding Cache entry. o A lifetime value, indicating the remaining lifetime for this Binding Cache entry. The lifetime value is initialized from the Lifetime field in the Binding Update that created or last modified this Binding Cache entry. o A flag indicating whether or not this Binding Cache entry is a home registration entry (applicable only on nodes which support home agent functionality). o The maximum value of the Sequence Number field received in previous Binding Updates for this home address. The Sequence Number field is 16 bits long. Sequence Number values MUST be compared modulo 2** 16 as explained in Section 9.5.1.					NEMO-HA_2_9_11, NEMO-HA_2_9_12, NEMO-HA_2_9_13, NEMO-HA_2_9_14, NEMO-HA_2_9_15, NEMO-HA_2_9_15, NEMO-HA_2_10_10, NEMO-HA_2_10_10, NEMO-HA_2_10_11, NEMO-HA_2_10_11, NEMO-HA_2_10_11, NEMO-HA_2_11_14, NEMO-HA_2_11_14, NEMO-HA_3_1_124, NEMO-HA_3_1_124, NEMO-HA_3_4_16, NEMO-HA_3_4_17, NEMO-HA_3_4_16, NEMO-HA_3_4_19, NEMO-HA_3_4_19, NEMO-HA_3_4_20, NEMO-HA_5_1_6, NEMO-HA_5_1_7, NEMO-HA_5_1_7, NEMO-HA_5_2_7, NEMO-HA_5_2_8, NEMO-HA_5_2_7, NEMO-HA_5_2_8, NEMO-HA_5_3_10, NEMO-HA_5_3_12, NEMO-HA_5_4_13, NEMO-HA_5_4_13, NEMO-HA_5_4_14, NEMO-HA_5_4_16, NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_4_18, NEMO-HA_5_4_18, NEMO-HA_5_4_18, NEMO-HA_5_4_18, NEMO-HA_5_4_18, NEMO-HA_5_4_18, NEMO-HA_5_4_18, NEMO-HA_5_4_18, NEMO-HA_5_5_4, NEMO-HA_5_5_6, NEMO-HA_6_4_6, NEMO-	
									NEMO-HA_6_5_5,NEMO-HA_6_5_6, NEMO-HA_6_5_7,NEMO-HA_6_5_8, NEMO-HA_6_6_3,NEMO-HA_6_6_4, NEMO-HA_6_6_12,NEMO-HA_6_6_13, NEMO-HA_6_6_14,NEMO-HA_6_6_17, NEMO-HA_6_6_18, NEMO-HA_6_6_18, NEMO-HA_6_7_2,NEMO-HA_6_7_4, NEMO-HA_6_7_7,NEMO-HA_6_7_8, NEMO-HA_6_7_2,NEMO-HA_6_7_8, NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	



No.	RFC	RFC	Itam	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_9_1_17, NEMO-HA_9_1_18, NEMO-HA_9_1_19, NEMO-HA_9_1_20, NEMO-HA_9_1_21, NEMO-HA_9_1_22, NEMO-HA_9_1_23, NEMO-HA_9_1_24, NEMO-HA_9_1_25, NEMO-HA_9_1_26, NEMO-HA_9_1_27, NEMO-HA_9_1_28, NEMO-HA_9_1_29, NEMO-HA_9_1_30, NEMO-HA_9_1_31, NEMO-HA_9_1_32,	
							A2	X	NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, IKE Virtual Home link, MPS/MPA
									NEMO-HA_9_2_15.NEMO-HA_9_2_16, NEMO-HA_9_2_17.NEMO-HA_9_2_18, NEMO-HA_9_2_19.NEMO-HA_9_2_20, NEMO-HA_9_2_21.NEMO-HA_9_2_22, NEMO-HA_9_2_23.NEMO-HA_9_2_24, NEMO-HA_9_2_25.NEMO-HA_9_2_26, NEMO-HA_9_2_27.NEMO-HA_9_2_28,	Virtual Home link, Network mobility(same HA)
									NEMO-HA_1_1_5,NEMO-HA_1_1_6, NEMO-HA_1_1_7, NEMO-HA_2_1_1,NEMO-HA_2_1_2, NEMO-HA_2_1_3,NEMO-HA_2_1_4, NEMO-HA_2_1_6,NEMO-HA_2_1_9, NEMO-HA_2_1_14,NEMO-HA_2_1_15, NEMO-HA_2_2_9,NEMO-HA_2_2_10, NEMO-HA_2_2_13,	Real Home link
									NEMO-HA_2_3_1, NEMO-HA_2_3_2, NEMO-HA_2_3_3, NEMO-HA_2_3_4, NEMO-HA_2_5_1, NEMO-HA_2_5_2, NEMO-HA_2_5_5, NEMO-HA_2_5_6, NEMO-HA_2_6_1, NEMO-HA_2_6_2, NEMO-HA_2_6_3, NEMO-HA_2_6_6, NEMO-HA_2_6_5, NEMO-HA_2_6_6,	
									NEMO-HA_2_7_1, NEMO-HA_2_7_2, NEMO-HA_2_7_5, NEMO-HA_2_7_6, NEMO-HA_2_8_1, NEMO-HA_2_8_2, NEMO-HA_2_8_3, NEMO-HA_2_8_6, NEMO-HA_2_8_5, NEMO-HA_2_8_6,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
INO.	Section	Section title	nem	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_2_9_1, NEMO-HA_2_9_2, NEMO-HA_2_9_3, NEMO-HA_2_9_4, NEMO-HA_2_9_5, NEMO-HA_2_10_2, NEMO-HA_2_10_3, NEMO-HA_2_10_4, NEMO-HA_2_10_5, NEMO-HA_2_10_6, NEMO-HA_2_11_4, NEMO-HA_2_11_4, NEMO-HA_2_12_1,	
									NEMO-HA_3_1_1, NEMO-HA_3_1_2, NEMO-HA_3_1_3, NEMO-HA_3_1_4, NEMO-HA_3_1_5, NEMO-HA_3_1_6, NEMO-HA_3_1_7, NEMO-HA_3_1_8, NEMO-HA_3_1_9, NEMO-HA_3_1_10, NEMO-HA_3_3_1, NEMO-HA_3_3_2, NEMO-HA_3_3_3, NEMO-HA_3_3_4, NEMO-HA_3_3_5, NEMO-HA_3_3_6, NEMO-HA_3_3_7, NEMO-HA_3_3_8,	
									NEMO-HA_3_4_1,NEMO-HA_3_4_2, NEMO-HA_3_4_3,NEMO-HA_3_4_4, NEMO-HA_3_4_5,NEMO-HA_3_4_6, NEMO-HA_3_4_7,NEMO-HA_3_4_10, NEMO-HA_3_4_9,NEMO-HA_3_4_110, NEMO-HA_3_4_11,NEMO-HA_3_4_12, NEMO-HA_3_4_13,NEMO-HA_3_4_14, NEMO-HA_3_4_15,	
									NEMO-HA_4_2_1,NEMO-HA_4_2_2, NEMO-HA_4_2_3,NEMO-HA_4_2_4, NEMO-HA_4_2_5,NEMO-HA_4_2_6, NEMO-HA_4_2_7,NEMO-HA_4_2_8, NEMO-HA_4_2_9,NEMO-HA_4_2_10, NEMO-HA_4_2_11,NEMO-HA_4_2_12, NEMO-HA_4_2_13,NEMO-HA_4_2_14, NEMO-HA_4_2_15,NEMO-HA_4_2_16,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_4_3_1, NEMO-HA_4_3_2, NEMO-HA_4_3_3, NEMO-HA_4_3_4, NEMO-HA_4_3_5, NEMO-HA_4_3_6, NEMO-HA_4_3_7, NEMO-HA_4_3_8, NEMO-HA_4_3_9, NEMO-HA_4_3_10, NEMO-HA_4_3_11, NEMO-HA_4_3_12, NEMO-HA_4_3_13, NEMO-HA_4_3_14, NEMO-HA_4_3_15, NEMO-HA_4_3_16,	
									NEMO-HA_4_4_1,NEMO-HA_4_4_2, NEMO-HA_4_4_3,NEMO-HA_4_4_4, NEMO-HA_4_4_5,NEMO-HA_4_4_6, NEMO-HA_4_4_7,NEMO-HA_4_4_8, NEMO-HA_4_4_9,NEMO-HA_4_4_13, NEMO-HA_4_4_14,NEMO-HA_4_4_15,	
									NEMO-HA_5_1_1,NEMO-HA_5_1_2, NEMO-HA_5_1_3,NEMO-HA_5_1_4, NEMO-HA_5_2_1,NEMO-HA_5_2_2, NEMO-HA_5_2_3,NEMO-HA_5_2_4, NEMO-HA_5_3_1,NEMO-HA_5_3_4, NEMO-HA_5_3_5,NEMO-HA_5_3_6, NEMO-HA_5_3_8,	
									NEMO-HA_5_4_1,NEMO-HA_5_4_2, NEMO-HA_5_4_5,NEMO-HA_5_4_6, NEMO-HA_5_4_7,NEMO-HA_5_4_8, NEMO-HA_5_4_9,NEMO-HA_5_4_10, NEMO-HA_5_4_11, NEMO-HA_5_5_1,NEMO-HA_5_5_3,	
									NEMO-HA_6_1_1.NEMO-HA_6_1_2, NEMO-HA_6_2_1,NEMO-HA_6_2_2, NEMO-HA_6_2_3,NEMO-HA_6_2_4, NEMO-HA_6_4_1,NEMO-HA_6_4_2, NEMO-HA_6_4_3,NEMO-HA_6_4_4, NEMO-HA_6_5_1,NEMO-HA_6_5_2, NEMO-HA_6_5_3,NEMO-HA_6_5_4,	



No.	RFC	RFC	Itom	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
INO.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_6_6_1, NEMO-HA_6_6_2, NEMO-HA_6_6_5, NEMO-HA_6_6_6, NEMO-HA_6_6_7, NEMO-HA_6_6_8, NEMO-HA_6_6_9, NEMO-HA_6_6_10, NEMO-HA_6_6_11, NEMO-HA_6_7_1, NEMO-HA_6_7_3, NEMO-HA_6_7_5, NEMO-HA_6_7_6, NEMO-HA_8_1_1, NEMO-HA_8_1_7, NEMO-HA_8_1_15,	
									NEMO-HA_9_1_1, NEMO-HA_9_1_2, NEMO-HA_9_1_3, NEMO-HA_9_1_4, NEMO-HA_9_1_5, NEMO-HA_9_1_6, NEMO-HA_9_1_7, NEMO-HA_9_1_8, NEMO-HA_9_1_9, NEMO-HA_9_1_10, NEMO-HA_9_1_11, NEMO-HA_9_1_12, NEMO-HA_9_1_13, NEMO-HA_9_1_14, NEMO-HA_9_1_15, NEMO-HA_9_1_16,	
									NEMO-HA_9_2_1,NEMO-HA_9_2_2, NEMO-HA_9_2_3,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6, NEMO-HA_9_2_7,NEMO-HA_9_2_8, NEMO-HA_9_2_9,NEMO-HA_9_2_10, NEMO-HA_9_2_11,NEMO-HA_9_2_12, NEMO-HA_9_2_13,NEMO-HA_9_2_14,	
									NEMO-HA_8_1_1,NEMO-HA_8_1_7,	Real home link, IKE Real Home link,
									NEMO-HA_8_1_15, NEMO-HA_9_2_1,NEMO-HA_9_2_2, NEMO-HA_9_2_3,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6,	MPS/MPA Real Home link, Network mobility(same HA)
									NEMO-HA_9_2_11,NEMO-HA_9_2_12,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
Sec.	ection	Section title	item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
4				A router is known to be acting as a home agent, if it sends a Router Advertisement in which the Home Agent (H) bit is set. When the lifetime for a list entry (defined below) expires, that entry is removed from the Home Agents List.	(do)	A	A2	Х	NEMO-HA_7_1_I,NEMO-HA_7_1_3, NEMO-HA_7_1_5, NEMO-HA_7_2_I,NEMO-HA_7_2_2, NEMO-HA_7_2_3,NEMO-HA_7_2_4, NEMO-HA_7_2_5,NEMO-HA_7_2_6, NEMO-HA_7_2_5,NEMO-HA_7_2_10, NEMO-HA_7_2_9,NEMO-HA_7_2_10, NEMO-HA_7_2_11,NEMO-HA_7_2_12, NEMO-HA_7_2_13,NEMO-HA_7_2_14, NEMO-HA_7_2_15,	Real Home link, Dynamic Home Agent Address Discovery
									NEMO-HA_7_3_1,NEMO-HA_7_3_2, NEMO-HA_7_4_1,NEMO-HA_7_4_2, NEMO-HA_7_6_1,NEMO-HA_7_6_2, NEMO-HA_7_6_3,NEMO-HA_7_6_4, NEMO-HA_7_6_5,NEMO-HA_7_6_6, NEMO-HA_7_6_7,NEMO-HA_7_6_8, NEMO-HA_7_6_9,NEMO-HA_7_6_10,	
5				The Home Agents List MAY be implemented in any manner consistent with the external behavior described in this document.	MAY	С	С			This function is implementaion-dependent. It does not effect on interoperability.
6				Each home agent maintains a separate Home Agents List for each link on which it is serving as a home agent.	(do)	A	A2	X	NEMO-HA_7_1_2,NEMO-HA_7_1_4, NEMO-HA_7_1_6, NEMO-HA_7_1_1,NEMO-HA_7_1_3, NEMO-HA_7_1_5, NEMO-HA_7_2_1,NEMO-HA_7_2_2, NEMO-HA_7_2_3,NEMO-HA_7_2_4, NEMO-HA_7_2_5,NEMO-HA_7_2_6, NEMO-HA_7_2_7,NEMO-HA_7_2_10, NEMO-HA_7_2_9,NEMO-HA_7_2_10, NEMO-HA_7_2_11,NEMO-HA_7_2_12, NEMO-HA_7_2_13,NEMO-HA_7_2_14, NEMO-HA_7_2_15,	Virtual Home link, Dynamic Home Agent Address Discovery Real Home link, Dynamic Home Agent Address Discovery



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Thority
									NEMO-HA_7_3_1, NEMO-HA_7_3_2, NEMO-HA_7_4_1, NEMO-HA_7_4_2, NEMO-HA_7_5_1, NEMO-HA_7_6_1, NEMO-HA_7_6_2, NEMO-HA_7_6_3, NEMO-HA_7_6_4, NEMO-HA_7_6_5, NEMO-HA_7_6_6, NEMO-HA_7_6_7, NEMO-HA_7_6_8, NEMO-HA_7_6_9, NEMO-HA_7_6_10,	
7			is created or an existing entry is updated in response to receipt of a valid Router Advertisemen t in which the Home Agent (H) bit is set. Each Home Agents List entry conceptually contains the following fields:		(do)	A	A2	X	NEMO-HA_7_1_1, NEMO-HA_7_1_3, NEMO-HA_7_1_5, NEMO-HA_7_2_1, NEMO-HA_7_2_2, NEMO-HA_7_2_2, NEMO-HA_7_2_3, NEMO-HA_7_2_6, NEMO-HA_7_2_5, NEMO-HA_7_2_6, NEMO-HA_7_2_6, NEMO-HA_7_2_10, NEMO-HA_7_2_10, NEMO-HA_7_2_11, NEMO-HA_7_2_11, NEMO-HA_7_2_13, NEMO-HA_7_2_14, NEMO-HA_7_2_15, NEMO-HA_7_2_15, NEMO-HA_7_2_15, NEMO-HA_7_2_15, NEMO-HA_7_2_15, NEMO-HA_7_2_15, NEMO-HA_7_3_1, NEMO-HA_7_4_2, NEMO-HA_7_6_1, NEMO-HA_7_6_1, NEMO-HA_7_6_1, NEMO-HA_7_6_6, NEMO-HA_7_6_5, NEMO-HA_7_6_6, NEMO-HA_7_6_7, NEMO-HA_7_6_6, NEMO-HA_7_6_9, NEMO-HA_7_6_10, NEMO-	Real Home link, Dynamic Home Agent Address Discovery
8				o One or more global IP addresses for this home agent. Global addresses are learned through Prefix Information options with the Router Address (R) bit set and received in Router Advertisements from this link-local address.	(do)	A	A2	Х	NEMO-HA_7_1_I,NEMO-HA_7_1_3, NEMO-HA_7_1_5, NEMO-HA_7_2_I,NEMO-HA_7_2_2, NEMO-HA_7_2_3,NEMO-HA_7_2_4, NEMO-HA_7_2_5,NEMO-HA_7_2_6, NEMO-HA_7_2_7,NEMO-HA_7_2_8, NEMO-HA_7_2_9,NEMO-HA_7_2_10, NEMO-HA_7_2_11,NEMO-HA_7_2_12, NEMO-HA_7_2_13,NEMO-HA_7_2_14, NEMO-HA_7_2_15,	Real Home link, Dynamic Home Agent Address Discovery



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Friority
									NEMO-HA_7_3_1,NEMO-HA_7_3_2, NEMO-HA_7_4_1,NEMO-HA_7_4_2, NEMO-HA_7_5_1, NEMO-HA_7_6_1,NEMO-HA_7_6_2, NEMO-HA_7_6_3,NEMO-HA_7_6_4, NEMO-HA_7_6_5,NEMO-HA_7_6_6, NEMO-HA_7_6_7,NEMO-HA_7_6_8, NEMO-HA_7_6_9,NEMO-HA_7_6_10,	
9				Global addresses for the router in a Home Agents List entry MUST be deleted once the prefix associated with that address is no longer valid [12].	MUST	A	A2			This function is implementaion-dependent. It does not effect on interoperability. *Multiple prefix
10				o The remaining lifetime of this Home Agents List entry. If a Home Agent Information Option is present in a Router Advertisement received from a home agent, the lifetime of the Home Agents List entry representing that home agent is initialized from the Home Agent Lifetime field in the option (if present); otherwise, the lifetime is initialized from the Router Lifetime field in the received Router Advertisement.	MUST	A	A2	X	NEMO-HA_7_1_1,NEMO-HA_7_1_3, NEMO-HA_7_1_5, NEMO-HA_7_2_1,NEMO-HA_7_2_2, NEMO-HA_7_2_3,NEMO-HA_7_2_4, NEMO-HA_7_2_5,NEMO-HA_7_2_6, NEMO-HA_7_2_5,NEMO-HA_7_2_6, NEMO-HA_7_2_5,NEMO-HA_7_2_10, NEMO-HA_7_2_9,NEMO-HA_7_2_110, NEMO-HA_7_2_11,NEMO-HA_7_2_12, NEMO-HA_7_2_15, NEMO-HA_7_2_15, NEMO-HA_7_2_15, NEMO-HA_7_2_15, NEMO-HA_7_2_16, NEMO-HA_7_2_16, NEMO-HA_7_2_16, NEMO-HA_7_2_1, NEMO-HA_7_1, NEMO	Real Home link, Dynamic Home Agent Address Discovery
11				If Home Agents List entry lifetime reaches zero, the entry MUST be deleted from the Home Agents List.	MUST	A	A2		NEMO-HA_7_3_2,	Real Home link, Dynamic Home Agent Address Discovery



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank		Supported	Test PROFILE Test No.	Reason of TEST Priority
12				o The preference for this home agent; higher values indicate a more preferable home agent. The preference value is taken from the Home Agent Preference field in the received Router Advertisement, if the Router Advertisement contains a Home Agent Information Option and is otherwise set to the default value of 0. A home agent uses this preference in ordering the Home Agents List when it sends an ICMP Home Agent Address Discovery message.		A	A2	X	NEMO-HA_7_2_3,NEMO-HA_7_2_4, NEMO-HA_7_2_5,NEMO-HA_7_2_6,	Real home link, Dynamic Home Agent Address Discovery



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported		Reason of TEST Priority
1	10.2	Processing Mobility Headers		All IPv6 home agents MUST observe the rules described in Section 9.2 when processing Mobility Headers.	MUST	A	A1	Х	NEMO-HA_1_1_8,NEMO-HA_1_1_9, NEMO-HA_1_1_10, NEMO-HA_2_1_5,NEMO-HA_2_1_6, NEMO-HA_2_1_7,NEMO-HA_2_1_8, NEMO-HA_2_1_15, NEMO-HA_2_2_4,NEMO-HA_2_2_8, NEMO-HA_2_2_11,NEMO-HA_2_2_12, NEMO-HA_2_2_14, NEMO-HA_2_5_3,NEMO-HA_2_5_4, NEMO-HA_2_5_7,NEMO-HA_2_5_8,	Virtual Home link
									NEMO-HA_2_6_7, NEMO-HA_2_6_8, NEMO-HA_2_6_9, NEMO-HA_2_6_10, NEMO-HA_2_6_11, NEMO-HA_2_6_12, NEMO-HA_2_7_3, NEMO-HA_2_7_4, NEMO-HA_2_7_7, NEMO-HA_2_7_8, NEMO-HA_2_8_7, NEMO-HA_2_8_8, NEMO-HA_2_8_9, NEMO-HA_2_8_10, NEMO-HA_2_8_11, NEMO-HA_2_8_12, NEMO-HA_2_9_11, NEMO-HA_2_9_12, NEMO-HA_2_9_13, NEMO-HA_2_9_14, NEMO-HA_2_9_15,	
									NEMO-HA_2_10_7,NEMO-HA_2_10_8, NEMO-HA_2_10_9,NEMO-HA_2_10_10, NEMO-HA_2_10_11,NEMO-HA_2_10_12, NEMO-HA_2_11_11,NEMO-HA_2_11_12, NEMO-HA_2_11_13,NEMO-HA_2_11_14, NEMO-HA_2_11_15, NEMO-HA_2_11_15, NEMO-HA_2_11_19, NEMO-HA_2_11_19,	
									NEMO-HA_3_1_11.NEMO-HA_3_1_12, NEMO-HA_3_2_11.NEMO-HA_3_2_12, NEMO-HA_3_4_16.NEMO-HA_3_4_17, NEMO-HA_3_4_18.NEMO-HA_3_4_19, NEMO-HA_3_4_20,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
100.	Section	Section title	Item	runctional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Phority
									NEMO-HA_5_1_5, NEMO-HA_5_1_6, NEMO-HA_5_1_7, NEMO-HA_5_2_5, NEMO-HA_5_2_6, NEMO-HA_5_2_7, NEMO-HA_5_2_8, NEMO-HA_5_3_9, NEMO-HA_5_3_10, NEMO-HA_5_3_12, NEMO-HA_5_4_3, NEMO-HA_5_4_4, NEMO-HA_5_4_12, NEMO-HA_5_4_13, NEMO-HA_5_4_16, NEMO-HA_5_4_15, NEMO-HA_5_4_16, NEMO-HA_5_4_17, NEMO-HA_5_4_16, NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_5_6,	
									NEMO-HA_6_4_5,NEMO-HA_6_4_6, NEMO-HA_6_4_7,NEMO-HA_6_4_8, NEMO-HA_6_5_5,NEMO-HA_6_5_6, NEMO-HA_6_6_5,NEMO-HA_6_5_8, NEMO-HA_6_6_3,NEMO-HA_6_6_1, NEMO-HA_6_6_112,NEMO-HA_6_6_13, NEMO-HA_6_6_114,NEMO-HA_6_6_15, NEMO-HA_6_6_116,NEMO-HA_6_6_17, NEMO-HA_6_6_18, NEMO-HA_6_6_18, NEMO-HA_6_6_18,	
									NEMO-HA_9_1_17.NEMO-HA_9_1_18, NEMO-HA_9_1_19.NEMO-HA_9_1_20, NEMO-HA_9_1_21.NEMO-HA_9_1_22, NEMO-HA_9_1_23.NEMO-HA_9_1_24, NEMO-HA_9_1_25.NEMO-HA_9_1_26, NEMO-HA_9_1_27.NEMO-HA_9_1_30, NEMO-HA_9_1_29,NEMO-HA_9_1_30, NEMO-HA_9_1_31,NEMO-HA_9_1_32,	
							A2		NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, IKE Virtual Home link, MPS/MPA



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Phority
									NEMO-HA_9_2_15, NEMO-HA_9_2_16, NEMO-HA_9_2_17, NEMO-HA_9_2_18, NEMO-HA_9_2_19, NEMO-HA_9_2_20, NEMO-HA_9_2_21, NEMO-HA_9_2_22, NEMO-HA_9_2_23, NEMO-HA_9_2_22, NEMO-HA_9_2_25, NEMO-HA_9_2_26, NEMO-HA_9_2_27, NEMO-HA_9_2_28,	Virtual Home link, Network mobility(same HA)
									NEMO-HA_1_1_1,NEMO-HA_1_1_2, NEMO-HA_1_1_3,NEMO-HA_1_1_4, NEMO-HA_1_1_5,NEMO-HA_1_1_6, NEMO-HA_1_1_5,NEMO-HA_1_1_6, NEMO-HA_2_1_3,NEMO-HA_2_1_2, NEMO-HA_2_1_3,NEMO-HA_2_1_4, NEMO-HA_2_1_3,NEMO-HA_2_1_4, NEMO-HA_2_1_9,NEMO-HA_2_1_14, NEMO-HA_2_2_1,NEMO-HA_2_2_2, NEMO-HA_2_2_1,NEMO-HA_2_2_2, NEMO-HA_2_2_10,NEMO-HA_2_2_1_3, NEMO-HA_2_3_3,NEMO-HA_2_3_2, NEMO-HA_2_3_3,NEMO-HA_2_3_4, NEMO-HA_2_4_3,NEMO-HA_2_4_2, NEMO-HA_2_4_1,NEMO-HA_2_4_2, NEMO-HA_2_4_5,NEMO-HA_2_4_6, NEMO-HA_2_5_5,NEMO-HA_2_5_6, NEMO-HA_2_5_5,NEMO-HA_2_5_6,	Real Home link
									NEMO-HA_2_6_1, NEMO-HA_2_6_2, NEMO-HA_2_6_3, NEMO-HA_2_6_4, NEMO-HA_2_6_5, NEMO-HA_2_6_6, NEMO-HA_2_7_1, NEMO-HA_2_7_6, NEMO-HA_2_8_1, NEMO-HA_2_8_2, NEMO-HA_2_8_3, NEMO-HA_2_8_4, NEMO-HA_2_8_5, NEMO-HA_2_8_6, NEMO-HA_2_9_1, NEMO-HA_2_9_2, NEMO-HA_2_9_3, NEMO-HA_2_9_4, NEMO-HA_2_9_3, NEMO-HA_2_9_4, NEMO-HA_2_9_5,	



No R	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
Sec	ction	Section title	Itelli	r unctional specification	Status	Rank	Priority	Supported	Test No.	reason of TEST FIGURE
No I			Item	Functional Specification				Supported		Reason of TEST Priority



No.	RFC	RFC	T+	E	RFC	Functional	TEST		Test PROFILE	D
INO.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
	Section	Section title			Status	Rank	Priority		Test No. NEMO-HA_4_3_1,NEMO-HA_4_3_2, NEMO-HA_4_3_3,NEMO-HA_4_3_6, NEMO-HA_4_3_5,NEMO-HA_4_3_6, NEMO-HA_4_3_7,NEMO-HA_4_3_10, NEMO-HA_4_3_11,NEMO-HA_4_3_12, NEMO-HA_4_3_11,NEMO-HA_4_3_14, NEMO-HA_4_3_15,NEMO-HA_4_3_16, NEMO-HA_4_3_15,NEMO-HA_4_3_16, NEMO-HA_4_4_1,NEMO-HA_4_4_2, NEMO-HA_4_4_1,NEMO-HA_4_4_4_4, NEMO-HA_4_4_5,NEMO-HA_4_4_4_8, NEMO-HA_4_4_5,NEMO-HA_4_4_4_1, NEMO-HA_4_4_1,NEMO-HA_4_4_15, NEMO-HA_4_4_1,NEMO-HA_4_4_15, NEMO-HA_4_4_1,NEMO-HA_4_4_15, NEMO-HA_4_4_1,NEMO-HA_4_4_15, NEMO-HA_5_1_1,NEMO-HA_5_1_2, NEMO-HA_5_1_1,NEMO-HA_5_1_2, NEMO-HA_5_2_1,NEMO-HA_5_2_2, NEMO-HA_5_2_3,NEMO-HA_5_2_4, NEMO-HA_5_3_1,NEMO-HA_5_3_6, NEMO-HA_5_3_1,NEMO-HA_5_3_6, NEMO-HA_5_4_1,NEMO-HA_5_4_2, NEMO-HA_5_4_1,NEMO-HA_5_4_2, NEMO-HA_5_4_1,NEMO-HA_5_4_6, NEMO-HA_5_4_1,NEMO-HA_5_4_6, NEMO-HA_5_4_1,NEMO-HA_5_4_1, NEMO-HA_5_4_1,NEMO-HA_5_4_1, NEMO-HA_5_4_1,NEMO-HA_5_4_1, NEMO-HA_5_4_1,NEMO-HA_5_4_1, NEMO-HA_5_4_1,NEMO-HA_5_4_1, NEMO-HA_5_4_1,NEMO-HA_5_4_1, NEMO-HA_5_4_1,NEMO-HA_6_4_1, NEMO-HA_6_1_1,NEMO-HA_6_1_2, NEMO-HA_6_1_1,NEMO-HA_6_1_2, NEMO-HA_6_2_1,NEMO-HA_6_2_4, NEMO-HA_6_2_1,NEMO-HA_6_2_4, NEMO-HA_6_4_3,NEMO-HA_6_4_2, NEMO-HA_6_4_3,NEMO-HA_6_4_2, NEMO-HA_6_6_1,NEMO-HA_6_5_2, NEMO-HA_6_6_5_1,NEMO-HA_6_5_2, NEMO-HA_6_6_5_1,NEMO-HA_6_6_5_4, NEMO-HA_6_6_5_1,NEMO-HA_6_6_5_6, NEMO-HA_6_6_5_6,NEMO-HA_6_6_5_6,NEMO-HA_6_6_5_6,NEMO-HA_6_6_5_6,NEMO-HA_6_6_5_6,NEMO-HA_6_6_5_6,NEMO-HA_6_6_5_6,NEMO-HA_6_6_5_6,NEMO-HA_6_6_5_6,NEMO-HA_6_6_5_6,NEMO-HA_6_6_5_6,NEMO-HA_6_6_5_6,NEMO-HA_6_6_5_6,NEMO-HA_6_6_5_6,NEMO-HA_	



NI	RFC	RFC	T.	F 16	RFC	Functional	TEST		Test PROFILE	D CTECTED : 11
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_6_6_1, NEMO-HA_6_6_2, NEMO-HA_6_6_5, NEMO-HA_6_6_6, NEMO-HA_6_6_7, NEMO-HA_6_6_8, NEMO-HA_6_6_9, NEMO-HA_6_6_10, NEMO-HA_6_6_11, NEMO-HA_6_7_1, NEMO-HA_6_7_3, NEMO-HA_6_7_5, NEMO-HA_6_7_6,	
									NEMO-HA_9_1_1,NEMO-HA_9_1_2, NEMO-HA_9_1_3,NEMO-HA_9_1_4, NEMO-HA_9_1_5,NEMO-HA_9_1_6, NEMO-HA_9_1_7,NEMO-HA_9_1_8, NEMO-HA_9_1_9,NEMO-HA_9_1_10, NEMO-HA_9_1_11,NEMO-HA_9_1_12, NEMO-HA_9_1_13,NEMO-HA_9_1_14, NEMO-HA_9_1_15,NEMO-HA_9_1_16,	
										Real home link, IKE
									NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA
									NEMO-HA_9_2_1,NEMO-HA_9_2_2, NEMO-HA_9_2_3,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6, NEMO-HA_9_2_7,NEMO-HA_9_2_8, NEMO-HA_9_2_9,NEMO-HA_9_2_10, NEMO-HA_9_2_11,NEMO-HA_9_2_12, NEMO-HA_9_2_13,NEMO-HA_9_2_14,	Real Home link, Network mobility(same HA)
2	9.2	Processing	Mobility	The checksum must be verified as per	MUST	A	A1	X	NEMO-HA_1_1_8	Virtual Home link
		Mobility Headers	Header processing	Section 6.1. Otherwise, the node MUST silently discard the message.			A2	X	NEMO-HA_1_1_3,	Real Home link
3			MUST observe	The MH Type field MUST have a	MUST	A	A1	X		Virtual Home link
			the following	known value (Section 6.1.1).			A2	X	NEMO-HA_1_1_1,NEMO-HA_1_1_5	Real Home link
4			rules:	Otherwise, the node MUST discard the message and issue a Binding Error	MUST	A	A1	X		Virtual Home link
				message as described in Section 9.3.3, with Status field set to 2 (unrecognized			A2	X	NEMO-HA_1_1_1,NEMO-HA_1_1_5	Real Home link
5				The Payload Proto field MUST be	MUST	A	A1	X	NEMO-HA_1_1_9	Virtual Home link
				IPPROTO_NONE (59 decimal).) II IOE		A2	X	NEMO-HA_1_1_2,NEMO-HA_1_1_6,	Real Home link
6				Otherwise, the node MUST discard the	MUST	A	A1	X	NEMO-HA_1_1_9	Virtual Home link
				message and SHOULD send ICMP			A2	X	NEMO-HA_1_1_2,NEMO-HA_1_1_6,	Real Home link



No.	RFC	RFC	T+	F	RFC	Functional	TEST		Test PROFILE	D CTECT D.:
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
7				Parameter Problem [14], Code 0, to the	SHOULD	A	A1	X	NEMO-HA_1_1_9	Virtual Home link
				Source Address of the packet.			A2	X	NEMO-HA_1_1_2,NEMO-HA_1_1_6,	Real Home link
8				o The Header Len field in the Mobility Header MUST NOT be less than the length specified for this particular type of message in Section 6.1.	NOT	A	A1	X	NEMO-HA_2_1_5, NEMO-HA_2_1_6, NEMO-HA_2_1_5, NEMO-HA_2_1_15, NEMO-HA_2_1_15, NEMO-HA_2_2_12, NEMO-HA_2_2_14, NEMO-HA_2_2_14, NEMO-HA_2_2_14, NEMO-HA_2_2_14, NEMO-HA_2_2_14, NEMO-HA_2_5_4, NEMO-HA_2_5_5_4, NEMO-HA_2_5_5_7, NEMO-HA_2_5_5_8, NEMO-HA_2_5_5_7, NEMO-HA_2_6_10, NEMO-HA_2_6_11, NEMO-HA_2_6_11, NEMO-HA_2_6_11, NEMO-HA_2_6_12, NEMO-HA_2_7_3, NEMO-HA_2_7_4, NEMO-HA_2_7_3, NEMO-HA_2_7_4, NEMO-HA_2_7_7, NEMO-HA_2_8_8, NEMO-HA_2_8_7, NEMO-HA_2_8_8, NEMO-HA_2_8_7, NEMO-HA_2_8_8, NEMO-HA_2_8_11, NEMO-HA_2_8_11, NEMO-HA_2_9_11, NEMO-HA_2_9_11, NEMO-HA_2_9_11, NEMO-HA_2_9_15, NEMO-HA_2_10_11, NEMO-HA_2_10_11, NEMO-HA_2_10_11, NEMO-HA_2_11_112, NEMO-HA_2_11_113, NEMO-HA_2_11_114, NEMO-HA_2_11_15, NEMO-HA_2_11_115, NEMO-HA_2_11_119, NEMO-HA_2_11_110, NEMO-HA_2_11_119, NEMO-HA_2_11_110, NEMO-HA_3_1_110, NEMO-HA_3_1_110	Virtual Home link



No.	RFC	RFC	T4	F	RFC	Functional	TEST		Test PROFILE	D CTECT D.:: t.
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_5_1_5, NEMO-HA_5_1_6, NEMO-HA_5_1_7, NEMO-HA_5_2_5, NEMO-HA_5_2_6, NEMO-HA_5_2_7, NEMO-HA_5_2_8, NEMO-HA_5_3_9, NEMO-HA_5_3_10, NEMO-HA_5_3_112, NEMO-HA_5_4_3, NEMO-HA_5_4_4, NEMO-HA_5_4_12, NEMO-HA_5_4_13, NEMO-HA_5_4_16, NEMO-HA_5_4_15, NEMO-HA_5_4_16, NEMO-HA_5_4_17, NEMO-HA_5_4_16, NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_4_18,	
									NEMO-HA_6_4_5, NEMO-HA_6_4_8, NEMO-HA_6_4_7, NEMO-HA_6_4_8, NEMO-HA_6_5_5, NEMO-HA_6_5_6, NEMO-HA_6_5_7, NEMO-HA_6_5_8, NEMO-HA_6_6_3, NEMO-HA_6_6_13, NEMO-HA_6_6_12, NEMO-HA_6_6_15, NEMO-HA_6_6_118, NEMO-HA_6_6_17, NEMO-HA_6_6_18, NEMO-HA_6_6_17, NEMO-HA_6_6_18, NEMO-HA_6_7_4, NEMO-HA_6_7_7, NEMO-HA_6_7_8,	
							A 2		NEMO-HA_9_1_17,NEMO-HA_9_1_18, NEMO-HA_9_1_19,NEMO-HA_9_1_20, NEMO-HA_9_1_21,NEMO-HA_9_1_22, NEMO-HA_9_1_23,NEMO-HA_9_1_24, NEMO-HA_9_1_25,NEMO-HA_9_1_26, NEMO-HA_9_1_27,NEMO-HA_9_1_28, NEMO-HA_9_1_29,NEMO-HA_9_1_30, NEMO-HA_9_1_31,NEMO-HA_9_1_32,	Wintug Hong link
							A2	X	NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, IKE Virtual Home link,
1									1v2.vio 1111_0_1_10,	MPS/MPA





No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
INO.	Section	Section title	Itelli	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Phority
									NEMO-HA_3_1_1, NEMO-HA_3_1_2, NEMO-HA_3_1_4, NEMO-HA_3_1_5, NEMO-HA_3_1_6, NEMO-HA_3_1_6, NEMO-HA_3_1_5, NEMO-HA_3_1_6, NEMO-HA_3_1_5, NEMO-HA_3_1_7, NEMO-HA_3_1_8, NEMO-HA_3_2_1, NEMO-HA_3_2_1, NEMO-HA_3_2_2, NEMO-HA_3_2_5, NEMO-HA_3_2_5, NEMO-HA_3_2_6, NEMO-HA_3_2_5, NEMO-HA_3_2_6, NEMO-HA_3_2_6, NEMO-HA_3_2_6, NEMO-HA_3_2_6, NEMO-HA_3_2_6, NEMO-HA_3_2_6, NEMO-HA_3_2_6, NEMO-HA_3_3_6, NEMO-HA_3_3_6, NEMO-HA_3_3_3, NEMO-HA_3_3_4, NEMO-HA_3_3_5, NEMO-HA_3_3_6, NEMO-HA_3_3_6, NEMO-HA_3_4_1, NEMO-HA_3_4_2, NEMO-HA_3_4_1, NEMO-HA_3_4_4, NEMO-HA_3_4_1, NEMO-HA_3_4_6, NEMO-HA_3_4_7, NEMO-HA_3_4_6, NEMO-HA_3_4_7, NEMO-HA_3_4_6, NEMO-HA_3_4_1, NEMO-H	
									NEMO-HA_4_1_1,NEMO-HA_4_1_2, NEMO-HA_4_1_3, NEMO-HA_4_2_1,NEMO-HA_4_2_2, NEMO-HA_4_2_3,NEMO-HA_4_2_4, NEMO-HA_4_2_5,NEMO-HA_4_2_6, NEMO-HA_4_2_7,NEMO-HA_4_2_10, NEMO-HA_4_2_9,NEMO-HA_4_2_12, NEMO-HA_4_2_11,NEMO-HA_4_2_14, NEMO-HA_4_2_13,NEMO-HA_4_2_14, NEMO-HA_4_2_15,NEMO-HA_4_2_16,	





No.	RFC	RFC	Item	E	RFC	Functional	TEST		Test PROFILE	D CTECT Detectes
INO.	Section	Section title	item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_6_6_1, NEMO-HA_6_6_2, NEMO-HA_6_6_5, NEMO-HA_6_6_6, NEMO-HA_6_6_7, NEMO-HA_6_6_8, NEMO-HA_6_6_9, NEMO-HA_6_6_10, NEMO-HA_6_6_11, NEMO-HA_6_7_1, NEMO-HA_6_7_3, NEMO-HA_6_7_5, NEMO-HA_6_7_6,	
									NEMO-HA_9_1_1.NEMO-HA_9_1_2, NEMO-HA_9_1_3.NEMO-HA_9_1_4, NEMO-HA_9_1_5.NEMO-HA_9_1_6, NEMO-HA_9_1_7.NEMO-HA_9_1_8, NEMO-HA_9_1_9.NEMO-HA_9_1_10, NEMO-HA_9_1_11.NEMO-HA_9_1_12, NEMO-HA_9_1_13.NEMO-HA_9_1_14, NEMO-HA_9_1_15.NEMO-HA_9_1_16,	
										Real home link, IKE
									NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA
									NEMO-HA_9_2_1,NEMO-HA_9_2_2, NEMO-HA_9_2_3,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6, NEMO-HA_9_2_7,NEMO-HA_9_2_8, NEMO-HA_9_2_9,NEMO-HA_9_2_10, NEMO-HA_9_2_11,NEMO-HA_9_2_12, NEMO-HA_9_2_13,NEMO-HA_9_2_14,	Real Home link, Network mobility(same HA)
9	1			Otherwise, the node MUST discard the	MUST	A	A1	Λ	NEMO-HA_1_1_10	Virtual Home link
				message and SHOULD send ICMP			A2	Λ	NEMO-HA_1_1_4,NEMO-HA_1_1_7,	Real Home link
10				Parameter Problem [14], Code 0, to the	SHOULD	Α	A1	Λ	NEMO-HA_1_1_10	Virtual Home link
				Source Address of the packet.			A2	X	NEMO-HA_1_1_4,NEMO-HA_1_1_7,	Real Home link



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
Se	ection	Section title		-	Status	l	Priority	Supported	Test No.	TEST Priority
1 10.3	3.1	Primary Care- of Address Registration		When a node receives a Binding Update, it MUST validate it and determine the type of Binding Update according to the steps described in Section 9.5.1. (Section 9.5.1) o The packet MUST contain a unicast routable home address, either in the Home Address option or in the Source Address, if the Home Address option is not present. o The Sequence Number field in the Binding Update is greater than the Sequence Number received in the previous valid Binding Update for this home address, if any. If the receiving node has no Binding Cache entry for the indicated home address, it MUST accept any Sequence Number value in a received Binding Update from this mobile node. This Sequence Number comparison MUST be performed modulo 2**16, i.e., the number is a free running counter represented modulo 65536. A Sequence Number in a received Binding Update less than or equal to the last received number if its value lies in the range of	MUST	A	A1	X	NEMO-HA, 2, 1, 3, NEMO-HA, 2, 1, 7, NEMO-HA, 2, 1, 8, NEMO-HA, 2, 1, 8, NEMO-HA, 2, 2, 4, NEMO-HA, 2, 2, 5, NEMO-HA, 2, 2, 4, NEMO-HA, 2, 2, 8, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 3, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 3, NEMO-HA, 2, 3, 8, NEMO-HA, 2, 9, NEMO-HA, 2, 9, 1, NEMO-HA, 2, 1, NEMO-HA, 2, 1, 2, NEMO-HA, 2, 1, 2, NEMO-HA, 2, 1, 2, NEMO-HA, 2, 1, 1, NEMO-H	Virtual Home link
				to the last received number if its value lies in the range of the last received number and the preceding 32768 values, inclusive.					NEMO-HA, 3,1,11.NEMO-HA, 3,1,12, NEMO-HA, 3,2,11.NEMO-HA, 3,2,12, NEMO-HA, 3,4,16.NEMO-HA, 3,4,17, NEMO-HA, 3,4,18.NEMO-HA, 3,4,19, NEMO-HA, 3,4,20,	
									NEMO-HA, 5, 1, 5, NEMO-HA, 5, 1, 6, NEMO-HA, 5, 1, 7, NEMO-HA, 5, 2, 5, NEMO-HA, 5, 2, 6, NEMO-HA, 5, 2, 5, NEMO-HA, 5, 2, 8, NEMO-HA, 5, 3, 9, NEMO-HA, 5, 3, 10, NEMO-HA, 5, 3, 12, NEMO-HA, 5, 3, 10,	
									NEMO-HA, 5, 4, 3.NEMO-HA, 5, 4, 4, NEMO-HA, 5, 4, 12.NEMO-HA, 5, 4, 13, NEMO-HA, 5, 4, 15, NEMO-HA, 5, 4, 17, NEMO-HA, 5, 4, 17, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 5, 4, NEMO-HA, 5, 5, 4, NEMO-HA, 5, 5, 4, NEMO-HA, 5, 5, 4, NEMO-HA, 5, 5, 6, NEMO-HA, 5, 5, 4, NEMO-HA, 5, 5, 6, NEMO-HA, 5, 5, 6, NEMO-HA, 5, 5, 4, NEMO-HA, 5, 5, 6, NEMO-HA, 5, 5, NEMO-HA, 5, NEMO	



No	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO HA. 8, 1, 3, NEMO HA. 8, 1, 4, NEMO HA. 8, 4, 6, NEMO HA. 8, 4, 8, NEMO HA. 8, 4, 6, NEMO HA. 8, 4, 8, NEMO HA. 8, 4, 8, NEMO HA. 8, 8, 1, NEMO HA. 8, 8, NEMO HA. 8, 8, NEMO HA. 8, 8, NEMO HA. 8, 8, NEMO HA.	
									NEMO-HA, 9,1,17.NEMO-HA, 9,1,18. NEMO-HA, 9,1,18.NEMO-HA, 9,1,20. NEMO-HA, 9,1,21.NEMO-HA, 9,1,22. NEMO-HA, 9,1,22.NEMO-HA, 9,1,24. NEMO-HA, 9,1,23.NEMO-HA, 9,1,24. NEMO-HA, 9,1,23.NEMO-HA, 9,1,26. NEMO-HA, 9,1,20.NEMO-HA, 9,1,30. NEMO-HA, 9,1,31.NEMO-HA, 9,1,30.	
							A2	X		Virtual Home link,
							AL	Α	NEMO-HA_8_1_2.NEMO-HA_8_1_8. NEMO-HA_8_1_16,	Virtual Flome link, Virtual Home link, MPS/MPA
									NEMO-HA, 9, 2, 18. NEMO-HA, 9, 2, 16. NEMO-HA, 9, 2, 17. NEMO-HA, 9, 2, 2, 18. NEMO-HA, 9, 2, 19. NEMO-HA, 9, 2, 22. NEMO-HA, 9, 2, 21. NEMO-HA, 9, 2, 22. NEMO-HA, 9, 2, 20. NEMO-HA, 9, 2, 24. NEMO-HA, 9, 2, 25. NEMO-HA, 9, 2, 26. NEMO-HA, 9, 2, 27. NEMO-HA, 9, 2, 28. NEMO-HA, 9, 2, 27. NEMO-HA, 9, 2, 28.	Virtual Home link, Network mobility(same HA)
									NEMO-HA_1_1_5.NEMO-HA_1_1_6. NEMO-HA_1_1.7. NEMO-HA_2_1_1.NEMO-HA_2_1.2. NEMO-HA_2_1.3.NEMO-HA_2_1.4. NEMO-HA_2_1_6.NEMO-HA_2_1_9. NEMO-HA_2_1_6.NEMO-HA_2_1_15.	Real Home link
									NEMO-HA, 2, 2, 1, NEMO-HA, 2, 2, 2, NEMO-HA, 2, 2, 3, NEMO-HA, 2, 2, 3, NEMO-HA, 2, 2, 2, 1, NEMO-HA, 2, 2, 3, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 4, 1, NEMO-HA, 2, 4, 1, NEMO-HA, 2, 4, 1, NEMO-HA, 2, 4, 5, NEMO-HA, 2, 4, 5, NEMO-HA, 2, 4, 5, NEMO-HA, 2, 4, 5, NEMO-HA, 2, 4, 6, NEMO-HA,	
									NEMO HA, 2, 5, 1, NEMO HA, 2, 5, 2, NEMO HA, 2, 5, 1, NEMO HA, 2, 5, 1, NEMO HA, 2, 6, 2, NEMO HA, 2, 6, 1, NEMO HA, 2, 6, 2, NEMO HA, 2, 6, 3, NEMO HA, 2, 6, 4, NEMO HA, 2, 7, 3, NEMO HA, 2, 7, 2, NEMO HA, 2, 7, 1, NEMO HA, 2, 7, 2, NEMO HA, 2, 7, 3, NEMO HA, 2, 7, 4, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 4, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 4, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 4, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 5, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 5, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 5, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 6, NEMO HA, 2, 8, 5, NEMO HA, 2, 8, 6, NEMO HA, 2,	



	RFC	RFC			RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
							. ,		NEMO HA, 2, 9, 1, NEMO HA, 2, 9, 2, NEMO HA, 2, 9, 4, NEMO HA, 2, 9, 3, NEMO HA, 2, 9, 4, NEMO HA, 2, 9, 4, NEMO HA, 2, 9, 4, NEMO HA, 2, 10, 2, NEMO HA, 2, 10, 3, NEMO HA, 2, 10, 3, NEMO HA, 2, 10, 3, NEMO HA, 2, 11, 2, NEMO HA, 2, 11, 3, NEMO HA, 2, 11, 2, NEMO HA, 2, 11, 1, NEMO HA, 2, 11, 2, NEMO HA, 2, 11, 3, NEMO HA, 2, 11, 7, NEMO HA, 2, 11, 7, NEMO HA, 2, 11, 7, NEMO HA, 2, 12, 3, NEMO HA, 2, 12, 1, NEMO HA, 2, 12, 3, NEMO HA, 2, 12, 1, NEMO HA, 2, 12, 3, NEMO HA, 2, 12, 1, NEMO HA, 2, 12, 3, NEMO HA, 2, 12, 1, NEMO HA, 2, 12, 3, NEMO HA, 2, 12, 1, NEMO HA, 2, 12, 3, NEMO HA, 2, 12, 1, NEMO HA, 2, 12, 3, NEMO HA, 2, 12, 1, NEMO HA, 2, 12, 3, NEMO HA, 2, 12, 1, NEMO HA, 2, 12, 3, NEMO HA, 2, 12, 1, NEMO HA, 2, 12, 3, NEMO HA, 2, 12, 1, NEMO HA, 2, 12, 3, NEMO HA, 2, 12, 1, NEMO HA, 2, 12, 3, NEMO HA, 2, 12, 1, NEMO HA, 2, 12, 3, NEMO HA, 2, 12, 1, NEMO HA, 2, 12, 3, NEMO HA, 2, 12, 1, NEMO HA, 2, 12, 3, NEMO HA, 2, 12, 1, NEMO HA, 2, 12, 3, N	, and the second
									NEMO HA. 3.1.1.NEMO HA. 3.1.2. NEMO HA. 3.1.3.NEMO HA. 3.1.4. NEMO HA. 3.1.5.NEMO HA. 3.1.6. NEMO HA. 3.1.7.NEMO HA. 3.1.8. NEMO HA. 3.1.9.NEMO HA. 3.1.10. NEMO HA. 3.2.1.NEMO HA. 3.2.2. NEMO HA. 3.2.3.NEMO HA. 3.2.4. NEMO HA. 3.2.3.NEMO HA. 3.2.6. NEMO HA. 3.2.7.NEMO HA. 3.2.8. NEMO HA. 3.2.7.NEMO HA. 3.2.8. NEMO HA. 3.2.7.NEMO HA. 3.2.8. NEMO HA. 3.2.9.NEMO HA. 3.2.10.	
									NEMO-HA, 3, 3, 1, NEMO-HA, 3, 3, 2, NEMO-HA, 3, 3, 3, NEMO-HA, 3, 3, 3, NEMO-HA, 3, 3, 4, NEMO-HA, 3, 3, 3, 6, NEMO-HA, 3, 3, 7, NEMO-HA, 3, 3, 3, 8, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 4, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 4, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 1, 1, NEMO-HA, 3,	
									NEMO HA. 4.1.1.NEMO HA. 4.1.2. NEMO HA. 4.2.1.NEMO HA. 4.2.2. NEMO HA. 4.2.3.NEMO HA. 4.2.4. NEMO HA. 4.2.5.NEMO HA. 4.2.6. NEMO HA. 4.2.5.NEMO HA. 4.2.8. NEMO HA. 4.2.5.NEMO HA. 4.2.10. NEMO HA. 4.2.1.NEMO HA. 4.2.11. NEMO HA. 4.2.13.NEMO HA. 4.2.11. NEMO HA. 4.2.13.NEMO HA. 4.2.16.	
									NEMO HA, 4,3,1,1NEMO HA, 4,3,2, NEMO HA, 4,3,3,4, NEMO HA, 4,3,3,NEMO HA, 4,3,4, NEMO HA, 4,3,4, NEMO HA, 4,3,7, NEMO HA, 4,3,3,8, NEMO HA, 4,3,9, NEMO HA, 4,3,10, NEMO HA, 4,3,11, NEMO HA, 4,3,12, NEMO HA, 4,3,13,NEMO HA, 4,3,14, NEMO HA, 4,3,15,NEMO HA, 4,3,16, NEMO HA, 4,3,1	
									NEMO-HA, 4, 4, 1.NEMO-HA, 4, 4, 2, NEMO-HA, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	



NI-	RFC	RFC	Ta	Eti1CiCti	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMOHA 5, 1, 1, NEMO HA 5, 1, 2 NEMOHA 6, 2, 1, NEMO HA 5, 2, 2 NEMOHA 6, 2, 2, NEMO HA 5, 2, 2 NEMOHA 6, 2, 2, NEMO HA 5, 2, 2 NEMOHA 6, 3, 2, NEMO HA 5, 3, 4 NEMOHA 5, 3, 1, NEMO HA 5, 3, 6 NEMOHA 5, 3, 8, NEMO HA 5, 3, 6 NEMOHA 5, 3, 8, NEMO HA 5, 4, 2 NEMOHA 5, 4, 1, NEMO HA 5, 4, 2 NEMOHA 5, 4, 9, NEMO HA 5, 4, 8 NEMOHA 5, 4, 1, NEMO HA 5, 4, 8 NEMOHA 5, 4, 1, NEMO HA 5, 4, 8	
									NEMO-HA, 8, 1, 1, NEMO-HA, 8, 1, 2, NEMO-HA, 8, 2, 1, NEMO-HA, 8, 2, 2, NEMO-HA, 8, 2, 3, NEMO-HA, 8, 2, 4, NEMO-HA, 8, 4, 1, NEMO-HA, 8, 4, 1, NEMO-HA, 8, 4, 1, NEMO-HA, 8, 4, 1, NEMO-HA, 8, 4, 3, NEMO-HA, 8, 5, 3, NEMO-HA, 8, 5, 2, NEMO-HA, 8, 5, 3, NEMO-HA, 8, 5, 4, NEMO-HA, 8, 8, 8, NEMO-HA, 8, NEMO-HA, 8, NEMO-HA, 8, 8, NEMO-H	
									NEMO-HA, 6, 8, 1, NEMO-HA, 6, 6, 2, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, 8, NEMO-HA, 6, 6, 10, NEMO-HA, 6, 6, 10, NEMO-HA, 6, 6, 110, NEMO-HA, 6, 6, 110, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 7, 1, NEMO-HA, 6, 7, 1, NEMO-HA, 6, 7, 2, NEMO-	
									NEMO HA, 9,1,1, NEMO HA, 9,1,2, NEMO HA, 9,1,3, NEMO HA, 9,1,4, NEMO HA, 9,1,5, NEMO HA, 9,1,6, NEMO HA, 9,1,9, NEMO HA, 9,1,10, NEMO HA, 9,1,1, NEMO HA, 9,1,12, NEMO HA, 9,1,1, NEMO HA, 9,1,14, NEMO HA, 9,1,15, NEMO HA, 9,1,16,	
									NEMO-HA_8_1_1.NEMO-HA_8_1_7, NEMO-HA_8_1_15.	Real Home link, IKE Real Home link, MPS/MPA
									NEMO-HA, 9, 2, 1, NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 2, 8, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 2, 8, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2,	Real Home link, Network mobility(same HA)
2				Furthermore, it MUST authenticate the Binding Update as described in Section 5.1.	MUST	A	A1	Х	NEMO-HA_2_2_6	Virtual Home link
							A2	X	NEMO-HA_2_2_3,	Real Home link



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
INU.	Section	Section title		•	Status	l	Priority	Supported	Test No.	TEST Priority
			To begin processing the Binding Update, the home agent MUST perform the following sequence of tests:	o If the node implements only correspondent node functionality, or has not been configured to act as a home agent, then the node MUST reject the Binding Update. The node MUST also return a Binding Acknowledgement to the mobile node, in which the Status field is set to 131 (home registration not supported).	MUST	A	A1			This function is implementaion-dependent. It does not effect on interoperability. *Disabled Home Agent
					MUST	A	A1			This function is implementaion-dependent. It does not effect on interoperability.
3				o Else, if the home address for the binding (the Home Address field in the packet's Home Address option) is not an on-link IPv6 address with respect to the home agent's current Prefix List, then the home agent MUST reject the Binding Update and SHOULD return a Binding	MUST	A	A2	X (*1)	NEMO-HA, 2.2,1.NEMO-HA, 2.2,2	Real Home link
4				Acknowledgement to the mobile node, in which the Status field is set to 132 (not home subnet).	SHOULD	A	A2	X (*1)	NEMO-HA_2_2_1.NEMO-HA_2_2_2	Real Home link
5				o Else, if the home agent chooses to reject the Binding Update for any other reason (e.g., insufficient resources to serve another mobile node as a home agent), then the home agent SHOULD return a Binding Acknowledgement to the mobile node, in which the Status field is set to an appropriate value to indicate the reason for the rejection.	SHOULD	A	A1			This function is implementaion-dependent. It does not effect on interoperability.
6				o A Home Address destination option MUST be present in the message. It MUST be validated as described in Section 9.3.1 with the following additional rule. The Binding Cache entry existence test MUST NOT be done for IPsec packets when the Home Address option contains an address for which the receiving node could act as a home agent. (Section 9.3.1) Packets containing a Home Address option MUST be dropped if the given home address is not a unicast routable address.	MUST	A	A1	x	NEMO HA, 2,1,5, NEMO HA, 2,1,7, NEMO HA, 2,1,8, NEMO HA, 2,2,5, NEMO HA, 2,2,5, NEMO HA, 2,2,5, NEMO HA, 2,2,6, NEMO HA, 2,2,6, NEMO HA, 2,2,6, NEMO HA, 2,2,1,2, NEMO HA, 2,3,4, NEMO HA, 2,3,4, NEMO HA, 2,3,4, NEMO HA, 2,5,4, NEMO HA, 2,5,4, NEMO HA, 2,6,1, NEMO HA, 2,6	Virtual Home link



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
١٥.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO-HA_2_7_3,NEMO-HA_2_7_4, NEMO-HA_2_7_7,NEMO-HA_2_7_8,	
									NEMO-HA_2_8_7,NEMO-HA_2_8_8,	
									NEMO-HA_2_8_9,NEMO-HA_2_8_10,	
									NEMO-HA_2_8_11,NEMO-HA_2_8_12, NEMO-HA_2_9_11,NEMO-HA_2_9_12,	
									NEMO-HA_2_9_13,NEMO-HA_2_9_14, NEMO-HA_2_9_15,	
									NEMO-HA_2_10_7,NEMO-HA_2_10_8,	
									NEMO-HA_2_10_9,NEMO-HA_2_10_10,	
									NEMO-HA_2_10_11,NEMO-HA_2_10_12, NEMO-HA_2_11_11,NEMO-HA_2_11_12,	
									NEMO-HA_2_11_13,NEMO-HA_2_11_14,	
									NEMO-HA_2_11_15, NEMO-HA_2_12_4,NEMO-HA_2_12_6,	
J										
									NEMO-HA_3_1_11,NEMO-HA_3_1_12, NEMO-HA_3_2_11,NEMO-HA_3_2_12,	
									NEMO-HA_3_4_16,NEMO-HA_3_4_17,	
									NEMO-HA_3_4_18,NEMO-HA_3_4_19,	
									NEMO-HA_3_4_20.	
J										
									NEMO-HA_5_1_5,NEMO-HA_5_1_6,	
									NEMO-HA_5_1_7, NEMO-HA_5_2_5,NEMO-HA_5_2_6,	
									NEMO-HA_5_2_7,NEMO-HA_5_2_8,	
									NEMO-HA 5 3 9.NEMO-HA 5 3 10.	
									NEMO-HA_5_3_12,	
									NEMO-HA_5_4_3,NEMO-HA_5_4_4,	
									NEMO-HA_5_4_12,NEMO-HA_5_4_13,	
									NEMO-HA_5_4_14,NEMO-HA_5_4_15, NEMO-HA_5_4_16,NEMO-HA_5_4_17,	
									NEMO-HA_5_4_18,	
									NEMO-HA_5_5_4,NEMO-HA_5_5_6,	
									NEMO-HA_6_1_3,NEMO-HA_6_1_4,	
									NEMO-HA_6_1_3,NEMO-HA_6_1_4, NEMO-HA_6_4_5,NEMO-HA_6_4_6,	
									NEMO-HA_6_4_7,NEMO-HA_6_4_8,	
									NEMO-HA_6_5_5,NEMO-HA_6_5_6, NEMO-HA_6_5_7,NEMO-HA_6_5_8,	
									NEMO-HA_6_6_3,NEMO-HA_6_6_4,	
									NEMO-HA_6_6_12,NEMO-HA_6_6_13, NEMO-HA_6_6_14,NEMO-HA_6_6_15,	
									NEMO-HA_6_6_16,NEMO-HA_6_6_17,	
									NEMO-HA_6_6_18,	
									NEMO-HA_6_7_2,NEMO-HA_6_7_4, NEMO-HA_6_7_7,NEMO-HA_6_7_8,	
									NEMO-HA_9_1_17,NEMO-HA_9_1_18,	
J									NEMO-HA_9_1_19,NEMO-HA_9_1_20,	
									NEMO-HA_9_1_21,NEMO-HA_9_1_22, NEMO-HA_9_1_23,NEMO-HA_9_1_24,	
									NEMO-HA_9_1_25,NEMO-HA_9_1_26,	
									NEMO-HA_9_1_27,NEMO-HA_9_1_28, NEMO-HA_9_1_29,NEMO-HA_9_1_30,	
									NEMO-HA_9_1_29,NEMO-HA_9_1_30, NEMO-HA_9_1_31,NEMO-HA_9_1_32,	
						1				1



No	RFC	RFC	Itam	Eurotional Cresification	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
							A2	X		Virtual Home link, IKE
									NEMO-HA, 8, 1, 2, NEMO-HA, 8, 1, 8, NEMO-HA, 8, 1, 16, NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2,	Virtual Home link, MPS/MPA Virtual Home link, Network mobility(same HA)
									NEMO HA. 1.1, 5.NEMO HA. 1.1.6. NEMO HA. 1.1.7. NEMO HA. 2.1, 1.NEMO HA. 2.1.2. NEMO HA. 2.1, 3.NEMO HA. 2.1.4. NEMO HA. 2.1.6.NEMO HA. 2.1.9. NEMO HA. 2.1.4.NEMO HA. 2.1.15.	Real Home link
									NEMO-HA, 2, 2, 1.NEMO-HA, 2, 2, 2. NEMO-HA, 2, 2, 3.NEMO-HA, 2, 2, 7. NEMO-HA, 2, 2, 9.NEMO-HA, 2, 2, 10. NEMO-HA, 2, 3, 1.NEMO-HA, 2, 3, 2. NEMO-HA, 2, 3, 3.NEMO-HA, 2, 3, 4. NEMO-HA, 2, 4, 3.NEMO-HA, 2, 4, 4. NEMO-HA, 2, 4, 3.NEMO-HA, 2, 4, 4. NEMO-HA, 2, 4, 3.NEMO-HA, 2, 4, 6.	
									NEMOHA, 2, 5, 1.NEMOHA, 2, 5, 2. NEMOHA, 2, 5, NEMOHA, 2, 5, 6. NEMOHA, 2, 6, 1.NEMOHA, 2, 6, 2. NEMOHA, 2, 6, 3.NEMOHA, 2, 6, 4. NEMOHA, 2, 6, 5.NEMOHA, 2, 7, 6. NEMOHA, 2, 7, 1.NEMOHA, 2, 7, 6. NEMOHA, 2, 7, 1.NEMOHA, 2, 7, 6. NEMOHA, 2, 7, 5.NEMOHA, 2, 7, 6. NEMOHA, 2, 5, 3.NEMOHA, 2, 8, 6. NEMOHA, 2, 8, 5.NEMOHA, 2, 8, 6.	
									NEMO HA. 2.9.1. NEMO HA. 2.9.2. NEMO HA. 2.9.3. NEMO HA. 2.9.4. NEMO HA. 2.9.3. NEMO HA. 2.10.3. NEMO HA. 2.10.2. NEMO HA. 2.10.3. NEMO HA. 2.10.4. NEMO HA. 2.10.3. NEMO HA. 2.10.6. NEMO HA. 2.11.3. NEMO HA. 2.11.4. NEMO HA. 2.11.3. NEMO HA. 2.11.4. NEMO HA. 2.11.7. NEMO HA. 2.11.8. NEMO HA. 2.11.3. NEMO HA. 2.11.3.	



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
INO.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO-HA 3, 1, 1 NEMO-HA 3, 1, 2 NEMO-HA 3, 1, 5 NEMO-HA 3, 1, 4 NEMO-HA 3, 1, 5 NEMO-HA 3, 1, 6 NEMO-HA 3, 1, 7 NEMO-HA 3, 1, 8 NEMO-HA 3, 2, 1, NEMO-HA 3, 1, 10 NEMO-HA 3, 2, 3, NEMO-HA 3, 2, 2, NEMO-HA 3, 2, 3, NEMO-HA 3, 2, 2, NEMO-HA 3, 2, 3, NEMO-HA 3, 2, 6 NEMO-HA 3, 2, 7 NEMO-HA 3, 2, 6 NEMO-HA 3, 2, 7 NEMO-HA 3, 2, 8 NEMO-HA 3, 2, 7 NEMO-HA 3, 2, 10	
									NEMO-HA, 3, 3, 1.NEMO HA, 3, 3, 2, NEMO-HA, 3, 3, 3, NEMO-HA, 3, 3, 3, NEMO-HA, 3, 3, 4, NEMO-HA, 3, 3, 3, NEMO-HA, 3, 3, 3, 8, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 1, 2, A, 3, A, 4, A,	
									NEMO-HA, 4, 1, 1, 1NEMO-HA, 4, 1, 2, NEMO-HA, 4, 1, 3, NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 3, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 6, NEMO-HA, 4, 2, 7, NEMO-HA, 4, 2, 10, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, NEMO	
									NEMO HA, 4, 3, 1, NEMO HA, 4, 3, 2, NEMO HA, 4, 3, 3, NEMO HA, 4, 3, 4, NEMO HA, 4, 3, NEMO HA, 4, 3, 6, NEMO HA, 4, 3, 7, NEMO HA, 4, 3, 6, NEMO HA, 4, 3, 1, NEMO HA, 4, 3, 12, NEMO HA, 4, 3, 1, NEMO HA, 4, 3, 12, NEMO HA, 4, 3, 1, NEMO HA, 4, 3, 14, NEMO HA, 4, 3, 15, NEMO HA, 4, 3, 16, NEMO HA, 4, 3, 15, NEMO HA, 4, 3, 16,	
									NEMO-HA, 4, 4, 1, NEMO-HA, 4, 4, 2, NEMO-HA, 4, 4, 3, NEMO-HA, 4, 4, 4, NEMO-HA, 4, 4, 6, NEMO-HA, 4, 4, 7, NEMO-HA, 4, 4, 18, NEMO-HA, 4, 4, 9, NEMO-HA, 4, 4, 13, NEMO-HA, 4, 4, 14, 15, NEMO-HA, 4, 4, 14, NEMO-HA, 4, 4, 15, NEMO-HA, 4, 4, 14, NEMO-HA, 4, 4, 16, NEMO-HA, 4, 4, 16, NEMO-HA, 4, 4, 16, NEMO-HA, 4, 4, 17, NEMO-HA, 4, 4, 18, NEMO-HA, 4, 4, 4, 4, 18, NEMO-HA, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona			Test PROFILE	Reason of
140.	Section	Section title	rtelli	Punctional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMOHA 5, 1, 1 NEMOHA 5, 1, 2 NEMOHA 5, 2, 1 NEMOHA 5, 2, 4 NEMOHA 5, 2, 1 NEMOHA 5, 2, 2 NEMOHA 5, 2, 1 NEMOHA 5, 2, 4 NEMOHA 5, 3, 1 NEMOHA 5, 3, 4 NEMOHA 5, 3, 1 NEMOHA 5, 3, 6 NEMOHA 5, 3, 4, 1 NEMOHA 5, 3, 6 NEMOHA 5, 3, 4, 1 NEMOHA 5, 4, 2 NEMOHA 5, 4, 1 NEMOHA 5, 4, 2 NEMOHA 5, 4, 9 NEMOHA 5, 4, 8 NEMOHA 5, 4, 9 NEMOHA 5, 4, 10 NEMOHA 5, 4, 10 NEMOHA 5, 4, 10 NEMOHA 5, 4, 10 NEMOHA 5, 4, 10 NEMOHA 5, 5, 1, 1 NEMOHA 5, 4, 10 NEMOHA 5, 5, 1, 1 NEMOHA 5, 5, 10 NEMOHA 5, 5, 1, 1 NEMOHA 5, 5, 3	
									NEMO-HA, 6, 1, 1, NEMO-HA, 6, 1, 2, NEMO-HA, 6, 2, 1, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 3, NEMO-HA, 6, 2, 4, NEMO-HA, 6, 1, 1, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 1, 1, NEMO-HA, 6, 5, 2, NEMO-HA, 6, 1, 1, NEMO-HA, 6, 5, 2, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 2, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 2,	
									NEMO HA, 6, 8, 1, NEMO HA, 6, 6, 2, NEMO HA, 6, 8, 5, NEMO HA, 6, 6, 6, NEMO HA, 6, 9, 7, NEMO HA, 6, 6, 10, NEMO HA, 6, 9, 9, NEMO HA, 6, 6, 10, NEMO HA, 6, 9, 11, NEMO HA, 6, 7, 1, NEMO HA, 8, 7, 3, NEMO HA, 6, 7, 5, NEMO HA, 8, 7, 6,	
									NEMO-HA, 9, 1, 1, NEMO-HA, 9, 1, 2, NEMO-HA, 9, 1, 3, NEMO-HA, 9, 1, 4, NEMO-HA, 9, 1, 5, NEMO-HA, 9, 1, 1, 8, NEMO-HA, 9, 1, 7, NEMO-HA, 9, 1, 1, 8, NEMO-HA, 9, 1, 7, NEMO-HA, 9, 1, 1, 1, NEMO-HA, 9, 1, 1, 1, 1, NEMO-HA, 9, 1, 1, 4, NEMO-HA, 9, 1, 1, 1, 1, NEMO-HA, 9, 1, 1, 1, 1, NEMO-HA, 9, NEM	
									NEMO HA. 8. L. 1. NEMO HA. 8. L. 7. NEMO HA. 8. L. 18. NEMO HA. 9. 2. 1. NEMO HA. 9. 2. 2. NEMO HA. 9. 2. 3. NEMO HA. 9. 2. 4. NEMO HA. 9. 2. 9. NEMO HA. 9. 2. 4. NEMO HA. 9. 2. 9. NEMO HA. 9. 2. 10. NEMO HA. 9. 2. 9. NEMO HA. 9. 2. 12. NEMO HA. 9. 2. 11. NEMO HA. 9. 2. 12. NEMO HA. 9. 2. 13. NEMO HA. 9. 2. 14.	Real Home link, IKE Real Home link, MPS/MPA Real Home link, Network mobility(same HA)



Nic	RFC	RFC	Itom	Functional Specification	RFC	Functiona			Test PROFILE	Reason of
No.	Section	Section title	Item	ғинсионаі specification	Status	l	Priority	Supported	Test No.	TEST Priority
7					MUST	A	Al	X	NEMO HA. 2. 1. SNEMO HA. 2. 1.7. NEMO HA. 2. 1.8. NEMO HA. 2. 2. 4. NEMO HA. 2. 2. 5. NEMO HA. 2. 2. 4. SNEMO HA. 2. 2. 8. NEMO HA. 2. 2. 6. SNEMO HA. 2. 2. 12. NEMO HA. 2. 2. 11. NEMO HA. 2. 2. 12. NEMO HA. 2. 2. 17. NEMO HA. 2. 5. 4. NEMO HA. 2. 5. 7. NEMO HA. 2. 5. 4. NEMO HA. 2. 5. 7. NEMO HA. 2. 5. 8. NEMO HA. 2. 6. 7. NEMO HA. 2. 6. 8. NEMO HA. 2. 6. 7. NEMO HA. 2. 6. 10. NEMO HA. 2. 6. 7. NEMO HA. 2. 6. 10. NEMO HA. 2. 6. 11. NEMO HA. 2. 6. 12.	Virtual Home link
									NEMO HA. 2. 7. 3.NEMO HA. 2. 7. 4. NEMO HA. 2. 7. 7.NEMO HA. 2. 7. 8. NEMO HA. 2. 8. 7.NEMO HA. 2. 8. 8. NEMO HA. 2. 8. 9.NEMO HA. 2. 8. 8. NEMO HA. 2. 8. 9.NEMO HA. 2. 8. 10. NEMO HA. 2. 9. 11.NEMO HA. 2. 9. 12. NEMO HA. 2. 9.11.NEMO HA. 2. 9. 12. NEMO HA. 2. 9.13.NEMO HA. 2. 9.14. NEMO HA. 2. 9.10.NEMO HA. 2. 10. 15. NEMO HA. 2. 10. 9.NEMO HA. 2. 10. 10. NEMO HA. 2. 10. 11.NEMO HA. 2. 10. 11. NEMO HA. 2. 11. 11.NEMO HA. 2. 11. 12. NEMO HA. 2. 11. 13.NEMO HA. 2. 11. 14. NEMO HA. 2. 11. 13.NEMO HA. 2. 12. 6.	
									NEMO-HA.3.1.11.NEMO-HA.3.1.12. NEMO-HA.3.2.11.NEMO-HA.3.2.12. NEMO-HA.3.4.16.NEMO-HA.3.4.17. NEMO-HA.3.4.8.NEMO-HA.3.4.19. NEMO-HA.3.4.20.	
									NEMOHA, 5,1,5,NEMOHA, 5,1,6, NEMOHA, 5,1,7, NEMOHA, 2,2,5,NEMOHA, 5,2,6, NEMOHA, 2,2,7,NEMOHA, 5,2,8, NEMOHA, 2,3,9,NEMOHA, 5,2,10, NEMOHA, 5,3,12,10,	



No	RFC	RFC	Item	Functional Specification	RFC	Function			Test PROFILE	Reason of
No.	Section	Section title	item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO 14A, 5.4, 3.NEMO 14A, 5.4, 1 NEMO 14A, 5.4, 12.NEMO 14A, 5.4, 13, NEMO 14A, 3.4, 14.NEMO 14A, 5.4, 15, NEMO 14A, 3.4, 16.NEMO 14A, 5.4, 17, NEMO 14A, 3.4, 16.NEMO 14A, 5.4, 17, NEMO 14A, 3.4, 16.NEMO 14A, 5.5, 6,	
									NEMO HA, 6, 1, 3.NEMO HA, 6, 1, 4. NEMO HA, 6, 4, 5.NEMO HA, 6, 4, 6. NEMO HA, 6, 4, 7.NEMO HA, 6, 4, 8. NEMO HA, 6, 5, 5.NEMO HA, 6, 5, 6. NEMO HA, 6, 5, 5.NEMO HA, 6, 5, 6. NEMO HA, 6, 5, 7.NEMO HA, 6, 5, 8. NEMO HA, 6, 6, 10.NEMO HA, 6, 6, 13. NEMO HA, 6, 6, 10.NEMO HA, 6, 6, 13. NEMO HA, 6, 6, 10.NEMO HA, 6, 6, 17. NEMO HA, 6, 6, 18. NEMO HA, 6, 7, 7.NEMO HA, 6, 7, 4. NEMO HA, 6, 7, 7.NEMO HA, 8, 7, 4.	
									NEMO-HA, 9,1,17.NEMO-HA, 9,1,18. NEMO-HA, 9,1,10.NEMO-HA, 9,1,20. NEMO-HA, 9,1,21.NEMO-HA, 9,1,22. NEMO-HA, 9,1,22.NEMO-HA, 9,1,24. NEMO-HA, 9,1,23.NEMO-HA, 9,1,26. NEMO-HA, 9,1,23.NEMO-HA, 9,1,28. NEMO-HA, 9,1,23.NEMO-HA, 9,1,30. NEMO-HA, 9,1,31.NEMO-HA, 9,1,32.	
							A2	X		Virtual Home link, IKE
									NEMO-HA_8_1_2.NEMO-HA_8_1_8. NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO-HA 9, 2, 15 NEMO-HA 9, 2, 16, NEMO-HA 9, 2, 17 NEMO-HA 9, 2, 18, NEMO-HA 9, 2, 20, NEMO-HA 9, 2, 20, NEMO-HA 9, 2, 22, NEMO-HA 9, 2, 22, NEMO-HA 9, 2, 22, NEMO-HA 9, 2, 22, NEMO-HA 9, 2, 27, NEMO-HA 9, 2, 28, NEMO-HA 9, 2, 28, NEMO-HA 9, 2, 27, NEMO-HA 9, 2, 28, NEMO-HA 9, 2, 28, NEMO-HA 9, 2, 27, NEMO-HA 9, 2, 28, NEMO-HA 9, 20, NEMO-HA 9, 20, NEMO-HA 9, NEMO-HA	Virtual Home link, Network mobility(same HA)
									NEMO-HA, I. I. S.NEMO-HA, I. I. 6. NEMO-HA, I. I. 7. NEMO-HA, 2. I. I. NEMO-HA, 2. I. 2. NEMO-HA, 2. I. 3.NEMO-HA, 2. I. 4. NEMO-HA, 2. I. 6.NEMO-HA, 2. I. 9. NEMO-HA, 2. I. 14.NEMO-HA, 2. I. 15.	Real Home link
									NEMO-HA, 2, 2, INEMO-HA, 2, 2, 2, NEMO-HA, 2, 2, 3, NEMO-HA, 2, 2, 3, NEMO-HA, 2, 2, 7, NEMO-HA, 2, 2, 3, NEMO-HA, 2, 2, 1, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 3, 3, NEMO-HA, 2, 3, 3, NEMO-HA, 2, 3, 3, NEMO-HA, 2, 4, NEMO-HA, 2, 4, NEMO-HA, 2, 4, NEMO-HA, 2, 4, 5, NEMO-HA, 2, 4, 6, NEMO-HA, 2, 4, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8,	



No	RFC	RFC	Itom	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO HA, 2, 5, INEMO HA, 2, 5, 2 NEMO HA, 2, 5, DNEMO HA, 2, 2, 6 NEMO HA, 2, 6, DNEMO HA, 2, 6, 2 NEMO HA, 2, 6, DNEMO HA, 2, 6, 4 NEMO HA, 2, 6, DNEMO HA, 2, 6, 6 NEMO HA, 2, 5, DNEMO HA, 2, 7, 2 NEMO HA, 2, 7, DNEMO HA, 2, 7, 6 NEMO HA, 2, 7, DNEMO HA, 2, 7, 6 NEMO HA, 2, 3, DNEMO HA, 2, 8, 6 NEMO HA, 2, 3, DNEMO HA, 2, 8, 6 NEMO HA, 2, 8, DNEMO HA, 2, 8, 6	
									NEMOHA 2 9,1.NEMOHA 2 9,2. NEMOHA 2 9,3.NEMOHA 2 9,4. NEMOHA 2,10,1.NEMOHA 2,10,2. NEMOHA 2,10,1.NEMOHA 2,10,2. NEMOHA 2,10,3.NEMOHA 2,10,6. NEMOHA 2,11,3.NEMOHA 2,11,2. NEMOHA 2,11,3.NEMOHA 2,11,2. NEMOHA 2,11,3.NEMOHA 2,11,4. NEMOHA 2,11,3.NEMOHA 2,11,4. NEMOHA 2,11,3.NEMOHA 2,11,8. NEMOHA 2,11,3.NEMOHA 2,11,8. NEMOHA 2,11,3.NEMOHA 2,11,8. NEMOHA 2,11,3.NEMOHA 2,11,8.	
									NEMO HA, 3,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,	
									NEMOHA, 3,3,1,NEMOHA, 3,3,2, NEMOHA, 3,3,3,NEMOHA, 3,3,4, NEMOHA, 3,3,7,NEMOHA, 3,3,8, NEMOHA, 3,3,7,NEMOHA, 3,4,8, NEMOHA, 3,4,7,NEMOHA, 3,4,2, NEMOHA, 3,4,3,NEMOHA, 3,4,6, NEMOHA, 3,4,3,NEMOHA, 3,4,8, NEMOHA, 3,4,9,NEMOHA, 3,4,10, NEMOHA, 3,4,9,NEMOHA, 3,4,10, NEMOHA, 3,4,1,NEMOHA, 3,4,12, NEMOHA, 3,4,1,NEMOHA, 3,4,12, NEMOHA, 3,4,13,NEMOHA, 3,4,14, NEMOHA, 3,4,13,NEMOHA, 3,4,14, NEMOHA, 3,4,13,NEMOHA, 3,4,14, NEMOHA, 3,4,13,NEMOHA, 3,4,14,	
									NEMO HA, 4,1,1,1,NEMO HA, 4,1,2, NEMO HA, 4,2,1,3,1,5,4,4,2,2, NEMO HA, 4,2,3,1,5,5,4,4,2,4, NEMO HA, 4,2,3,1,5,5,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4	



NI-	RFC	RFC	Thomas	F	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO HA. 4.3. I.NEMO HA. 4.3. 2. NEMO HA. 4.3. SNEMO HA. 4.3. 4. NEMO HA. 4.3. SNEMO HA. 4.3. 6. NEMO HA. 4.3. 7 NEMO HA. 4.3. 6. NEMO HA. 4.3. 7 NEMO HA. 4.3. 10. NEMO HA. 4.3. 3 NEMO HA. 4.3. 10. NEMO HA. 4.3. 11.NEMO HA. 4.3. 14. NEMO HA. 4.3. 11.NEMO HA. 4.3. 14. NEMO HA. 4.3. 15.NEMO HA. 4.3. 16.	
									NEMO-HA, 4, 4, 1.NEMO-HA, 4, 4, 2, NEMO-HA, 4, 4, 3.NEMO-HA, 4, 4, 4, 6, NEMO-HA, 4, 4, 5, NEMO-HA, 4, 4, 4, 6, NEMO-HA, 4, 4, 7, NEMO-HA, 4, 4, 4, 13, NEMO-HA, 4, 4, 13, NEMO-HA, 4, 4, 11, NEMO-HA, 4, 4, 15, NEMO-HA, 4, 4, 15, NEMO-HA, 4, 4, 15, NEMO-HA, 4, 4, 16, NEMO-HA, 4, 4, 16, NEMO-HA, 4, 4, 16, NEMO-HA, 4, 4, 16, NEMO-HA, 4, 4, 17, NEMO-HA, 4, 4, 18, NEMO-HA, 4, 18, NEMO-HA, 4, NEMO	
									NEMO HA. 5.1.1.NEMO HA. 5.1.2. NEMO HA. 5.1.3.NEMO HA. 5.1.4. NEMO HA. 5.2.1.NEMO HA. 5.2.2. NEMO HA. 5.2.1.NEMO HA. 5.2.4. NEMO HA. 5.2.3.NEMO HA. 5.3.4. NEMO HA. 5.3.5.NEMO HA. 5.3.6. NEMO HA. 5.3.5.NEMO HA. 5.3.6. NEMO HA. 5.3.5.NEMO HA. 5.3.6. NEMO HA. 5.4.3.NEMO HA. 5.4.2. NEMO HA. 5.4.3.NEMO HA. 5.4.6. NEMO HA. 5.4.NEMO HA. 5.4.8. NEMO HA. 5.4.5.NEMO HA. 5.4.8. NEMO HA. 5.4.5.NEMO HA. 5.4.8. NEMO HA. 5.4.5.NEMO HA. 5.4.10. NEMO HA. 5.4.1.NEMO HA. 5.4.3.	
									NEMO-HA, 6, 1, 1, NEMO-HA, 6, 1, 2, 2, NEMO-HA, 6, 2, 1, NEMO-HA, 6, 2, 2, 4, NEMO-HA, 6, 4, 2, 4, NEMO-HA, 6, 4, 2, NEMO-HA, 6, 4, 2, NEMO-HA, 6, 5, 2, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 4, 4, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 4, NEMO-HA, 6, 5, 4, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 4, NEMO-HA, 6, 5, NEMO-HA, 6, 5, 4, NEMO-HA, 6, 5, 8, NEMO-HA, 6, 5, 8, NEMO-HA, 6, 5, 8, NEMO-HA, 6, NEMO-H	
									NEMO-HA, B, B, LNEMO-HA, B, B, 2. NEMO-HA, B, B, SNEMO-HA, B, B, B, NEMO-HA, B, B, SNEMO-HA, B, B, B, NEMO-HA, B, B, SNEMO-HA, B, B, 10. NEMO-HA, B, B, LNEMO-HA, B, L1. NEMO-HA, B, T, SNEMO-HA, B, T, S, NEMO-HA, B, T, SNEMO-HA, B, T, B,	
									NEMO-HA, 9, 1, 1, NEMO-HA, 9, 1, 2, NEMO-HA, 9, 1, 3, NEMO-HA, 9, 1, 4, NEMO-HA, 9, 1, 5, NEMO-HA, 9, 1, 6, NEMO-HA, 9, 1, 1, 8, NEMO-HA, 9, 1, 1, 8, NEMO-HA, 9, 1, 1, 1, NEMO-HA, 9, NEMO-HA,	
									NEMO-HA_8_1_1.NEMO-HA_8_1_7. NEMO-HA_8_1_15.	Real Home link, IKE Real Home link, MPS/MPA



N	RFC	RFC	τ.	F 10	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO-HA 9, 2, 1, NEMO-HA 9, 2, 2, NEMO-HA 9, 2, 5, NEMO-HA 9, 2, 4, NEMO-HA 9, 2, 5, NEMO-HA 9, 2, 8, NEMO-HA 9, 2, 7, NEMO-HA 9, 2, 8, NEMO-HA 9, 2, 9, NEMO-HA 9, 2, 10, NEMO-HA 9, 2, 11, NEMO-HA 9, 2, 12, NEMO-HA 9, 2, 13, NEMO-HA 9, 2, 14,	Real Home link, Network mobility(same HA)
8	-				MUST NOT	A	A1	Х	NEMO-HA_2_2_11.NEMO-HA_2_2_12, NEMO-HA_2_2_14,	Virtual Home link
							A2	Х	NEMO-HA_2_2_1.NEMO-HA_2_2_2, NEMO-HA_2_2_9.NEMO-HA_2_2_10, NEMO-HA_2_2_13,	Real Home link
9				If home agent accepts the Binding Update, it MUST then create a new entry in its Binding Cache for this mobile node or update its existing Binding Cache entry, if such an entry already exists. The Home Address field as received in the Home Address option provides the home address of the mobile node.	MUST	A	A1	X	NEMO HA, 2, 1, 3. NEMO HA, 2, 1, 7. NEMO HA, 2, 1, 11. NEMO HA, 2, 2, 11. NEMO HA, 2, 3, 3. NEMO HA, 2, 5, 4. NEMO HA, 2, 5, 3. NEMO HA, 2, 5, 8. NEMO HA, 2, 6, 7. NEMO HA, 2, 6, 8. NEMO HA, 2, 6, 9. NEMO HA, 2, 6, 10. NEMO HA, 2, 6, 11. NEMO HA, 2, 6, 11. NEMO HA, 2, 7. NEMO HA, 2, 7, 4. NEMO HA, 2, 7. NEMO HA, 2, 7, 8. NEMO HA, 2, 7. NEMO HA, 2, 8. NEMO HA, 2, 9. NEMO HA, 2, 10. NEMO HA, 2, 10. NEMO HA, 2, 10. NEMO HA, 2, 10. NEMO HA, 2, 11.	Virtual Home link
									NEMO-HA.3.1.11.NEMO-HA.3.1.12. NEMO-HA.3.4.18.NEMO-HA.3.4.17. NEMO-HA.3.4.18.NEMO-HA.3.4.19. NEMO-HA.3.4.20.	



Io R	FC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
No. Sec	ction	Section title	Item	Functional Specification	Status	1	Priority	Supported	Test No.	TEST Priority
							Ū		NEMO-HA, S. 1, S. NEMO-HA, S. 1, 6, NEMO-HA, S. 1, 7, NEMO-HA, S. 2, S. NEMO-HA, S. 2, 6, NEMO-HA, S. 2, 7. NEMO-HA, S. 2, 8, NEMO-HA, S. 3, 9. NEMO-HA, S. 3, 10, NEMO-HA, S. 3, 12,	
									NEMO-HA, 5.4, 3.NEMO-HA, 5.4, 4, NEMO-HA, 5.4, 12.NEMO-HA, 5.4, 13, NEMO-HA, 5.4, 14.NEMO-HA, 5.4, 15, NEMO-HA, 5.4, 16.NEMO-HA, 5.4, 17, NEMO-HA, 5.4, 18, NEMO-HA, 5.5, 4.NEMO-HA, 5.5, 6,	
									NEMO-HA, 6, 1, 3. NEMO-HA, 6, 1, 4. NEMO-HA, 6, 4, 5. NEMO-HA, 6, 4, 6. NEMO-HA, 6, 5. S. NEMO-HA, 6, 4, 8. NEMO-HA, 6, 5. S. NEMO-HA, 6, 5, 6. NEMO-HA, 6, 5, 7. NEMO-HA, 6, 5, 8.	
									NEMO HA. 8, 6, 3.NEMO HA. 9, 8, 4. NEMO HA. 8, 6, 12.NEMO HA. 8, 6, 13. NEMO HA. 8, 6, 14.NEMO HA. 8, 6, 15. NEMO HA. 8, 6, 16.NEMO HA. 8, 9, 15. NEMO HA. 8, 6, 16.NEMO HA. 8, 9, 17. NEMO HA. 8, 8, 18. NEMO HA. 8, 7, 2. NEMO HA. 8, 7, 4. NEMO HA. 8, 7, 12.NEMO HA. 8, 7, 8. NEMO HA. 8, 1, 2. NEMO HA. 8, 1, 8. NEMO HA. 8, 1, 2. NEMO HA. 8, 1, 8. NEMO HA. 8, 1, 2. NEMO HA. 8, 1, 8. NEMO HA. 8, 1, 2. NEMO HA. 8, 1, 8.	
									NEMO-HA, 9, 1, 17, NEMO-HA, 9, 1, 18, NEMO-HA, 9, 1, 19, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 21, NEMO-HA, 9, 1, 22, NEMO-HA, 9, 1, 23, NEMO-HA, 9, 1, 28, NEMO-HA, 9, 1, 27, NEMO-HA, 9, 1, 28, NEMO-HA, 9, 1, 27, NEMO-HA, 9, 1, 28, NEMO-HA, 9, 1, 27, NEMO-HA, 9, 1, 30, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 30, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 32,	
						_				
							A2	Х	NEMO-HA_8_1_2.NEMO-HA_8_1_8. NEMO-HA_8_1_16.	Virtual Home link, IKE Virtual Home link, MPS/MPA
									NEMO-HA, 9, 2, 1.5 NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17-NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 19, NEMO-HA, 9, 2, 22, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 22, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 25, NEMO-HA, 9, 2, 26, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2,	Virtual Home link, Network mobility(same HA
									NEMO HA. J. J. S. NEMO HA. J. J. 6. NEMO HA. J. J. T. NEMO HA. Z. J. 2. NEMO HA. Z. J. J. NEMO HA. Z. J. 4. NEMO HA. Z. J. S. NEMO HA. Z. J. 4. NEMO HA. Z. J. S. NEMO HA. Z. J. J. 5. NEMO HA. Z. J. S. NEMO HA. Z. Z. 10. NEMO HA. Z. Z. S. NEMO HA. Z. Z. 10.	Real Home link



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
140.	Section	Section title	Item	runctional opecinication	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO-HA. 2.3. 1.NEMO-HA. 2.3. 2. NEMO-HA. 2.3. 3.NEMO-HA. 2.3. 4. NEMO-HA. 2.5. 1.NEMO-HA. 2.5. 2. NEMO-HA. 2.5. 5.NEMO-HA. 2.5. 6. NEMO-HA. 2.6. 1.NEMO-HA. 2.6. 2.	
									NEMO-HA_2_6_3.NEMO-HA_2_6_4, NEMO-HA_2_6_5.NEMO-HA_2_6_6,	
									NEMO-HA, 2, 7, 1.NEMO-HA, 2, 7, 2. NEMO-HA, 2, 7, 5.NEMO-HA, 2, 7, 8. NEMO-HA, 2, 8, 1.NEMO-HA, 2, 8, 2. NEMO-HA, 2, 8, 3.NEMO-HA, 2, 8, 4. NEMO-HA, 2, 8, 3.NEMO-HA, 2, 8, 6.	
									NEMOHA 2, 9, 1, NEMOHA 2, 9, 2, NEMOHA 2, 9, 2, NEMOHA 2, 9, 4, NEMOHA 2, 9, 4, NEMOHA 2, 9, 5, NEMOHA 2, 10, 2, NEMOHA 2, 10, 2, NEMOHA 2, 10, 2, NEMOHA 2, 10, 3, NEMOHA 2, 10, 4, NEMOHA 2, 10, 6, NEMOHA 2, 11, 4, NEMOHA 2, 11, 4, NEMOHA 2, 12, 1, 4	
									NEMO-HA, 3,1,1,NEMO-HA, 3,1,2, NEMO-HA, 3,1,3,NEMO-HA, 3,1,4, NEMO-HA, 3,1,5,NEMO-HA, 3,1,8, NEMO-HA, 3,1,7,NEMO-HA, 3,1,8, NEMO-HA, 3,1,9,NEMO-HA, 3,1,1,8, NEMO-HA, 3,3,1,NEMO-HA, 3,3,2, NEMO-HA, 3,3,3,NEMO-HA, 3,3,4, NEMO-HA, 3,3,3,NEMO-HA, 3,3,6, NEMO-HA, 3,3,7,NEMO-HA, 3,3,6, NEMO-HA, 3,3,7,NEMO-HA, 3,3,6, NEMO-HA, 3,3,7,NEMO-HA, 3,3,6, NEMO-HA, 3,3,7,NEMO-HA, 3,3,8,	
									NEMO-HA, 3, 4, 1. NEMO-HA, 3, 4, 2, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 4, NEMO-HA, 3, 4, 5, NEMO-HA, 3, 4, 6, NEMO-HA, 3, 4, 7, NEMO-HA, 3, 4, 1, 2, NEMO-HA, 3, 4, 1, 1, NEMO-HA, 3, 4, 1, 2, NEMO-HA, 3, 4, 1, 1, NEMO-HA, 3, 4, 1, NEMO-HA, 3, NEMO-H	
									NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 3, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 6, NEMO-HA, 4, 2, 7, NEMO-HA, 4, 2, 8, NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 12, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16,	
									NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, 2, NEMO-HA, 4, 3, 3, NEMO-HA, 4, 3, 4, NEMO-HA, 4, 3, 5, NEMO-HA, 4, 3, 6, NEMO-HA, 4, 3, 7, NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, NEMO-HA, 4, NEMO-H	
									NEMO-HA_4_3_7.NEMO-HA_4_3_8, NEMO-HA_4_3_9.NEMO-HA_4_3_10, NEMO-HA_4_3_11.NEMO-HA_4_3_12, NEMO-HA_4_3_13.NEMO-HA_4_3_14,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
INU.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO HA. 4.4.1 NEMO-HA. 4.4.2. NEMO HA. 4.4.3 NEMO HA. 4.4.4. NEMO HA. 4.4.5 NEMO HA. 4.4.6. NEMO HA. 4.4.7 NEMO HA. 4.4.8. NEMO HA. 4.4.3 NEMO HA. 4.4.13. NEMO HA. 4.4.14 NEMO HA. 4.4.15.	
									NEMO-HA, 5, 1, 1, NEMO-HA, 5, 1, 2, NEMO-HA, 5, 1, 3, NEMO-HA, 5, 2, 4, NEMO-HA, 5, 2, 1, NEMO-HA, 5, 2, 2, NEMO-HA, 2, 5, 3, NEMO-HA, 5, 2, 4, NEMO-HA, 5, 3, 1, NEMO-HA, 5, 3, 4, NEMO-HA, 3, 5, NEMO-HA, 5, 3, 6, NEMO-HA, 3, 5, 3, 8, NEMO-HA, 5, 3, 6, NEMO-HA, 5, 3, 8, NEMO-HA, 5, 3, 6, NEMO-HA, 5, 3, 8, NEMO-HA, 5, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8,	
									NEMO HA. 5. 4. I.NEMO HA. 5. 4. 2. NEMO HA. 5. 4. 5. NEMO HA. 5. 4. 6. NEMO HA. 5. 4. 7. NEMO HA. 5. 4. 8. NEMO HA. 5. 4. 9. NEMO HA. 5. 4. 10. NEMO HA. 5. 4. 11. NEMO HA. 5. 5. 1. NEMO HA. 5. 5. 3.	
									NEMO-HA, 6, 1, 1. NEMO-HA, 6, 1, 2. NEMO-HA, 6, 2, 1. NEMO-HA, 6, 2, 2. NEMO-HA, 6, 2, 3. NEMO-HA, 6, 2, 4. NEMO-HA, 6, 4, 1. NEMO-HA, 6, 4, 4. NEMO-HA, 6, 5, 1. NEMO-HA, 6, 5, 2. NEMO-HA, 6, 5, 3. NEMO-HA, 6, 5, 2. NEMO-HA, 6, 5, 3. NEMO-HA, 6, 5, 4.	
									NEMO HA, 8, 8, 1, NEMO HA, 8, 8, 2, NEMO HA, 8, 6, 3, NEMO HA, 9, 6, 8, NEMO HA, 8, 6, 7, NEMO HA, 8, 6, 8, NEMO HA, 8, 6, 9, NEMO HA, 8, 6, 10, NEMO HA, 8, 6, 11, NEMO HA, 8, 7, 1, NEMO HA, 6, 7, 3, NEMO HA, 8, 7, 5, NEMO HA, 6, 7, 6,	
									NEMO HA. 9.1.1.NEMO HA. 9.1.2. NEMO HA. 9.1.3.NEMO HA. 9.1.4. NEMO HA. 9.1.5.NEMO HA. 9.1.6. NEMO HA. 9.1.5.NEMO HA. 9.1.8. NEMO HA. 9.1.1.NEMO HA. 9.1.8. NEMO HA. 9.1.1.NEMO HA. 9.1.12. NEMO HA. 9.1.1.NEMO HA. 9.1.14. NEMO HA. 9.1.15.NEMO HA. 9.1.16.	
									NEMO-HA_8_1_1.NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, IKE Real Home link, MPS/MPA Real Home link, Network mobility(same HA)



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
INO.	Section	Section title	item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
10				The home agent MUST mark this Binding Cache entry as a home registration to indicate that the node is serving as a home agent for this binding. Binding Cache entries marked as a home registration MUST be excluded from the normal cache replacement policy used for the Binding Cache (Section 9.6) and MUST NOT be removed from the Binding Cache until the expiration of the Lifetime period.	MUST	A	Al	X	NEMO HA. 2, 1.5. NEMO HA. 2, 1.7. NEMO HA. 2, 1.2. NEMO HA. 2, 2, 1.2. NEMO HA. 2, 2, 2, 1. NEMO HA. 2, 2, 1.4. NEMO HA. 2, 2, 3. NEMO HA. 2, 2, 4. NEMO HA. 2, 5. NEMO HA. 2, 5. 8. NEMO HA. 2, 5. NEMO HA. 2, 5. 8. NEMO HA. 2, 5. NEMO HA. 2, 5. 8. NEMO HA. 2, 6. NEMO HA. 2, 6. 10. NEMO HA. 2, 6. 11. NEMO HA. 2, 6. 10. NEMO HA. 2, 6. 11. NEMO HA. 2, 6. 12.	Virtual Home link



RFC	RFC	ν.	T 10	RFC	Functiona	TEST		Test PROFILE	Reason of
No. Section		Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
Section	Section title		Each node's Binding Cache will, by necessity, have a finite size. A node MAY use any reasonable local policy for managing the space within its Binding Cache, except that any entry marked as a home registration (Section 10.3.1) MUST NOT be deleted from the cache until the expiration of its lifetime period. When such home registration entries are deleted, the home agent MUST also cease intercepting packets on the mobile node's home link addressed to the mobile node (Section 10.4.1), just as if the mobile node had de-registered its primary care-of address (see Section 10.3.2). When attempting to add a new home registration entry in response to a Binding Update with the Home Registration (H) bit set, if no sufficient space can be found, the home agent MUST reject the Binding Update. Furthermore, the home agent MUST return a Binding Acknowledgement to the sending mobile node, in which the Status field is set to 130 (insufficient resources).	Status		Priority	Supported	Test No. NEMOHA 2 7,3 NEMOHA 2 7,4 NEMOHA 2 7,7 NEMOHA 2 7,4 NEMOHA 2 8,7 NEMOHA 2 7,8 NEMOHA 2 8,9 NEMOHA 2 8,8 NEMOHA 2 8,9 NEMOHA 2 8,8 NEMOHA 2 8,11 NEMOHA 2 8,12 NEMOHA 2 8,11 NEMOHA 2 9,12 NEMOHA 2 9,13 NEMOHA 2 9,14 NEMOHA 2 9,13 NEMOHA 2 9,14 NEMOHA 2 9,13 NEMOHA 2 9,14 NEMOHA 2 9,15 NEMOHA 2 1,12 NEMOHA 2 1,12 NEMOHA 2 1,12 NEMOHA 2 1,12 NEMOHA 3 1,10 NEMOHA 3 4,17 NEMOHA 2 1,12 NEMOHA 3 1,10 NEMOHA 3 4,17 NEMOHA 3 1,10 NEMOHA 3 4,18 NEMOHA 3 1,20 NEMOHA 3 1,3 NEMOHA 3 2,5 NEMOHA 3 1,3 NEMOHA 3 2,1 NEMOHA 3 1,4 NEMOHA 3 3,1 NEMOHA 3 3,4 NEMOHA 3 3,5 NEMOHA 3 3,4 NEMOHA 3 3,1 NEMOHA 3 3,4 NEMOHA 3 3,5 NEMOHA 3 3,4 NEMOHA 3 3,1 NEMOHA 3 3,4 NEMOHA 3 3,1 NEMOHA 3 3,4 NEMOHA 3 3,5 NEMOHA	TEST Priority



NI.	RFC	RFC	Th	E	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l		Supported	Test No.	TEST Priority
									NEMO-HA, 6, 1, 3. NEMO-HA, 6, 1, 4, NEMO-HA, 6, 4, 5. NEMO-HA, 6, 4, 6, NEMO-HA, 6, 4, 7. NEMO-HA, 6, 4, 8, NEMO-HA, 6, 5, 5. NEMO-HA, 6, 5, 6, NEMO-HA, 6, 5, 7. NEMO-HA, 6, 5, 8,	
									NEMO-HA, 8, 8, 2, NEMO-HA, 8, 8, 1, NEMO-HA, 8, 8, 12, NEMO-HA, 8, 8, 13, NEMO-HA, 8, 8, 13, NEMO-HA, 8, 6, 15, NEMO-HA, 8, 6, 16, NEMO-HA, 8, 8, 17, NEMO-HA, 8, 8, 18, NEMO-HA, 8, 7, 2, NEMO-HA, 8, 7, 2, NEMO-HA, 8, 7, 2, NEMO-HA, 8, 1, 18, NEMO-HA, 8, NEMO-HA	
									NEMO-HA, 9 _ 1,17 NEMO-HA, 9 _ 1, 18 NEMO-HA, 9 _ 1, 19 NEMO-HA, 9 _ 1, 20, NEMO-HA, 9 _ 1, 20 NEMO-HA, 9 _ 1, 22, NEMO-HA, 9 _ 1, 23 NEMO-HA, 9 _ 1, 24, NEMO-HA, 9 _ 1, 25 NEMO-HA, 9 _ 1, 26, NEMO-HA, 9 _ 1, 27 NEMO-HA, 9 _ 1, 28, NEMO-HA, 9 _ 1, 31 NEMO-HA, 9 _ 1, 30, NEMO-HA, 9 _ 1, 31 NEMO-HA, 9 _ 1, 32,	
							A2	X		Virtual Home link, IKE
									NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO HA 3, 2, 15 NEMO HA 3, 2, 16 NEMO HA 3, 2, 17 NEMO HA 3, 2, 18 NEMO HA 3, 2, 19 NEMO HA 3, 2, 20, NEMO HA 3, 2, 21 NEMO HA 3, 2, 20, NEMO HA 3, 2, 23 NEMO HA 3, 2, 22, NEMO HA 3, 2, 23 NEMO HA 3, 2, 24, NEMO HA 3, 2, 25 NEMO HA 3, 2, 26, NEMO HA 3, 2, 25 NEMO HA 3, 2, 28,	Virtual Home link, Network mobility(same HA)
									NEMO-HA_1_1_5. NEMO-HA_1_1_6. NEMO-HA_1_1_7. NEMO-HA_2_1_1. NEMO-HA_2_1_2. NEMO-HA_2_1_3. NEMO-HA_2_1_4. NEMO-HA_2_1_6. NEMO-HA_2_1_1. NEMO-HA_2_1_6. NEMO-HA_2_1_1. NEMO-HA_2_1_6. NEMO-HA_2_1_1. NEMO-HA_2_2_1.0. NEMO-HA_2_2_1.0. NEMO-HA_2_2_1.0.	Real Home link
									NEMO HA, 2, 3, 1, NEMO HA, 2, 3, 2, NEMO HA, 2, 3, 3, NEMO HA, 2, 5, 4, NEMO HA, 2, 5, 1, NEMO HA, 2, 5, 6, NEMO HA, 2, 6, 1, NEMO HA, 2, 6, 2, NEMO HA, 2, 6, 1, NEMO HA, 2, 6, 2, NEMO HA, 2, 6, 3, NEMO HA, 2, 6, 4, NEMO HA, 2, 6, 5, NEMO HA, 2, 6, 6,	
									NEMO HA, 2, 7, 1, NEMO HA, 2, 7, 2, NEMO HA, 2, 7, 1, NEMO HA, 2, 7, 6, NEMO HA, 2, 8, 1, NEMO HA, 2, 8, 2, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 4, NEMO HA, 2, 8, 3, NEMO HA, 2, 8, 6,	



No	RFC	RFC	Itom	Eunstianal Consideration	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO HA. 2.9.1, NEMO HA. 2.9.2, NEMO HA. 2.9.3, NEMO HA. 2.9.4, NEMO HA. 2.10.5, NEMO HA. 2.10.3, NEMO HA. 2.10.5, NEMO HA. 2.10.3, NEMO HA. 2.10.4, NEMO HA. 2.10.5, NEMO HA. 2.10.4, NEMO HA. 2.11.4, NEMO HA. 2.12.1,	
									NEMOHA 3.1.1NEMOHA 3.1.2 NEMOHA 3.1.3NEMOHA 3.1.4 NEMOHA 3.1.5NEMOHA 3.1.6 NEMOHA 3.1.7NEMOHA 3.1.8 NEMOHA 3.1.7NEMOHA 3.1.10 NEMOHA 3.3.1NEMOHA 3.3.2 NEMOHA 3.3.3NEMOHA 3.3.4 NEMOHA 3.3.5NEMOHA 3.3.4 NEMOHA 3.3.5	
									NEMO HA. 3.4.1.NEMO HA. 3.4.2. NEMO HA. 3.4.3.NEMO HA. 3.4.4. NEMO HA. 3.4.3.NEMO HA. 3.4.6. NEMO HA. 3.4.0.NEMO HA. 3.4.8. NEMO HA. 3.4.0.NEMO HA. 3.4.10. NEMO HA. 3.4.1.NEMO HA. 3.4.12. NEMO HA. 3.4.13.NEMO HA. 3.4.12.	
									NEMO HA, 4, 2, 1, NEMO HA, 4, 2, 2, NEMO HA, 4, 2, 3, NEMO HA, 4, 2, 4, NEMO HA, 4, 2, 5, NEMO HA, 4, 2, 6, NEMO HA, 4, 2, 6, NEMO HA, 4, 2, 7, NEMO HA, 4, 2, 10, NEMO HA, 4, 2, 11, NEMO HA, 4, 2, 12, NEMO HA, 4, 2, 13, NEMO HA, 4, 2, 14, NEMO HA, 4, 2, 15, NEMO HA, 4, 2, 16, NE	
									NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, 2, NEMO-HA, 4, 3, 3, NEMO-HA, 4, 3, 4, NEMO-HA, 4, 3, 5, NEMO-HA, 4, 3, 6, NEMO-HA, 4, 3, 7, NEMO-HA, 4, 3, 7, NEMO-HA, 4, 3, 1, 0, NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, NEMO-HA, 4, 3, NEMO-HA, 4, NEMO-H	
									NEMO HA. 4.4. I. NEMO HA. 4.4.2. NEMO HA. 4.4.3. NEMO HA. 4.4.4. NEMO HA. 4.4. S. NEMO HA. 4.4.6. NEMO HA. 4.4. T. NEMO HA. 4.4.6. NEMO HA. 4.4. T. NEMO HA. 4.4.13. NEMO HA. 4.4. 14. NEMO HA. 4.4.13.	
									NEMO-HA, 5.1, 1. NEMO-HA, 5.1, 2. NEMO-HA, 5.1, 3. NEMO-HA, 5.2, 4. NEMO-HA, 5.2, 1. NEMO-HA, 5.2, 2. NEMO-HA, 5.2, 3. NEMO-HA, 5.2, 4. NEMO-HA, 5.3, 5. NEMO-HA, 5.3, 4. NEMO-HA, 5.3, 5. NEMO-HA, 5.3, 6. NEMO-HA, 5.3, 5. NEMO-HA, 5.3, 6.	
ı										



N.T.	RFC	RFC	τ.	F 10	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
							-		NEMO HA. 5.4.1.NEMO HA. 5.4.2. NEMO HA. 5.4.5.NEMO HA. 5.4.6. NEMO HA. 5.4.7.NEMO HA. 5.4.6. NEMO HA. 5.4.9.NEMO HA. 5.4.10. NEMO HA. 5.4.11. NEMO HA. 5.5.1.NEMO HA. 5.5.3.	
									NEMO HA, 6, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	
									NEMO-HA, 6, 6, 1, NEMO-HA, 6, 6, 2, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, 8, NEMO-HA, 6, 6, 8, NEMO-HA, 6, 8, 8, NEMO-HA, 6, 8, 10, NEMO-HA, 6, 11, NEMO-HA, 6, 11, NEMO-HA, 6, 17, NEMO-HA, 6, 17, NEMO-HA, 6, 17, NEMO-HA, 8, 17, NEMO-HA, 8, 17, NEMO-HA, 8, 17, NEMO-HA, 8, 11, NEMO-HA, 8, 17, NEMO-HA, 8, 11, NEMO-HA, 8, NEMO-HA,	
									NEMO HA. 9. 1. NEMO HA. 9. 1. 2. NEMO HA. 9. 1. 3. NEMO HA. 9. 1. 4. NEMO HA. 9. 1. 3. NEMO HA. 9. 1. 4. NEMO HA. 9. 1. 3. NEMO HA. 9. 1. 5. NEMO HA. 9. 1. NEMO HA. 9. 1. 1. 6. NEMO HA. 9. 1. 1. NEMO HA. 9. 1. 10. NEMO HA. 9. 1. 1. 1. NEMO HA. 9. 1. 12. NEMO HA. 9. 1. 1. 1. S. NEMO HA. 9. 1. 14. NEMO HA. 9. 1. 1. 1. S. NEMO HA. 9. 1. 14. NEMO HA. 9. 1. 1. 1. S. NEMO HA. 9. 1. 16.	
										Real Home link, IKE
									NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA
									NEMO-HA, 9, 2, 1.NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 4, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 6, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, NEMO-HA, 9, NE	Real Home link, Network mobility(same HA)
11	4				MUST	A	A2	X	NEMO-HA_2_1_8	Virtual Home link,
11					MUSI	A	AL	^		Cache Replacement Policy
									NEMO-HA_2_1_4,	Real Home link, Cache Replacement Policy
12	1				MUST NOT	A	A2	Х	NEMO-HA_2_1_8	Virtual Home link, Cache Replacement Policy
									NEMO-HA_2_1_4,	Real Home link, Cache Replacement Policy



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona			Test PROFILE	Reason of
INO.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
13				Unless this home agent already has a binding for the given home address, the home agent MUST perform Duplicate Address Detection [13] on the mobile node's home link before returning the Binding Acknowledgement. This ensures that no other node on the home link was using the mobile node's home address when the Binding Update arrived. If this Duplicate Address Detection fails for the given home address or an associated link local address, then the home agent MUST reject the complete Binding Update and MUST return a Binding Acknowledgement to the mobile node, in which the Status field is set to 134 (Duplicate Address	MUST	A	A2	X (*1)	NEMO-HA, 2, 3, 1. NEMO-HA, 2, 3, 2, NEMO-HA, 2, 3, 3, 4, NEMO-HA, 2, 4, 1. NEMO-HA, 2, 4, 2, NEMO-HA, 2, 4, 2, NEMO-HA, 2, 4, 4, NEMO-HA, 2, 4, 5. NEMO-HA, 2, 4, 5. NEMO-HA, 2, 4, 5. NEMO-HA, 2, 4, 5. NEMO-HA, 2, 4, 6	Real Home link, Home Address(with Home prefix)
14				Detection failed). When the home agent sends a successful Binding Acknowledgement to the mobile node, the home agent assures to the mobile node that its address(es) will be kept unique by the home agent for as long as the lifetime was granted for the binding.	MUST	A	A2	Х	NEMOHA 2.4.1 NEMOHA 2.4.2 NEMOHA 2.4.3 NEMOHA 2.4.4 NEMOHA 2.4.5 NEMOHA 2.4.6	Real Home link, Home Address(with Home prefix)
15					MUST	A	A2	Х	NEMOHA 2, 4,1 NEMOHA 2, 4,2 NEMOHA 2, 4,3 NEMOHA 2,4,4 NEMOHA 2,4,5 NEMOHA 2,4,6	Real Home link, Home Address(with Home prefix)
16			The specific addresses which are to be tested before accepting the Binding Update, and later to be defended by performing Duplicate Address Detection, depend on the settings of the Single Address Only (S) and Link-Local Address Compatibility (L) bits, as follows:	o L=0: Defend only the given address. Do not derive a link-local address.	(do)	A	A2	X	NEMO-HA_2_3_1.NEMO-HA_2_3_3. NEMO-HA_2_4_1.NEMO-HA_2_4_4. NEMO-HA_4_1_1. NEMO-HA_4_1.NEMO-HA_4_2_2. NEMO-HA_4_2.NEMO-HA_4_2_1. NEMO-HA_4_2.3.NEMO-HA_4_2_1. NEMO-HA_4_3.3.NEMO-HA_4_2_1. NEMO-HA_4_3.1.NEMO-HA_4_3_1. NEMO-HA_4_3.3.NEMO-HA_4_3_1.2. NEMO-HA_4_3.3.NEMO-HA_4_3_1.2. NEMO-HA_4_3.3.NEMO-HA_4_3_1.2. NEMO-HA_4_3.3.NEMO-HA_4_3_1.2. NEMO-HA_4_3.3.NEMO-HA_4_3_1.2. NEMO-HA_4_3.3.NEMO-HA_4_3_1.2. NEMO-HA_4_3.3.NEMO-HA_4_3_1.2. NEMO-HA_4_3.3.NEMO-HA_4_3_1.2. NEMO-HA_4_3.3.NEMO-HA_4_3_1.3. NEMO-HA_4_3.3.NEMO-HA_4_3_1.3. NEMO-HA_4_3.3.NEMO-HA_4_3_1.3. NEMO-HA_4_3.3.NEMO-HA_4_3_1.3. NEMO-HA_4_3.3.NEMO-HA_4_3_1.3. NEMO-HA_4_3.3.NEMO-HA_4_3_1.3. NEMO-HA_4_4.3.NEMO-HA_4_3_1.3. NEMO-HA_4_4.3.NEMO-HA_4_3_1.3. NEMO-HA_4_4.3.NEMO-HA_4_4.3. NEMO-HA_4_4.3.NEMO-HA_	Real Home link, Home Address(with Home prefix)



The lifetime of the Binding Cache entry depends on a number of factors: A	RFC F	Reason of
The lifetime of the Binding Cache entry depends on a number of factors: The lifetime for the Binding Cache entry MUST NOT factors: The lifetime for the Binding Cache entry MUST NOT be greater than the Lifetime value specified in the subspecified in the lifetime for the Binding Update. The lifetime for the Binding Cache entry MUST NOT be greater than the remaining valid lifetime for the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the mobile node's home address specified in the subset prefix in the subset prefix in the mobile node's home address specified in the subset prefix in the subset prefix in the subset prefix in the su	Section Secti	TEST Priority
Binding Cache entry depends on a number of factors: A		
be greater than the maining valid lifetime for the subnet prefix in the mobile node's home address specified	_	Virtual Home link Real Home link
be greater than the maining valid lifetime for the subnet prefix in the mobile node's home address specified		
for this prefix is determined by the home agent based on		Real Home link
		Real Home link
MUST A A1 X NEMO-HA_2_1_8 Virt	7	Virtual Home link
A2 X NEMO-HA_2_1_4. Rea		Real Home link



	DEC	RFC			DEC	l	TEST		Test PROFILE	D 0
No.	RFC Section	Section title	Item	Functional Specification	RFC Status	Functiona	1ES1 Priority	Supported	Test No.	Reason of TEST Priority
22	Section	Section title		o The home agent MAY further decrease the specified	MAY	C	C	Supported	Test No.	This function is
22				lifetime for the binding, for example based on a local	MAI	C	C			implementaion-dependent. It
				policy. The resulting lifetime is stored by the home agent						does not effect on
				in the Binding Cache entry, and this Binding Cache entry						interoperability.
				MUST be deleted by the home agent after the expiration						interoperability.
				of this lifetime.						
				or this incline.						
1										
1										!
1										!
L.	1								NEMO-HA_2_1_8	
23					MUST	A	A1	X	101210	Virtual Home link
1										
							A2	X	NEMO-HA_2_1_4,	Real Home link
1							AΔ	^		Real Home mik



No.	RFC	RFC	Item	Functional Specification		Functiona	TEST		Test PROFILE	Reason of
NU.	Section	Section title		Functional Specification	Status	l	Priority	Supported		TEST Priority
224				o The Status field MUST be set to a value 0 indicating success. The value 1 (accepted but prefix discovery necessary) MUST be used if the subnet prefix of the specified home address is deprecated, or becomes deprecated during the lifetime of the binding, or becomes invalid at the end of the lifetime. The value 0 MUST be used otherwise. For the purposes of comparing the binding and prefix lifetimes, the prefix lifetimes are first converted into units of four seconds by ignoring the two least significant bits.	MUST	A	A1		NEMOHA, 2.1. S.NEMOHA, 2.1.7. NEMOHA, 2.2. 1. INEMOHA, 2.2. 12. NEMOHA, 2.2. 1. 1. NEMOHA, 2.5. 14. NEMOHA, 2.5. 3. NEMOHA, 2.5. 4. NEMOHA, 2.5. 3. NEMOHA, 2.5. 5. NEMOHA, 2.5. 7. NEMOHA, 2.5. 8. NEMOHA, 2.6. 7. NEMOHA, 2.6. 8. NEMOHA, 2.6. 7. NEMOHA, 2.6. 10. NEMOHA, 2.6. 11. NEMOHA, 2.6. 12.	Virtual Home link
									NEMO HA, 2, 7, 3.NEMO HA, 2, 7, 4, NEMO HA, 2, 7, 7.NEMO HA, 2, 7, 8, NEMO HA, 2, 8, NEMO HA, 2, 8, 8, NEMO HA, 2, 8, 10, NEMO HA, 2, 8, 11, NEMO HA, 2, 9, 10, NEMO HA, 2, 10, 10, NEMO HA, 2, 10, 11, NEMO HA, 2, 10, 8, NEMO HA, 2, 10, 11, NEMO HA, 2, 11, 14, NEMO HA, 2, 12, 4, NEMO HA, 2, 12,	
									NEMO HA.3.L.11.NEMO HA.3.L.12. NEMO HA.3.4. IR.NEMO HA.3.4.17. NEMO HA.3.4.18.NEMO HA.3.4.19. NEMO HA.3.4.20. NEMO HA.5.L.5.NEMO HA.5.1.8. NEMO HA.5.L.7. NEMO HA.5.2.S.NEMO HA.5.2.8. NEMO HA.5.2.S.NEMO HA.5.2.8. NEMO HA.5.3.9.NEMO HA.5.3.10. NEMO HA.5.3.9.NEMO HA.5.3.10.	



No	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO-HA. 5. 4. 3. NEMO-HA. 5. 4. 4. NEMO-HA. 5. 4. 1. 1. NEMO-HA. 5. 4. 1. 2. NEMO-HA. 5. 4. 1. 3. NEMO-HA. 5. 4. 14. NEMO-HA. 5. 4. 15. NEMO-HA. 5. 4. 16. NEMO-HA. 5. 4. 17. NEMO-HA. 5. 4. 18. NEMO-HA. 5. 4. 18. NEMO-HA. 5. 5. 6.	
									NEMO-HA_6_1_3.NEMO-HA_6_1_4. NEMO-HA_6_4_5.NEMO-HA_6_4_6. NEMO-HA_6_4_7.NEMO-HA_6_4.8. NEMO-HA_6_5.5.NEMO-HA_6_5.6. NEMO-HA_6_5.7.NEMO-HA_6_5.8.	
									NEMO-HA, S. B. 3. NEMO-HA, S. B. 4. NEMO-HA, B. 6. 12. NEMO-HA, S. B. 13. NEMO-HA, B. 6. 14. NEMO-HA, S. B. 15. NEMO-HA, B. 6. 16. NEMO-HA, S. B. 17. NEMO-HA, B. 6. 18. NEMO-HA, S. B. 17. NEMO-HA, B. 7. 2. NEMO-HA, S. T. 4. NEMO-HA, B. 7. T-REMO-HA, S. T. 8. NEMO-HA, B. 1. 2. NEMO-HA, S. 1. 8. NEMO-HA, S. 1. 2. NEMO-HA, S. 1. 8. NEMO-HA, S. 1. 16.	
									NEMO HA, 9, 1, 17, NEMO HA, 9, 1, 18, NEMO HA, 9, 1, 19, NEMO HA, 0, 1, 20, NEMO HA, 9, 1, 21, NEMO HA, 0, 1, 22, NEMO HA, 9, 1, 23, NEMO HA, 9, 1, 24, NEMO HA, 9, 1, 25, NEMO HA, 9, 1, 26, NEMO HA, 2, 1, 20, NEMO HA, 9, 1, 26, NEMO HA, 9, 1, 20, NEMO HA, 9, 1, 30, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 30, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32,	
							A2	X		Virtual Home link, IKE
									NEMO-HA_8_1_2.NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO-HA, 9, 2, 15 NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 19, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 22, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 25, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, NEMO-H	Virtual Home link, Network mobility(same HA)
									NEMO-HA, 1, 5. NEMO-HA, 1, 1, 6. NEMO-HA, 1, 1, 7. NEMO-HA, 2, 1, 1, NEMO-HA, 2, 1, 2. NEMO-HA, 2, 1, 3, NEMO-HA, 2, 1, 4. NEMO-HA, 2, 1, 5, NEMO-HA, 2, 1, 9. NEMO-HA, 2, 1, 4, NEMO-HA, 2, 1, 15. NEMO-HA, 2, 2, 3, 2, 3, 2, 10. NEMO-HA, 2, 2, 3, 2, 3, 2, 10. NEMO-HA, 2, 2, 3, 2, 3, 2, 10.	Real Home link
									NEMO HA 2.3,1 NEMO HA 2.3.2, NEMO HA 2.3,3 NEMO HA 2.3.4, NEMO HA 2.5,1 NEMO HA 2.5.2, NEMO HA 2.5,5 NEMO HA 2.5.6, NEMO HA 2.6,1 NEMO HA 2.6.2, NEMO HA 2.6,3 NEMO HA 2.6,4, NEMO HA 2.6,3 NEMO HA 2.6,4,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
vo.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO-HA_2_7_1,NEMO-HA_2_7_2, NEMO-HA_2_7_5,NEMO-HA_2_7_6,	
									NEMO-HA_2_7_5,NEMO-HA_2_7_6, NEMO-HA_2_8_1,NEMO-HA_2_8_2,	
									NEMO-HA_2_8_3,NEMO-HA_2_8_4,	
									NEMO-HA_2_8_5,NEMO-HA_2_8_6,	
									NEMO-HA_2_9_1,NEMO-HA_2_9_2, NEMO-HA_2_9_3,NEMO-HA_2_9_4,	
									NEMO-HA_2_9_5, NEMO-HA_2_9_5,	
									NEMO-HA_2_10_2,NEMO-HA_2_10_3,	
									NEMO-HA_2_10_4,NEMO-HA_2_10_5,	
									NEMO-HA_2_10_6, NEMO-HA_2_11_4,	
									NEMO-HA_2_12_1,	
I										1
J					1				NEMO-HA_3_1_1,NEMO-HA_3_1_2,	1
									NEMO-HA_3_1_3,NEMO-HA_3_1_4. NEMO-HA_3_1_5,NEMO-HA_3_1_6.	1
									NEMO-HA_3_1_7,NEMO-HA_3_1_8,	1
									NEMO-HA_3_1_9,NEMO-HA_3_1_10,	1
					1				NEMO-HA_3_3_1,NEMO-HA_3_3_2, NEMO-HA_3_3_3,NEMO-HA_3_3_4.	1
					1				NEMO-HA_3_3_3,NEMO-HA_3_3_4, NEMO-HA_3_3_5,NEMO-HA_3_3_6,	1
J	l				1	1		1	NEMO-HA_3_3_7,NEMO-HA_3_3_8,	1
					1					1
ı					1					1
									NEMO-HA_3_4_1,NEMO-HA_3_4_2, NEMO-HA_3_4_3,NEMO-HA_3_4_4,	
									NEMO-HA_3_4_5,NEMO-HA_3_4_6,	
									NEMO-HA_3_4_7,NEMO-HA_3_4_8,	
									NEMO-HA_3_4_9,NEMO-HA_3_4_10,	
									NEMO-HA_3_4_11,NEMO-HA_3_4_12, NEMO-HA_3_4_13,NEMO-HA_3_4_14,	
									NEMO-HA_3_4_15, NEMO-HA_3_4_15,	
									NEMO-HA_4_2_1,NEMO-HA_4_2_2,	
									NEMO-HA_4_2_3,NEMO-HA_4_2_4,	
									NEMO-HA_4_2_5,NEMO-HA_4_2_6,	
									NEMO-HA_4_2_7,NEMO-HA_4_2_8, NEMO-HA_4_2_9,NEMO-HA_4_2_10,	
									NEMO-HA_4_2_11,NEMO-HA_4_2_12,	
									NEMO-HA_4_2_13,NEMO-HA_4_2_14,	
I					1				NEMO-HA_4_2_15,NEMO-HA_4_2_16,	1
ı					1					1
ı					1					1
I					1					1
					1				NEMO-HA_4_3_1,NEMO-HA_4_3_2,	1
					1				NEMO-HA_4_3_3,NEMO-HA_4_3_4, NEMO-HA_4_3_5,NEMO-HA_4_3_6,	1
									NEMO-HA_4_3_5,NEMO-HA_4_3_6, NEMO-HA_4_3_7,NEMO-HA_4_3_8,	1
					1				NEMO-HA_4_3_9,NEMO-HA_4_3_10,	1
ı					1				NEMO-HA_4_3_11,NEMO-HA_4_3_12,	1
	l				1				NEMO-HA_4_3_13,NEMO-HA_4_3_14, NEMO-HA_4_3_15,NEMO-HA_4_3_16,	1
ı					1				NEMO-FIA_4_3_15,NEMO-HA_4_3_16,	1
					1					
					1					1
ı					1					1
I					1				NEMO-HA_4_4_1,NEMO-HA_4_4_2, NEMO-HA_4_4_3,NEMO-HA_4_4_4.	1
					1				NEMO-HA_4_4_5,NEMO-HA_4_4_6,	1
									NEMO-HA_4_4_7,NEMO-HA_4_4_8,	1
J					1				NEMO-HA_4_4_9,NEMO-HA_4_4_13,	1
					1				NEMO-HA_4_4_14,NEMO-HA_4_4_15,	
					1]		1
					1					i



	DEC	DEC			DEC	Francisco -	TECT		Test PROFILE	D
No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functiona	TEST Priority	Supported	Test No.	Reason of TEST Priority
	Section	Section title			Status	1	THORITY		NEMO HA. 5.1, 1.NEMO HA. 5.1, 2. NEMO HA. 5.1, 3.NEMO HA. 5.1, 4. NEMO HA. 5.2, 1.NEMO HA. 5.2, 4. NEMO HA. 5.2, 3.NEMO HA. 5.2, 4. NEMO HA. 5.2, 3.NEMO HA. 5.2, 4. NEMO HA. 5.3, 3.NEMO HA. 5.3, 4. NEMO HA. 5.3, 5.NEMO HA. 5.3, 6.	1231111011ty
									NEMO HA. 5. 4. I. NEMO HA. 5. 4. 2. NEMO HA. 5. 4. 5. NEMO HA. 5. 2. 6. NEMO HA. 5. 4. 7. NEMO HA. 5. 2. 6. NEMO HA. 5. 4. 2. NEMO HA. 5. 2. 10. NEMO HA. 5. 4. 2. 11. NEMO HA. 5. 5. 1. NEMO HA. 5. 5. 3.	
									NEMOHA, 6, 1, 1. NEMOHA, 8, 1, 2, NEMOHA, 6, 2, 1, NEMOHA, 6, 2, 1, NEMOHA, 6, 2, 1, NEMOHA, 6, 4, 1, NEMOHA, 6, 5, 3, NEMOHA, 6, 5, 4, 4	
									NEMO-HA, 6, 6, 1. NEMO-HA, 6, 6, 2. NEMO-HA, 6, 6, 5. NEMO-HA, 6, 6, 6. NEMO-HA, 6, 7. NEMO-HA, 6, 6, 8. NEMO-HA, 6, 11. NEMO-HA, 6, 11. NEMO-HA, 6, 7, 1. NEMO-HA, 6, 7, 8. NEMO-HA, 8, 7, 1. NEMO-HA, 6, 7, 8. NEMO-HA, 8, 1, 1. NEMO-HA, 8, 1, 7, 8. NEMO-HA, 8, 1, 1. NEMO-HA, 8, 1, 7, 8. NEMO-HA, 8, 1, 1. NEMO-HA, 8, 1, 7.	
									NEMO HA, 9, 1, 1, NEMO HA, 9, 1, 2, NEMO HA, 9, 1, 3, NEMO HA, 9, 1, 4, NEMO HA, 9, 1, 5, NEMO HA, 9, 1, 6, NEMO HA, 9, 1, 7, NEMO HA, 9, 1, 1, 8, NEMO HA, 9, 1, 1, NEMO HA, 9, 1, 10, NEMO HA, 9, 1, 1, NEMO HA, 9, 1, 14, NEMO HA, 9, 1, 13, NEMO HA, 9, 1, 14, NEMO HA, 9, 1, 15, NEMO HA, 9, 1, 16,	
										Real Home link, IKE
									NEMO-HA_8_1_1.NEMO-HA_8_1_7. NEMO-HA_8_1_15,	Real Home link, MPS/MPA
									NEMOHA 9, 2, 1, NEMOHA, 9, 2, 2, NEMOHA 9, 2, 5, NEMOHA, 9, 2, 4, NEMOHA 9, 2, 5, NEMOHA, 9, 2, 6, NEMOHA 9, 2, 7, NEMOHA, 9, 2, 8, NEMOHA 9, 2, 9, NEMOHA, 9, 2, 10, NEMOHA 9, 2, 11, NEMOHA, 9, 2, 12, NEMOHA, 9, 2, 13, NEMOHA, 9, 2, 12,	Real Home link, Network mobility(same HA)
25					MUST	A	A1			This function is implementaion-dependent. It does not effect on interoperability. *Multiple prefix *Renumbering



NI-	RFC	RFC	T4	Eti1 CtGti	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	1		Supported	Test No.	TEST Priority
26					MUST	A	A1		NEMO HA, 2, 1, S.NEMO HA, 2, 1, 7. NEMO HA, 2, 2, 1, NEMO HA, 2, 2, 12. NEMO HA, 2, 2, 1, NEMO HA, 2, 2, 14. NEMO HA, 2, 2, 14. NEMO HA, 2, 3, NEMO HA, 2, 5, 4. NEMO HA, 2, 3, NEMO HA, 2, 5, 8. NEMO HA, 2, 6, 7, NEMO HA, 2, 6, 8. NEMO HA, 2, 6, 7, NEMO HA, 2, 6, 10. NEMO HA, 2, 6, 10, NEMO HA, 2, 6, 10. NEMO HA, 2, 6, 11, NEMO HA, 2, 6, 10. NEMO HA, 2, 6, 11, NEMO HA, 2, 6, 12.	Virtual Home link
									NEMO HA, 2, 7, 3.NEMO HA, 2, 7, 4. NEMO HA, 2, 7, 7.NEMO HA, 2, 7, 8. NEMO HA, 2, 7, 7.NEMO HA, 2, 7, 8. NEMO HA, 2, 8, 9.NEMO HA, 2, 8, 10. NEMO HA, 2, 9. 1, 1.NEMO HA, 2, 8, 12. NEMO HA, 2, 9. 1, 1.NEMO HA, 2, 9, 12. NEMO HA, 2, 9. 1, 1.NEMO HA, 2, 9, 14. NEMO HA, 2, 9. 1, 3.NEMO HA, 2, 9, 14. NEMO HA, 2, 10, 10.NEMO HA, 2, 10, 9. NEMO HA, 2, 10, 10.NEMO HA, 2, 10, 11. NEMO HA, 2, 10, 10.NEMO HA, 2, 10, 11. NEMO HA, 2, 10, 10.NEMO HA, 2, 10, 11. NEMO HA, 2, 10, 11. NEMO HA, 2, 10, 12.	
									NEMO HA. 3.1, 11.NEMO HA. 3.1, 12. NEMO HA. 3.4, 18.NEMO HA. 3.4, 17. NEMO HA. 3.4, 18.NEMO HA. 3.4, 19. NEMO HA. 3.1, 5.NEMO HA. 3.4, 19. NEMO HA. 5.1, 5.NEMO HA. 5.1, 6. NEMO HA. 5.2, 5.NEMO HA. 5.2, 6. NEMO HA. 5.2, 5.NEMO HA. 5.2, 8. NEMO HA. 5.3, 9.NEMO HA. 5.2, 8. NEMO HA. 5.3, 9.NEMO HA. 5.3, 10. NEMO HA. 5.3, 9.NEMO HA. 5.3, 10. NEMO HA. 5.3, 9.NEMO HA. 5.3, 10.	
									NEMO HA, 5, 4, 3.NEMO HA, 5, 4, 4. NEMO HA, 5, 4, 12.NEMO HA, 5, 4, 13. NEMO HA, 5, 4, 14.NEMO HA, 5, 4, 15. NEMO HA, 5, 4, 18.NEMO HA, 5, 4, 17. NEMO HA, 5, 4, 18. NEMO HA, 5, 5, 4. NEMO HA, 5, 5, 6.	
									NEMO-HA, 6,1,3,NEMO-HA, 6,1,4, NEMO-HA, 6,4,5,NEMO-HA, 6,4,6, NEMO-HA, 6,4,7NEMO-HA, 6,4,8, NEMO-HA, 6,5,5,NEMO-HA, 6,5,6, NEMO-HA, 6,5,7,NEMO-HA, 6,5,8,	
									NEMO HA, 6, 8, 3.NEMO HA, 6, 6, 4, NEMO HA, 6, 9, 12.NEMO HA, 6, 6, 13, NEMO HA, 6, 9, 14.NEMO HA, 6, 6, 15, NEMO HA, 6, 9, 16.NEMO HA, 6, 6, 17, NEMO HA, 6, 9, 2.NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 2.NEMO HA, 6, 7, 8, NEMO HA, 8, 1, 2.NEMO HA, 8, 1, 8, NEMO HA, 8, 1, 2.NEMO HA, 8, 1, 8, NEMO HA, 8, 1, 2.NEMO HA, 8, 1, 8, NEMO HA, 8, 1, 16,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
140.	Section	Section title	Item	Tunctional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO HA. 9. L. I'N NEMO HA. 9. 1. IR. NEMO HA. 9. L. IS NEMO HA. 9. 2. 20. NEMO HA. 9. L. 2 NEMO HA. 9. 1. 22. NEMO HA. 9. J. 2 NEMO HA. 9. 1. 24. NEMO HA. 9. J. 2 NEMO HA. 9. 1. 24. NEMO HA. 9. J. 2 NEMO HA. 9. 1. 26. NEMO HA. 9. L. 2 NEMO HA. 9. 1. 28. NEMO HA. 9. L. 2 NEMO HA. 9. 1. 28. NEMO HA. 9. L. 3 NEMO HA. 9. 1. 30. NEMO HA. 9. L. 3 NEMO HA. 9. 1. 30. NEMO HA. 9. J. 3 NEMO HA. 9. 1. 30.	
							A2	X	NEMO-HA_8_1_2.NEMO-HA_8_1_8.	Virtual Home link, IKE
									NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 19, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 22, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 25, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 20, 28, NEMO-HA, 9, 20, 28, NEMO-HA, 9, 20, 28, NEMO-HA, 9, 20, 28, NEMO-HA,	Virtual Home link, Network mobility(same HA)
									NEMO-HA, I, I, S.NEMO-HA, I, I, 6. NEMO-HA, I, I, T. NEMO-HA, 2, I, I, NEMO-HA, 2, I, 2. NEMO-HA, 2, I, S.NEMO-HA, 2, I, 4. NEMO-HA, 2, I, S.NEMO-HA, 2, I, 9. NEMO-HA, 2, I, J. S.NEMO-HA, 2, I, 15. NEMO-HA, 2, 2, 9. NEMO-HA, 2, 2, 10. NEMO-HA, 2, 2, 2, NEMO-HA, 2, 2, 10.	Real Home link
									NEMO HA. 2. 3. I. NEMO HA. 2. 3. 2. NEMO HA. 2. 3. 3. NEMO HA. 2. 3. 4. NEMO HA. 2. 5. I. NEMO HA. 2. 5. 2. NEMO HA. 2. 5. S. NEMO HA. 2. 5. 6. NEMO HA. 2. 5. S. NEMO HA. 2. 5. 6. NEMO HA. 2. 6. 3. NEMO HA. 2. 6. 4. NEMO HA. 2. 6. 5. NEMO HA. 2. 6. 6.	
									NEMO-HA 2.7.1.NEMO-HA 2.7.2. NEMO-HA 2.7.5.NEMO-HA 2.7.8. NEMO-HA 2.8.1.NEMO-HA 2.8.2. NEMO-HA 2.8.3.NEMO-HA 2.8.4. NEMO-HA 2.8.3.NEMO-HA 2.8.6.	
									NEMO-HA, 2, 9, 1, NEMO-HA, 2, 9, 2, NEMO-HA, 2, 9, 3, NEMO-HA, 2, 9, 4, NEMO-HA, 2, 10, 2, NEMO-HA, 2, 10, 3, NEMO-HA, 2, 10, 2, NEMO-HA, 2, 10, 2, NEMO-HA, 2, 10, 5, NEMO-HA, 2, 11, 4, NEMO-HA, 2, 11, 4, NEMO-HA, 2, 12, 1	
									NEMO-HA, 3,1,1,NEMO-HA, 3,1,2, NEMO-HA, 3,1,3,NEMO-HA, 3,1,4, NEMO-HA, 3,1,5,NEMO-HA, 3,1,6, NEMO-HA, 3,1,7,NEMO-HA, 3,1,8, NEMO-HA, 3,1,9,NEMO-HA, 3,1,1,0, NEMO-HA, 3,3,NEMO-HA, 3,3,2, NEMO-HA, 3,3,3,NEMO-HA, 3,3,4, NEMO-HA, 3,3,3,NEMO-HA, 3,3,4, NEMO-HA, 3,3,7,NEMO-HA, 3,3,6, NEMO-HA, 3,3,7,NEMO-HA, 3,3,6, NEMO-HA, 3,2,7,NEMO-HA, 3,3,8,	



Section		Item							
Section	Section title		Functional Specification	Status	1	Priority	Supported	Test No.	TEST Priority
								NEMO-HA, 3, 4, 3.NEMO-HA, 3, 4, 4, 1 NEMO-HA, 3, 4, 5.NEMO-HA, 3, 4, 6, 6 NEMO-HA, 3, 4, 7.NEMO-HA, 3, 4, 8, 1 NEMO-HA, 3, 4, 9.NEMO-HA, 3, 4, 10, 10 NEMO-HA, 3, 4, 11.NEMO-HA, 3, 4, 12, 10 NEMO-HA, 3, 4, 13.NEMO-HA, 3, 4, 14, 4, 14, 4, 14, 4, 14, 14, 14, 14	
								NEMO-HA. 4.2.3.NEMO-HA. 4.2.4. NEMO-HA. 4.2.5.NEMO-HA. 4.2.6. NEMO-HA. 4.2.7.NEMO-HA. 4.2.8. NEMO-HA. 4.2.9.NEMO-HA. 4.2.10. NEMO-HA. 4.2.11.NEMO-HA. 4.2.12. NEMO-HA. 4.2.13.NEMO-HA. 4.2.14.	
								NEMO-HA 4, 3, 3.NEMO-HA, 4, 3, 4, NEMO-HA, 4, 3, 5.NEMO-HA, 4, 3, 6, NEMO-HA, 4, 3, 7.NEMO-HA, 4, 3, 8, NEMO-HA, 4, 3, 9.NEMO-HA, 4, 3, 10, NEMO-HA, 4, 3, 11.NEMO-HA, 4, 3, 12, NEMO-HA, 4, 3, 13.NEMO-HA, 4, 3, 14,	
								NEMO-HA_4_4_3.NEMO-HA_4_4_4, NEMO-HA_4_4_5.NEMO-HA_4_4_6, NEMO-HA_4_4_7.NEMO-HA_4_4_8, NEMO-HA_4_4_9.NEMO-HA_4_4_13,	
								NEMO-HA_5_1_3.NEMO-HA_5_1_4. NEMO-HA_5_2_1.NEMO-HA_5_2_2. NEMO-HA_5_2_3.NEMO-HA_5_2_4. NEMO-HA_5_3_1.NEMO-HA_5_3_4. NEMO-HA_5_3_5.S.NEMO-HA_5_3_6.	
								NEMO-HA_5_4_5.NEMO-HA_5_4_6, NEMO-HA_5_4_7.NEMO-HA_5_4_8, NEMO-HA_5_4_9.NEMO-HA_5_4_10, NEMO-HA_5_4_11,	
								NEMO-HA_6_2_1.NEMO-HA_6_2_2, NEMO-HA_6_2_3.NEMO-HA_6_2_4, NEMO-HA_6_4_1.NEMO-HA_6_4_2, NEMO-HA_6_4_3.NEMO-HA_6_4_4, NEMO-HA_6_5_1.NEMO-HA_6_5_2,	
									Note that 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
110.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO-HA, 6, 6, 1.NEMO-HA, 6, 6, 2. NEMO-HA, 6, 6, 5.NEMO-HA, 6, 6, 8. NEMO-HA, 6, 6, 0.NEMO-HA, 6, 6, 18. NEMO-HA, 6, 6, 11. NEMO-HA, 6, 5, 11. NEMO-HA, 6, 5, 1. NEMO-HA, 6, 7, 1. NEMO-HA, 6, 7, 3. NEMO-HA, 6, 7, 5. NEMO-HA, 6, 7, 8. NEMO-HA, 8, 1, 1. NEMO-HA, 8, 1, 7. NEMO-HA, 8, 1, 15.	
									NEMO-HA, 9, 1, 1. NEMO-HA, 9, 1, 2, NEMO-HA, 9, 1, 3, NEMO-HA, 9, 1, 4, NEMO-HA, 9, 1, 6, NEMO-HA, 9, 1, 6, NEMO-HA, 9, 1, 6, NEMO-HA, 9, 1, 1, 1, NEMO-HA, 9, 1, NEMO-HA, 9, 1, NEMO-HA, 9, NEM	
										Real Home link, IKE
									NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA
									NEMO-HA, 9, 2, I.NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 4, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 6, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14,	Real Home link, Network mobility(same HA
27				o The Key Management Mobility Capability (K) bit is set if the following conditions are all fulfilled, and cleared otherwise: *1 The Key Management Mobility Capability (K) bit was set in the Binding Update. *2 The IPsec security associations between the mobile node and the home agent have been established dynamically. *3 The home agent has the capability to update its endpoint in the used key management protocol to the new care-of address every time it moves.	(do)	A	A2	x		Virtual Home link, IKE



NI-	RFC	RFC	T4	E	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	1	Priority	Supported	Test No.	TEST Priority
	Section	Section title		o The Key Management Mobility Capability (K) bit is set if the following conditions are all fulfilled, and cleared otherwise: *1 The Key Management Mobility Capability (K) bit was set in the Binding Update. *2 The IPsec security associations between the mobile node and the home agent have been established dynamically. *3 The home agent has the capability to update its endpoint in the used key management protocol to the new care-of address every time it moves.	(do)	A	A1	X	NEMOHA 2, 1, 5.NEMOHA 2, 1, 7. NEMOHA 2, 1, 18. NEMOHA 2, 2, 11. NEMOHA 2, 2, 12. NEMOHA 2, 2, 11. NEMOHA 2, 2, 14. NEMOHA 2, 2, 3.NEMOHA 2, 2, 4. NEMOHA 2, 2, 5.NEMOHA 2, 2, 8. NEMOHA 2, 2, 7.NEMOHA 2, 2, 8. NEMOHA 2, 8, 11. NEMOHA 2, 8, 8. NEMOHA 2, 8, 9. NEMOHA 2, 8, 12. NEMOHA 2, 8, 9. NEMOHA 2, 8, 12. NEMOHA 2, 8, 10. NEMOHA 2, 9, 12. NEMOHA 2, 9, 10. NEMOHA 2, 10, 11. NEMOHA 2, 10. NEMOHA 2, 10, 11. NEMOHA 2, 10. NEMOHA 2, 10, 11. NEMOHA 2, 11. NEMOHA 2, 10, 11. NEMOHA 2, 11. NEMOHA 2, 10, 11. NEMOHA 2, 11. NEMOHA 3, 1, 17. NEMOHA 2, 11. NEMOHA 3, 1, 17. NEMOHA 3, 1. NEMOHA 3, 1, 19. NEMOHA 3, 1. NEMOHA 3, 1, 19. NEMOHA 3, 1, 10. NEMOHA 3, 1, 10. NEMOHA 3, 2, 10. NEMOHA 3, 2, 8. NEMOHA 3, 3, 9. NEMOHA 3, 2, 8. NEMOHA 3, 3, 9. NEMOHA 3, 2, 8. NEMOHA 3, 3, 9. NEMOHA 3, 3, 10. NEMOHA 3, 3, 10. NEMOHA 3, 3, 10. NEMOHA 3, 3, 10. NEMOHA 3, 3, 12.	TEST Priority Real Home link, IKE Viratual Home link



NI	RFC	RFC	τ.	F .: 10 .: .:	RFC	Function	a TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	1	Priority		Test No.	TEST Priority
									NEMO-HA, 5, 4, 3, NEMO-HA, 5, 4, 4, NEMO-HA, 5, 4, 12, NEMO-HA, 5, 4, 12, NEMO-HA, 5, 4, 13, NEMO-HA, 5, 4, 14, NEMO-HA, 5, 4, 15, NEMO-HA, 5, 4, 16, NEMO-HA, 5, 4, 17, NEMO-HA, 5, 4, 17, NEMO-HA, 5, 4, 17, NEMO-HA, 5, 5, 4, NEMO-HA, 5, 5, 6, NEMO-HA, 5, 5, 4, NEMO-HA, 5, 5, 6, NEM	, and the second
									NEMO-HA, 6,1,3,NEMO-HA, 6,1,4, NEMO-HA, 6,4,5,NEMO-HA, 6,4,6, NEMO-HA, 6,4,7,NEMO-HA, 6,4,8, NEMO-HA, 6,5,5,NEMO-HA, 6,5,6, NEMO-HA, 6,5,7,NEMO-HA, 6,5,8,	
									NEMO-HA, 8, 6, 3. NEMO-HA, 8, 6, 4. NEMO-HA, 6, 9, 12. NEMO-HA, 6, 6, 13. NEMO-HA, 6, 9, 11. NEMO-HA, 6, 6, 15. NEMO-HA, 6, 9, 16. NEMO-HA, 6, 6, 17. NEMO-HA, 6, 9, 18. NEMO-HA, 6, 7, 2. NEMO-HA, 6, 7, 4. NEMO-HA, 6, 7, 17. NEMO-HA, 6, 7, 8. NEMO-HA, 8, 1, 2. NEMO-HA, 8, 1, 8. NEMO-HA, 8, 1, 2. NEMO-HA, 8, 1, 8. NEMO-HA, 8, 1, 18.	
									NEMO HA. 9. 1. 17 NEMO HA. 9. 1. 18. NEMO HA. 9. 1. 18 NEMO HA. 9. 1. 20. NEMO HA. 9. 1. 21. NEMO HA. 9. 1. 22. NEMO HA. 9. 1. 22. NEMO HA. 9. 1. 24. NEMO HA. 9. 1. 22. NEMO HA. 9. 1. 26. NEMO HA. 9. 1. 27. NEMO HA. 9. 1. 28. NEMO HA. 9. 1. 20. NEMO HA. 9. 1. 30. NEMO HA. 9. 1. 31. NEMO HA. 9. 1. 30. NEMO HA. 9. 1. 31. NEMO HA. 9. 1. 32.	
									NEMO HA, 9, 2, 15 NEMO HA, 9, 2, 16, NEMO HA, 9, 2, 17 NEMO HA, 9, 2, 18, NEMO HA, 9, 2, 10 NEMO HA, 9, 2, 20, NEMO HA, 9, 2, 21 NEMO HA, 9, 2, 22, NEMO HA, 9, 2, 23 NEMO HA, 9, 2, 24, NEMO HA, 9, 2, 27 NEMO HA, 9, 2, 28, NEMO HA, 9, 2, 27 NEMO HA, 9, 2, 28,	
							A2	X		Virtual Home link, IKE
									NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO-HA, J. J. S. NEMO-HA, J. L. B. NEMO-HA, J. J. NEMO-HA, Z. J. Z. NEMO-HA, Z. J. J. NEMO-HA, Z. J. Z. NEMO-HA, Z. J. J. NEMO-HA, Z. J. J. J. A. NEMO-HA, Z. J. B. NEMO-HA, Z. J. J. S. NEMO-HA, Z. J. B. NEMO-HA, Z. J. J. S. NEMO-HA, Z. J. S. NEMO-HA, Z. Z. J. S. NEMO-HA, Z. Z. J. S.	Real Home link
									NEMO HA, 2, 3, 1. NEMO HA, 2, 3, 2, NEMO HA, 2, 3, 3. NEMO HA, 2, 5, 4, NEMO HA, 2, 5, 1, NEMO HA, 2, 5, 6, NEMO HA, 2, 5, 6, NEMO HA, 2, 6, 1, NEMO HA, 2, 6, 2, NEMO HA, 2, 6, 1, NEMO HA, 2, 6, 2, NEMO HA, 2, 6, 1, NEMO HA, 2, 6, 6, NEMO HA, 2, 6, 8, NEMO HA, 2, 8, 8, NEMO HA, 2,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
110.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO-HA_2_7_1,NEMO-HA_2_7_2, NEMO-HA_2_7_5,NEMO-HA_2_7_6, NEMO-HA_2_8_1,NEMO-HA_2_8_2,	
									NEMO-HA_2_8_3,NEMO-HA_2_8_4, NEMO-HA_2_8_5,NEMO-HA_2_8_6, NEMO-HA_2_9_1,NEMO-HA_2_9_2,	
									NEMO-HA_2_9_3,NEMO-HA_2_9_4, NEMO-HA_2_9_5,	
									NEMO-HA_2_10_2.NEMO-HA_2_10_3, NEMO-HA_2_10_4.NEMO-HA_2_10_5, NEMO-HA_2_10_6,	
									NEMO-HA_2_11_4, NEMO-HA_2_12_1,	
									NEMO-HA_3_1_1,NEMO-HA_3_1_2,	
									NEMO-HA_3_1_3,NEMO-HA_3_1_4, NEMO-HA_3_1_5,NEMO-HA_3_1_6,	
									NEMO-HA_3_1_7,NEMO-HA_3_1_8, NEMO-HA_3_1_9,NEMO-HA_3_1_10, NEMO-HA_3_3_1,NEMO-HA_3_3_2,	
									NEMO-HA_3_3_3,NEMO-HA_3_3_4, NEMO-HA_3_3_5,NEMO-HA_3_3_6,	
									NEMO-HA_3_3_7,NEMO-HA_3_3_8,	
									NEMO-HA_3_4_1,NEMO-HA_3_4_2, NEMO-HA_3_4_3,NEMO-HA_3_4_4,	
									NEMO-HA_3_4_5,NEMO-HA_3_4_6, NEMO-HA_3_4_7,NEMO-HA_3_4_8, NEMO-HA_3_4_9,NEMO-HA_3_4_10,	
									NEMO-HA_3_4_11,NEMO-HA_3_4_12, NEMO-HA_3_4_13,NEMO-HA_3_4_14,	
									NEMO-HA_3_4_15,	
									NEMO-HA_4_2_1,NEMO-HA_4_2_2, NEMO-HA_4_2_3,NEMO-HA_4_2_4, NEMO-HA_4_2_5,NEMO-HA_4_2_6,	
									NEMO-HA_4_2_7,NEMO-HA_4_2_8, NEMO-HA_4_2_9,NEMO-HA_4_2_10,	
									NEMO-HA_4_2_11,NEMO-HA_4_2_12, NEMO-HA_4_2_13,NEMO-HA_4_2_14, NEMO-HA_4_2_15,NEMO-HA_4_2_16,	
									NEMO-HA_4_3_1,NEMO-HA_4_3_2, NEMO-HA_4_3_3,NEMO-HA_4_3_4, NEMO-HA_4_3_5,NEMO-HA_4_3_6,	
									NEMO-HA_4_3_7,NEMO-HA_4_3_8, NEMO-HA_4_3_9,NEMO-HA_4_3_10, NEMO-HA_4_3_11,NEMO-HA_4_3_12,	
									NEMO-HA_4_3_11,NEMO-HA_4_3_12, NEMO-HA_4_3_13,NEMO-HA_4_3_14, NEMO-HA_4_3_15,NEMO-HA_4_3_16,	
									NEMO-HA_4_4_1,NEMO-HA_4_4_2,	
									NEMO-HA_4_4_3,NEMO-HA_4_4_4, NEMO-HA_4_4_5,NEMO-HA_4_4_6,	
									NEMO-HA_4_4_7,NEMO-HA_4_4_8, NEMO-HA_4_4_9,NEMO-HA_4_4_13, NEMO-HA_4_4_14,NEMO-HA_4_4_15,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona			Test PROFILE	Reason of
140.	Section	Section title	rem	r unctional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO+HA, 5.1, INEMO+HA, 5.1, 2 NEMO+HA, 5.1, 3NEMO+HA, 5.2, 1.4 NEMO+HA, 5.2, 3NEMO+HA, 5.2, 2.4 NEMO+HA, 5.3, 3NEMO+HA, 5.2, 4. NEMO+HA, 5.3, 1.NEMO+HA, 5.3, 4. NEMO+HA, 5.3, 5NEMO+HA, 5.3, 6. NEMO+HA, 5.3, 5NEMO+HA, 5.3, 6.	
									NEMO HA, 5, 4, 1.NEMO HA, 5, 4, 2, NEMO HA, 5, 4, 5.NEMO HA, 5, 4, 6, NEMO HA, 5, 4, 7.NEMO HA, 5, 4, 8, NEMO HA, 5, 4, 9.NEMO HA, 5, 4, 10, NEMO HA, 5, 11, NEMO HA, 5, 5, 3,	
									NEMO-HA, 6, 1, 1, NEMO-HA, 6, 1, 2, NEMO-HA, 6, 2, 1, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 3, NEMO-HA, 6, 2, 4, NEMO-HA, 6, 1, 1, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 1, 1, NEMO-HA, 6, 5, 2, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 2, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 4,	
									NEMO HA, 8, 8, 1, NEMO HA, 8, 8, 2, NEMO HA, 8, 8, 5, NEMO HA, 8, 8, 5, NEMO HA, 8, 8, 8, NEMO HA, 8, 8, 8, NEMO HA, 8, 8, 8, NEMO HA, 8, 8, 9, NEMO HA, 8, 8, 10, NEMO HA, 8, 8, 11, NEMO HA, 8, 1, 1, NEMO HA, 8, 7, 1, NEMO HA, 8, 7, 1, NEMO HA, 8, 7, 1, NEMO HA, 8, 1, NEMO	
									NEMO HA. 9. J. I.NEMO HA. 9. J. 2. NEMO HA. 9. J. 3. NEMO HA. 9. J. 4. NEMO HA. 9. J. 5. NEMO HA. 9. J. 8. NEMO HA. 9. J. 7. NEMO HA. 9. J. 1. 8. NEMO HA. 9. J. PARMO HA. 9. J. 10. NEMO HA. 9. J. 11. NEMO HA. 9. J. 14. NEMO HA. 9. J. 13. NEMO HA. 9. J. 14. NEMO HA. 9. J. 13. NEMO HA. 9. J. 16.	
									NEMO-HA, 9, 2, 1, NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 4, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 8, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 2, NEMO	
										Real Home link, IKE
									NEMO-HA_8_1_1.NEMO-HA_8_1_7. NEMO-HA_8_1_15.	Real Home link, MPS/MPA



No.	RFC	RFC	Item	Functional Specification		Functiona	TEST		Test PROFILE	Reason of
	Section	Section title		-		Ι			Test No.	J
	Section	Section title		Depending on the final value of the bit in the Binding Acknowledgement, the home agent SHOULD perform the following actions: $K=0$ Discard key management connections, if any, to the old care-of address. If the mobile node did not have a binding before sending this Binding Update, discard the connections to the home address. $K=1$ Move the peer endpoint of the key management protocol connection, if any, to the new care-of address. For an IKE phase 1 connection, this means that any IKE packets sent to the peer are sent to this address, and packets from this address with the original ISAKMP cookies are accepted.	SHOULD	A	A2	X X		TEST Priority Virtual Home link, IKE Real Home link, IKE
28				Depending on the final value of the bit in the Binding Acknowledgement, the home agent SHOULD perform the following actions: K = 0 Discard key management connections, if any, to the old care-of address. If the mobile node did not have a binding before sending this Binding Update, discard the connections to the home address.	SHOULD	A	Al	x	NEMO HA. 2. L.S.NEMO HA. 2. L.7. NEMO HA. 2. L. S.NEMO HA. 2. L.1. NEMO HA. 2. 2. L. NEMO HA. 2. 2. L. NEMO HA. 2. 2. S.NEMO HA. 2. 5. 4. NEMO HA. 2. S. S.NEMO HA. 2. 5. 8. NEMO HA. 2. S. S.NEMO HA. 2. 5. 8. NEMO HA. 2. S. S.NEMO HA. 2. 6. 10. NEMO HA. 2. S. S.NEMO HA. 2. 6. 10. NEMO HA. 2. 6. J. L. NEMO HA. 2. 6. 12.	Viratual Home link



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
110.	Section	Section title	reem		Status	l	Priority	Supported	Test No.	TEST Priority
				K=1 Move the peer endpoint of the key management protocol connection, if any, to the new care-of address. For an IKE phase 1 connection, this means that any IKE packets sent to the peer are sent to this address, and packets from this address with the original ISAKMP cookies are accepted.					NEMO HA. 2, 7, 3, NEMO HA. 2, 7, 4, NEMO HA. 2, 7, 18, NEMO HA. 2, 7, 18, NEMO HA. 2, 8, NEMO HA. 2, 8, 18, NEMO HA. 2, 8, 19, NEMO HA. 2, 8, 10, NEMO HA. 2, 8, 11, NEMO HA. 2, 8, 12, NEMO HA. 2, 8, 11, NEMO HA. 2, 9, 12, NEMO HA. 2, 9, 13, NEMO HA. 2, 9, 14, NEMO HA. 2, 9, 13, NEMO HA. 2, 9, 14, NEMO HA. 2, 10, 10, NEMO HA. 2, 10, 10, NEMO HA. 2, 10, 11, NEMO HA. 2, 10, 12, NEMO HA. 2, 10, 12, NEMO HA. 2, 10, 11, NEMO HA. 2, 10, 12, NEMO HA. 2, 12, 14, NEMO HA. 2, 12, 4, NEMO HA. 2, 12, 4,	
									NEMO HA. 3. L. I.I.NEMO HA. 3. L. 12. NEMO HA. 3. L. I. ENEMO HA. 3. L. 17. NEMO HA. 3. L. I. ENEMO HA. 3. L. 18. NEMO HA. 3. L. I. S. I. E. I.	
									NEMO HA. 5. 4. 3.NEMO HA. 5. 4. 4. NEMO HA. 5. 4. 12.NEMO HA. 5. 4. 13. NEMO HA. 5. 4. 14.NEMO HA. 5. 4. 15. NEMO HA. 5. 4. 16.NEMO HA. 5. 4. 17. NEMO HA. 5. 4. 18. NEMO HA. 5. 4. 17. NEMO HA. 5. 4. 18. NEMO HA. 5. 5. 4. NEMO HA. 5. 5. 6.	
									NEMO-HA. 6. 1. 3 NEMO-HA. 6. 1. 4. NEMO-HA. 6. 4. 5 NEMO-HA. 6. 4. 6. NEMO-HA. 6. 4. 7. NEMO-HA. 6. 4. 8. NEMO-HA. 6. 5. NEMO-HA. 6. 5. 6. NEMO-HA. 6. 5. 7. NEMO-HA. 6. 5. 8.	
									NEMO HA. 8, 8.3 NEMO HA. 8, 8, 4, NEMO HA. 8, 8, 12 NEMO HA. 8, 8, 12 NEMO HA. 8, 9, 13, NEMO HA. 8, 8, 11, NEMO HA. 8, 8, 16, NEMO HA. 8, 8, 17, NEMO HA. 8, 8, 18, NEMO HA. 8, 7, 2, NEMO HA. 8, 1, 1, 8, NEMO HA. 8, 1, 1, 18, NEMO HA. 8, NEMO HA. 8, 18, NEMO HA. 8, NEM	
									NEMO-HA, 9, 1, 17 NEMO-HA, 9, 1, 18, NEMO-HA, 9, 1, 19 NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 22, NEMO-HA, 9, 1, 22, NEMO-HA, 9, 1, 24, NEMO-HA, 9, 1, 25, NEMO-HA, 9, 1, 26, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1,	
							A2	Х		Virtual Home link, IKE
									NEMO-HA_8_1_2.NEMO-HA_8_1_8. NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
110.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO-HA, 9, 2, 18. NEMO-HA, 9, 2, 18. NEMO-HA, 9, 2, 19. NEMO-HA, 9, 2, 2, 18. NEMO-HA, 9, 2, 10. NEMO-HA, 9, 2, 20. NEMO-HA, 9, 2, 21. NEMO-HA, 9, 2, 22. NEMO-HA, 9, 2, 21. NEMO-HA, 9, 2, 24. NEMO-HA, 9, 2, 23. NEMO-HA, 9, 2, 26. NEMO-HA, 9, 2, 27. NEMO-HA, 9, 2, 28. NEMO-HA, 9, 2, 27. NEMO-HA, 9, 2, 28.	Virtual Home link, Network mobility(same HA)
									NEMO-HA_1_1,5.NEMO-HA_1_1,6. NEMO-HA_1_1,7. NEMO-HA_2_1,1.NEMO-HA_2_1,2. NEMO-HA_2_1,3.NEMO-HA_2_1,4. NEMO-HA_2_1,6.NEMO-HA_2_1,9. NEMO-HA_2_1,6.NEMO-HA_2_1,5. NEMO-HA_2_1,5.NEMO-HA_2_1,15. NEMO-HA_2_1,5.NEMO-HA_2_2_10. NEMO-HA_2_2_3.NEMO-HA_2_2_10.	Real Home link
									NEMO HA, 2, 3, 1, NEMO HA, 2, 3, 2, NEMO HA, 2, 3, 3, NEMO HA, 2, 3, 4, NEMO HA, 2, 5, 1, NEMO HA, 2, 6, NEMO HA, 2, 6, 1, NEMO HA, 2, 1,	
									NEMO-HA, 2, 7, 1, NEMO-HA, 2, 7, 2, NEMO-HA, 2, 7, 1, NEMO-HA, 2, 7, 6, NEMO-HA, 2, 8, 1, NEMO-HA, 2, 8, 2, NEMO-HA, 2, 8, 1, NEMO-HA, 2, 9, 1, NEMO-HA, 2, 10, 2, NEMO-HA, 2, 10, 1, NEMO-HA, 2, 11, 1, NEMO-HA, 2, 11, 1, NEMO-HA, 2, 11, 1, NEMO-HA, 2, 12, 1, NEMO-HA, 2	
									NEMO-HA, 3, 1, 1.NEMO-HA, 3, 1, 4, NEMO-HA, 3, 1, 1, NEMO-HA, 3, 1, 1, 6, NEMO-HA, 3, 1, 1, 6, NEMO-HA, 3, 1, 1, 1, 0, NEMO-HA, 3, 1, 1, 1, 0, NEMO-HA, 3, 1, 2, 1, 1, 0, NEMO-HA, 3, 3, 1, 1, NEMO-HA, 3, 3, 3, 4, NEMO-HA, 3, 3, 1, NEMO-HA, 1	
									NEMO-HA, 3,4,1.NEMO-HA, 3,4,2, NEMO-HA, 3,4,3.NEMO-HA, 3,4,6, NEMO-HA, 3,4,5.NEMO-HA, 3,4,6, NEMO-HA, 3,4,9.NEMO-HA, 3,4,10, NEMO-HA, 3,4,11.NEMO-HA, 3,4,12, NEMO-HA, 3,4,11.NEMO-HA, 3,4,14, NEMO-HA, 3,4,15.NEMO-HA, 3,4,14, NEMO-HA, 3,4,15.NEMO-HA, 3,4,14, NEMO-HA, 3,4,15,NEMO-HA, 3,4,14,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona			Test PROFILE	Reason of
110.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported		TEST Priority
									NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 2, NEMO-HA, 2, 3, NEMO-HA, 4, 2, 4, NEMO-HA, 2, 5, NEMO-HA, 4, 2, 6, NEMO-HA, 4, 2, 7, NEMO-HA, 4, 2, 18, NEMO-HA, 4, 2, 9, NEMO-HA, 4, 2, 10, NEMO-HA, 2, 1, 11, NEMO-HA, 4, 2, 12,	
									NEMO-HA, 4, 2, 13. NEMO-HA, 4, 2, 14. NEMO-HA, 4, 2, 15. NEMO-HA, 4, 2, 16. NEMO-HA, 4, 3, 1. NEMO-HA, 4, 3, 2. NEMO-HA, 4, 3, 3. NEMO-HA, 4, 3, 4. NEMO-HA, 4, 3, 3. NEMO-HA, 4, 3, 6.	
									NEMO-HA, 4,3,7 NEMO-HA, 4,3,8, NEMO-HA, 4,3,9 NEMO-HA, 4,3,10, NEMO-HA, 4,3,11 NEMO-HA, 4,3,12, NEMO-HA, 4,3,13 NEMO-HA, 4,3,14, NEMO-HA, 4,3,15 NEMO-HA, 4,3,16,	
									NEMO-HA, 4, 4, 1.NEMO-HA, 4, 4, 2, NEMO-HA, 4, 4, 3.NEMO-HA, 4, 4, 4, NEMO-HA, 4, 4, 5.NEMO-HA, 4, 4, 6, NEMO-HA, 4, 4, 7.NEMO-HA, 4, 4, 13, NEMO-HA, 4, 4, 9.NEMO-HA, 4, 13, NEMO-HA, 4, 14.NEMO-HA, 4, 15,	
									NEMO-HA, 5, 1, 1.NEMO-HA, 5, 1, 2, NEMO-HA, 5, 1, 3, NEMO-HA, 5, 1, 4, 1, 4, 1, 4, 1, 4, 1, 4, 1, 4, 1, 4, 1, 4, 1, 4, 1, 4, 4, 1, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	
									NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 2, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 6, NEMO-HA, 5, 4, 9, NEMO-HA, 5, 4, 10, NEMO-HA, 5, 4, 11, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 3, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 3, NEMO-HA, 5, 5, 5, 3, NEMO-HA, 5, 5, 5, 3, NEMO-HA, 5, 5, 5, 5, 3, NEMO-HA, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,	
									NEMO HA 8, 1, 1 NEMO HA 8, 1, 2 NEMO HA 8, 2, 1 NEMO HA 8, 2, 2 NEMO HA 8, 2, 3 NEMO HA 8, 2, 4 NEMO HA 8, 4, 1, NEMO HA 8, 2, 4, 2 NEMO HA 8, 4, 3, NEMO HA 8, 4, 4, 2 NEMO HA 8, 4, 3, NEMO HA 8, 5, 2, NEMO HA 8, 5, 3, NEMO HA 8, 5, 2, NEMO HA 8, 5, 3, NEMO HA 8, 5, 4,	
									NEMO-HA, 8, 8, 1.NEMO-HA, 8, 8, 2, NEMO-HA, 8, 6, 5.NEMO-HA, 8, 8, 8, NEMO-HA, 8, 6, 9.NEMO-HA, 8, 8, 8, NEMO-HA, 8, 6, 9.NEMO-HA, 8, 8, 10, NEMO-HA, 8, 1, 1.NEMO-HA, 6, 7, 3, NEMO-HA, 8, 7, 5.NEMO-HA, 6, 7, 6, NEMO-HA, 8, 1, 1.NEMO-HA, 8, 1, 7, NEMO-HA, 8, 1, 1.NEMO-HA, 8, 1, 7, NEMO-HA, 8, 1, 1.NEMO-HA, 8, 1, 7, NEMO-HA, 8, 1, 1.	



No	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l		Supported	Test No.	TEST Priority
									NEMO 14.0, 1. I.NEMO 14.0, 9.1.2. NEMO 14.0, 9.1.3. NEMO 14.0, 9.1.4. NEMO 14.0, 9.1.5. NEMO 14.0, 9.1.6. NEMO 14.0, 9.1.7. NEMO 14.0, 9.1.8. NEMO 14.0, 9.1.7. NEMO 14.0, 9.1.0. NEMO 14.0, 9.1.1. NEMO 14.0, 9.1.12. NEMO 14.0, 9.1.1. NEMO 14.0, 9.1.14. NEMO 14.0, 9.1.15. NEMO 14.0, 9.1.14.	
										Real Home link, IKE
									NEMO-HA_8_1_1.NEMO-HA_8_1_7, NEMO-HA_8_1_15.	Real Home link, MPS/MPA
									NEMO HA, 9, 2, INEMO HA, 9, 2, 2, NEMO HA, 9, 2, 4, NEMO HA, 9, 2, 5, NEMO HA, 9, 2, 6, NEMO HA, 9, 2, 6, NEMO HA, 9, 2, 6, NEMO HA, 9, 2, 10, NEMO HA, 9, 2, 10, NEMO HA, 9, 2, 10, NEMO HA, 9, 2, 11, NEMO HA, 9, 2, 12, NEMO HA, 9, 2, 13, NEMO HA, 9, 2, 14, NEMO HA, 9, 2, 13, NEMO HA, 9, 2, 14, NEM	Real Home link, Network mobility(same HA)
29				oThe Sequence Number field MUST be copied from the Sequence Number given in the Binding Update.	MUST	A	A1	X	NEMO HA. 2.1. S.NEMO HA. 2.1. 7. NEMO HA. 2.1. 8. NEMO HA. 2.2. 4. NEMO HA. 2.2. 5. NEMO HA. 2.5. 3. NEMO HA. 2.5. 5. NEMO HA. 2.5. NEMO HA. 2.5. 8. NEMO HA. 2.5. 7. NEMO HA. 2.5. 8. NEMO HA. 2.7. 3. NEMO HA. 2.7. 4. NEMO HA. 2.7. 3. NEMO HA. 2.7. 8. NEMO HA. 2.9. 1. NEMO HA. 2.9. 12. NEMO HA. 2.9. 1. S.NEMO HA. 2.9. 14. NEMO HA. 2.9. 1. S.NEMO HA. 2.9. 14. NEMO HA. 2.9. 15.	Virtual Home link
									NEMO HA, 2, 10, 7.NEMO HA, 2, 10, 8. NEMO HA, 2, 10, 9.NEMO HA, 2, 10, 10. NEMO HA, 2, 10, 11.NEMO HA, 2, 10, 12. NEMO HA, 2, 11, 11.NEMO HA, 2, 11, 12. NEMO HA, 2, 11, 12. NEMO HA, 2, 11, 13. NEMO HA, 2, 11, 21. NEMO HA, 2, 11, 24. NEMO HA, 2, 12, 4. NEMO HA,	
									NEMO HA.3.1.11.NEMO HA.3.1.12. NEMO HA.3.2.11.NEMO HA.3.2.12. NEMO HA.3.4.16.NEMO HA.3.4.17. NEMO HA.3.4.18.NEMO HA.3.4.19. NEMO HA.3.4.20.	
									NEMO HA. 5.1, S.NEMO HA. 5.1, 6, NEMO HA. 5.1, 7, NEMO HA. 5.2, S.NEMO HA. 5.2, 6, NEMO HA. 5.2, S.NEMO HA. 5.2, 8, NEMO HA. 5.2, S.NEMO HA. 5.2, 10, NEMO HA. 5.3, 12, NEMO HA. 5.3, 12, NEMO HA. 5.4, 13, NEMO HA. 5.4, 12, NEMO HA. 5.4, 13, NEMO HA. 5.4, 14, NEMO HA. 5.4, 15, NEMO HA. 5.4, 16, NEMO HA. 5.4, 15, NEMO HA. 5.4, 16, NEMO HA. 5.4, 17, NEMO HA. 5.4, 16, NEMO HA. 5.4, 18, NEMO HA. 5.4, 18, NEMO HA. 5.5, 6,	



RFC	RFC	Item	Functional Specification	RFC				Test PROFILE	Reason of
Section	Section title	Hem	runcuonai specification	Status	l	Priority	Supported	Test No.	TEST Priority
								NEMO-HA, 6, 4, 7.NEMO-HA, 6, 4, 8, NEMO-HA, 6, 5, 0. NEMO-HA, 6, 5, 0. NEMO-HA, 6, 5, 5, NEMO-HA, 6, 5, 7.NEMO-HA, 6, 6, 4, NEMO-HA, 6, 6, 12.NEMO-HA, 6, 6, 13, NEMO-HA, 6, 6, 14.NEMO-HA, 6, 6, 14.NEMO-HA, 6, 6, 15, NEMO-HA, 6, 6, 16.NEMO-HA, 6, 6, 17, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 18, NEMO-HA, 6, 7, 4, NEMO-HA, 6, 7, 2, NEMO-HA, 6, 7, 4, NEMO-HA, 6, NEMO	
								NEMO-HA. 9.1. 19.NEMO-HA. 9.1. 20. NEMO-HA. 9.1. 23.NEMO-HA. 9.1. 22. NEMO-HA. 9.1. 23.NEMO-HA. 9.1. 24. NEMO-HA. 9.1. 25.NEMO-HA. 9.1. 26. NEMO-HA. 9.1. 27.NEMO-HA. 9.1. 28. NEMO-HA. 9.1. 29.NEMO-HA. 9.1. 30.	
						A2	X	NEWO HA O 1 ONEMO HA O 1 O	Virtual Home link, IKE
								NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
								NEMO-HA_9_2_17.NEMO-HA_9_2_18, NEMO-HA_9_2_19.NEMO-HA_9_2_20, NEMO-HA_9_2_21.NEMO-HA_9_2_22, NEMO-HA_9_2_23.NEMO-HA_9_2_24,	Virtual Home link, Network mobility(same HA
								NEMO-HA_2_1_3,NEMO-HA_2_1_4,	Real Home link
								NEMO-HA, 2.3, 1, NEMO-HA, 2.3, 2, NEMO-HA, 2.3, 3, NEMO-HA, 2.3, 3, NEMO-HA, 2.4, 2, NEMO-HA, 2.4, 1, NEMO-HA, 2.4, 2, NEMO-HA, 2.4, 3, NEMO-HA, 2.4, 4, NEMO-HA, 2.4, 5, NEMO-HA, 2.4, 5, NEMO-HA, 2.5, 1, NEMO-HA, 2.7, 1, NEMO-HA, 2.7, 1, NEMO-HA, 2.7, 2, NEMO-H	
							Section title Runctional Specification Status 1 Priority	Section title Section title Appropriate Status 1 Priority Supported Status 1 Priority Supported A2 X	Section title



NI-	RFC	RFC	Th	Emplimed Constitution	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l		Supported	Test No.	TEST Priority
									NEMO HA. 2 9 1, NEMO HA. 2 9 2. NEMO HA. 2 9 3, NEMO HA. 2 9 3. NEMO HA. 2 9 3, NEMO HA. 2 9 4. NEMO HA. 2 10 1, NEMO HA. 2 10 2. NEMO HA. 2 10 1, NEMO HA. 2 10 4. NEMO HA. 2 10 1, NEMO HA. 2 10 4. NEMO HA. 2 11, NEMO HA. 2 11 2. NEMO HA. 2 11, NEMO HA. 2 11 2. NEMO HA. 2 11, NEMO HA. 2 11 4. NEMO HA. 2 11, 13, NEMO HA. 2 11 4. NEMO HA. 2 11, 13, NEMO HA. 2 11, 14. NEMO HA. 2 11, 13, NEMO HA. 2 11, 18. NEMO HA. 2 11, 19, NEMO HA. 2 11, 18. NEMO HA. 2 11, 19, NEMO HA. 2 11, 18. NEMO HA. 2 11, 19, NEMO HA. 2 12, 3.	
									NEMO HA, 3,1,1,NEMO HA, 3,1,2, NEMO HA, 3,1,3,NEMO HA, 3,1,4, NEMO HA, 3,1,0,NEMO HA, 3,1,6, NEMO HA, 3,1,0,NEMO HA, 3,1,6, NEMO HA, 3,2,0,NEMO HA, 3,2,6, NEMO HA, 3,2,0,NEMO HA, 3,2,6, NEMO HA, 3,2,0,NEMO HA, 3,2,6, NEMO HA, 3,2,0,NEMO HA, 3,2,8, NEMO HA, 3,2,0,NEMO HA, 3,2,8, NEMO HA, 3,2,0,NEMO HA, 3,2,8, NEMO HA, 3,2,0,NEMO HA, 3,2,10,	
									NEMO HA, 3, 3, 1 NEMO HA, 3, 3, 2, NEMO HA, 3, 3, 4, NEMO HA, 3, 3, 0, NEMO HA, 3, 3, 4, NEMO HA, 3, 3, 7, NEMO HA, 3, 3, 8, NEMO HA, 3, 3, 1, NEMO HA, 3, 4, 2, NEMO HA, 3, 4, 1, NEMO HA, 3, 4, 2, 4, 2, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	
									NEMO-HA, 3.4, I. NEMO-HA, 3.4, 2. NEMO-HA, 3.4, S. NEMO-HA, 3.4, 6. NEMO-HA, 3.4, S. NEMO-HA, 3.4, 6. NEMO-HA, 3.4, S. NEMO-HA, 3.4, 8. NEMO-HA, 3.4, S. NEMO-HA, 3.4, 10. NEMO-HA, 3.4, I. I. NEMO-HA, 3.4, 12. NEMO-HA, 3.4, I. S. NEMO-HA, 3.4, 14. NEMO-HA, 3.4, I. S. NEMO-HA, 3.4, 14.	
									NEMO HA, 4, 1, 1 NEMO HA, 4, 1, 2, NEMO HA, 4, 1, 3, NEMO HA, 4, 2, 1, NEMO HA, 4, 2, 2, NEMO HA, 4, 2, 2, NEMO HA, 4, 2, 2, NEMO HA, 4, 2, 5, NEMO HA, 4, 2, 6, NEMO HA, 4, 2, 1, NEMO HA, 4, 2, NEMO HA	
									NEMO HA, 4, 3, 1, NEMO HA, 4, 3, 2, NEMO HA, 4, 3, 4, NEMO HA, 4, 3, 4, NEMO HA, 4, 3, 4, NEMO HA, 4, 3, 6, NEMO HA, 4, 3, 10, NEMO HA, 4, 3, 10, NEMO HA, 4, 3, 10, NEMO HA, 4, 3, 11, NEMO HA, 4, 3, 11, NEMO HA, 4, 3, 11, NEMO HA, 4, 3, 12, NEMO HA, 4, 4, NEMO HA, 4, 4, NEMO HA, 4, 4, NEMO HA, 4, 4, 8, NEMO HA, 4, 4, 8, NEMO HA, 4, 4, 8, NEMO HA, 4, 4, 18, NEMO HA, 4, 4, 8, NEMO HA, 4, 4, 18, NEMO HA, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	
									promote complete to the transfer to the transf	



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona			Test PROFILE	Reason of
110.	Section	Section title	Item	runctional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO HA. 5.1.1 NEMO HA. 5.1.2 NEMO HA. 5.1.3 NEMO HA. 5.1.4 NEMO HA. 5.2.2 NEMO HA. 5.2.2 NEMO HA. 5.2.3 NEMO HA. 5.2.4 NEMO HA. 5.3.3 NEMO HA. 5.3.4 NEMO HA. 5.3.3 NEMO HA. 5.3.6 NEMO HA. 5.3.3 NEMO HA. 5.3.6	
									NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 2, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 6, NEMO-HA, 5, 4, 7, NEMO-HA, 5, 4, 8, NEMO-HA, 5, 4, 9, NEMO-HA, 5, 4, 10, NEMO-HA, 5, 11, NEMO-HA, 5, 5, 3,	
									NEMO HA, 6,1,1,NEMO HA, 6,1,2, NEMO HA, 6,2,1,NEMO HA, 6,2,2, NEMO HA, 6,2,3,NEMO HA, 6,2,4, NEMO HA, 6,4,1,NEMO HA, 6,4,2, NEMO HA, 6,4,3,NEMO HA, 6,4,4, NEMO HA, 6,5,3,NEMO HA, 6,5,2, NEMO HA, 6,5,3,NEMO HA, 6,5,2, NEMO HA, 6,5,3,NEMO HA, 6,5,4,	
									NEMO-HA, 6, 8, 1, NEMO-HA, 6, 6, 2, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, 8, NEMO-HA, 6, 6, 8, NEMO-HA, 6, 6, 10, NEMO-HA, 6, 6, 10, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 7, 1, NEMO-HA, 6, 7, 1, NEMO-HA, 6, 7, 1, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 6, NEMO-HA, 6, 7, 8, NEMO-HA,	
									NEMO-HA, 9, 1, 1, NEMO-HA, 9, 1, 2, NEMO-HA, 9, 1, 3, NEMO-HA, 9, 1, 4, NEMO-HA, 9, 1, 5, NEMO-HA, 9, 1, 6, NEMO-HA, 9, 1, 7, NEMO-HA, 9, 1, 7, NEMO-HA, 9, 1, 1, 8, NEMO-HA, 9, 1, 7, NEMO-HA, 9, 1, 1, 1, NEMO-HA, 9, NEM	
									NEMO-HA_8_1_1.NEMO-HA_8_1_7. NEMO-HA_8_1_15.	Real Home link, IKE Real Home link, MPS/MPA
									NEMO-HA, 9, 2, 1.NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 4, 8, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 8, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 8, NEMO-HA, 9, 2, 9, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 16, NEMO-HA, 9, NEMO-HA, 9, NEMO-HA, 9, NEMO-HA, 9, NEMO-HA, 9, NEMO-HA, 9, NEMO-H	Real Home link, Network mobility(same HA)



No	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title			Status	l	Priority	Supported	Test No.	TEST Priority
30				o The Lifetime field MUST be set to the remaining lifetime for the binding as set by the home agent in its home registration Binding Cache entry for the mobile node, as described above.	MUST	A	A1	Х	NEMOHA 2, 1,5 NEMOHA 2, 1,7 NEMOHA 2, 2,1 INEMOHA 2, 2, 12 NEMOHA 2, 2,1 INEMOHA 2, 2, 14 NEMOHA 2, 3,3 NEMOHA 2, 5,4 NEMOHA 2, 5,3 NEMOHA 2, 5,8 NEMOHA 2, 5,7 NEMOHA 2, 6,8 NEMOHA 2, 6,7 NEMOHA 2, 6,8 NEMOHA 2, 6,7 NEMOHA 2, 6,8	
									NEMO HA, 2, 7,3 NEMO HA, 2, 7,4, NEMO HA, 2, 7, NEMO HA, 2, 7,8, NEMO HA, 2, 7, NEMO HA, 2, 8,8, NEMO HA, 2, 8,9 NEMO HA, 2, 8,10, NEMO HA, 2, 8, 11 NEMO HA, 2, 8, 12,	
									NEMOHA 2.9.11.NEMOHA 2.9.12. NEMOHA 2.9.13.NEMOHA 2.9.14. NEMOHA 2.10.2 NEMOHA 2.10.9. NEMOHA 2.10.10.NEMOHA 2.10.11. NEMOHA 2.10.12. NEMOHA 2.10.12. NEMOHA 2.10.14. NEMOHA 2.10.14.	
									NEMO-HA, 3.1, 11 NEMO-HA, 3.1, 12. NEMO-HA, 3.4, 16 NEMO-HA, 3.4, 17. NEMO-HA, 3.4, 18 NEMO-HA, 3.4, 19. NEMO-HA, 3.4, 20.	



NI-	RFC	RFC	Th	E	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
							J		NEMO HA. 5.1.5 NEMO HA. 5.1.6. NEMO HA. 5.1.2.7. NEMO HA. 5.2.5 NEMO HA. 5.2.6. NEMO HA. 5.2.7 NEMO HA. 5.2.8. NEMO HA. 5.3.3 NEMO HA. 5.3.10. NEMO HA. 5.3.12.	
									NEMO·HA, 5, 4, 3.NEMO·HA, 5, 4, 4, NEMO·HA, 5, 4, 12, NEMO·HA, 5, 4, 12, NEMO·HA, 5, 4, 15, NEMO·HA, 5, 4, 16, NEMO·HA, 5, 4, 17, NEMO·HA, 5, 4, 18, NEMO·HA, 5, 4, 18, NEMO·HA, 5, 5, 8, NEMO·HA, 5, 5, 8, NEMO·HA, 5, 5, 8, NEMO·HA, 5, 5, 8, NEMO·HA, 5, 5, 4, NEMO·HA, 5, 5, 8, NEMO·HA, 5, 5, NEMO·HA, 5, 5, NEMO·HA, 5, NEMO·HA, 5, NEMO·HA, 5, NEMO·HA, 5,	
									NEMO-HA. 6, 1, 3. NEMO-HA. 6, 1, 4, NEMO-HA. 6, 4, 5. NEMO-HA. 6, 4, 6, NEMO-HA. 6, 4, 7. NEMO-HA. 6, 4, 8, NEMO-HA. 6, 5. S. NEMO-HA. 6, 5, 6, NEMO-HA. 6, 5, 7. NEMO-HA. 6, 5, 8,	
									NEMO HA, 6, 6, 3.NEMO HA, 6, 6, 4, NEMO HA, 6, 6, 12, NEMO HA, 6, 6, 13, NEMO HA, 6, 6, 13, NEMO HA, 6, 6, 15, NEMO HA, 6, 6, 17, NEMO HA, 6, 6, 17, NEMO HA, 6, 6, 17, NEMO HA, 6, 7, 18, NEMO HA, 6, 7, 2, NEMO HA, 6, 7, 2, NEMO HA, 8, 7, 2, NEMO HA, 8, 1, 2, NEMO HA, 8, 1, 8, NEMO HA, 8, 1, 2, NEMO HA, 8, 1, 8, NEMO HA, 8, 1, 18, NEMO HA, 8, NEMO	
									NEMO HA, 9, 1, 17 NEMO HA, 9, 1, 18, NEMO HA, 9, 1, 10, NEMO HA, 9, 1, 20, NEMO HA, 9, 1, 20, NEMO HA, 9, 1, 22, NEMO HA, 9, 1, 22, NEMO HA, 9, 1, 24, NEMO HA, 9, 1, 24, NEMO HA, 9, 1, 26, NEMO HA, 9, 1, 27, NEMO HA, 9, 1, 28, NEMO HA, 9, 1, 21, NEMO HA, 9, 1, 28, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 30, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1,	
							A2	Х	NEMO-HA_8_1_2.NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, IKE Virtual Home link,
									NEMO HA 9, 2, 1.9. NEMO HA 9, 2, 16. NEMO HA 9, 2, 2.1 NEMO HA 9, 2, 18. NEMO HA 9, 2, 2.1 NEMO HA 9, 2, 20. NEMO HA 9, 2, 2.1 NEMO HA 9, 2, 22. NEMO HA 9, 2, 2.2 NEMO HA 9, 2, 24. NEMO HA 9, 2, 2.5 NEMO HA 9, 2, 26. NEMO HA 9, 2, 2.7 NEMO HA 9, 2, 28.	MPS/MPA Virtual Home link, Network mobility(same HA)
									NEMOHA, 1, 1, 5.NEMOHA, 1, 1, 6. NEMOHA, 1, 1, 7. NEMOHA, 2, 1, 1, NEMOHA, 2, 1, 2. NEMOHA, 2, 1, 3.NEMOHA, 2, 1, 4. NEMOHA, 2, 1, 6.NEMOHA, 2, 1, 9. NEMOHA, 2, 1, 2, 9.NEMOHA, 2, 2, 10. NEMOHA, 2, 2, 9.NEMOHA, 2, 2, 10. NEMOHA, 2, 2, 9.NEMOHA, 2, 2, 10.	Real Home link



N.T.	RFC	RFC	Ta.	Employed C. 10	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	1		Supported	Test No.	TEST Priority
									NEMO HA, 2-3, JNEMO HA, 2-3, 2. NEMO HA, 2-3, JNEMO HA, 2-5, 2. NEMO HA, 2-5, JNEMO HA, 2-5, 2. NEMO HA, 2-5, JNEMO HA, 2-5, 6. NEMO HA, 2-6, JNEMO HA, 2-6, 2. NEMO HA, 2-6, JNEMO HA, 2-6, 4. NEMO HA, 2-6, S.NEMO HA, 2-6, 6.	
									NEMO HA 2.7, LNEMO HA 2.7.2. NEMO HA 2.7, SNEMO HA 2.7.6. NEMO HA 2.8, LNEMO HA 2.8.2. NEMO HA 2.8, SNEMO HA 2.8.4. NEMO HA 2.8, SNEMO HA 2.8.6.	
									NEMOHA 2.9.1.NEMOHA 2.9.2. NEMOHA 2.9.3.NEMOHA 2.9.4. NEMOHA 2.10.3. NEMOHA 2.10.2.NEMOHA 2.10.3. NEMOHA 2.10.0.NEMOHA 2.10.5. NEMOHA 2.10.6. NEMOHA 2.10.6. NEMOHA 2.10.6.	
									NEMO-HA, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	
									NEMO-HA, 3, 4, 1.NEMO-HA, 3, 4, 2, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 4, 8, NEMO-HA, 3, 4, 5, NEMO-HA, 3, 4, 7, NEMO-HA, 3, 4, 1, 1, NEMO-HA, 3, 4, 1, 1, NEMO-HA, 3, 4, 1, 1, 1, NEMO-HA, 3, 4, 1, NEMO-HA, 3, N	
									NEMO-HA, 4.2, I.NEMO-HA, 4.2.2, NEMO-HA, 4.2, 3.NEMO-HA, 4.2.4, NEMO-HA, 4.2, 5.NEMO-HA, 4.2.6, NEMO-HA, 4.2, 5.NEMO-HA, 4.2.6, NEMO-HA, 4.2, 5.NEMO-HA, 4.2.10, NEMO-HA, 4.2, 1.1 NEMO-HA, 4.2.12, NEMO-HA, 4.2, 1.3 NEMO-HA, 4.2.14, NEMO-HA, 4.2, 1.3 NEMO-HA, 4.2.14, NEMO-HA, 4.2, 1.3 NEMO-HA, 4.2.16,	
									NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, 2, NEMO-HA, 4, 3, 3, NEMO-HA, 4, 3, 3, NEMO-HA, 4, 3, 4, NEMO-HA, 4, 3, 2, NEMO-HA, 4, 3, 2, NEMO-HA, 4, 3, 2, NEMO-HA, 4, 3, 10, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 12, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 14, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 16, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 16, NE	



No. RFC	RFC	Itom	Eurotional Charification	RFC	Functiona	TEST		Test PROFILE	Reason of
No. Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
								NEMO HA. 4.4. I NEMO HA. 4.4. 2. NEMO HA. 4.4. 3 NEMO HA. 4.4. NEMO HA. 4.4. 5 NEMO HA. 4.4. NEMO HA. 4.4. 5 NEMO HA. 4.4. NEMO HA. 4.4. 7 NEMO HA. 4.4. NEMO HA. 4.4. 3 NEMO HA. 4.4. 13. NEMO HA. 4.4. 14 NEMO HA. 4.4. 15.	
								NEMO HA. 5.1.1.NEMO HA. 5.1.2. NEMO HA. 5.1.3.NEMO HA. 5.1.4. NEMO HA. 5.2.1.NEMO HA. 5.2.2. NEMO HA. 5.2.3.NEMO HA. 5.2.4. NEMO HA. 5.3.3.NEMO HA. 5.3.4. NEMO HA. 5.3.3.NEMO HA. 5.3.4. NEMO HA. 5.3.3.NEMO HA. 5.3.6. NEMO HA. 5.3.3.NEMO HA. 5.3.6.	
								NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 2, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 8, NEMO-HA, 5, 4, 7, NEMO-HA, 5, 4, 10, NEMO-HA, 5, 4, 11, NEMO-HA, 5, 4, 11, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 3, NEMO-HA, 5, 5, 5, NEMO-HA, 5, 5, NEMO-HA, 5, 5, 5, NEMO-HA, 5, 5, NEMO-HA, 5, 5, NEMO-HA, 5, 5, NEMO-HA,	
								NEMO HA, 8, 1, 1, NEMO HA, 8, 1, 2, NEMO HA, 8, 2, 1, NEMO HA, 8, 2, 2, NEMO HA, 8, 2, 2, NEMO HA, 8, 2, 3, NEMO HA, 8, 2, 4, 4, NEMO HA, 8, 4, 1, NEMO HA, 8, 4, 3, NEMO HA, 8, 4, 3, NEMO HA, 8, 4, 3, NEMO HA, 8, 5, 3, 4, NEMO HA, 8, 5, 3, NEMO HA, 8, 5, 3, NEMO HA, 8, 5, 4, NEMO HA, 8, 5, 3, NEMO H	
								NEMO-HA, 8, 8, 1. NEMO-HA, 8, 9, 2. NEMO-HA, 8, 8, 5. NEMO-HA, 8, 9, 8. NEMO-HA, 8, 6, 7. NEMO-HA, 8, 6, 10. NEMO-HA, 8, 6, 11. NEMO-HA, 8, 6, 11. NEMO-HA, 8, 7, 1. NEMO-HA, 8, 7, 3. NEMO-HA, 8, 7, 5. NEMO-HA, 8, 7, 8.	
								NEMO-HA, 9,1,1,NEMO-HA, 9,1,2, NEMO-HA, 9,1,3,NEMO-HA, 9,1,4, NEMO-HA, 9,1,5,NEMO-HA, 9,1,6, NEMO-HA, 9,1,7,NEMO-HA, 9,1,8, NEMO-HA, 9,1,1,NEMO-HA, 9,1,10, NEMO-HA, 9,1,11,NEMO-HA, 9,1,14, NEMO-HA, 9,1,11,NEMO-HA, 9,1,14, NEMO-HA, 9,1,15,NEMO-HA, 9,1,16,	
								NEMO-HA_8_1_1.NEMO-HA_8_1_7. NEMO-HA_8_1_15.	Real Home link, IKE Real Home link, MPS/MPA
								NEMO HA, 9, 2, INEMOHA, 9, 2, 2 NEMO HA, 9, 2, 3NEMO HA, 9, 2, 4 NEMO HA, 9, 2, 5NEMO HA, 9, 2, 6, NEMO HA, 9, 2, 7NEMO HA, 9, 2, 8, NEMO HA, 9, 2, 9NEMO HA, 9, 2, 10, NEMO HA, 9, 2, 11, INEMO HA, 9, 2, 12, NEMO HA, 9, 2, 13, NEMO HA, 9, 2, 14,	Real Home link, Network mobility(same HA)



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona			Test PROFILE	Reason of
	Section	Section title		•	Status	l	Priority	Supported	Test No.	TEST Priority
31				o If the home agent stores the Binding Cache entry in nonvolatile storage, then the Binding Refresh Advice mobility option MUST be omitted. Otherwise, the home agent MAY include this option to suggest that the mobile node refreshes its binding bofore the actual lifetime of the binding ends. If the Binding Refresh Advice mobility option is present, the Refresh Interval field in the option MUST be set to a value less than the Lifetime value being returned in the Binding Acknowledgement. This indicates that the mobile node SHOULD attempt to refresh its home registration at the indicated shorter interval.	MUST	A	A2	X	NEMO HA 2, 1,5 NEMO HA 2, 1,7 NEMO HA 2, 2, 11 NEMO HA 2, 2, 11 NEMO HA 2, 2, 11 NEMO HA 2, 5, 3, NEMO HA 2, 5, 4, NEMO HA 2, 5, 3, NEMO HA 2, 5, 4, NEMO HA 2, 5, 7, NEMO HA 2, 5, 8, NEMO HA 2, 6, 7, NEMO HA 2, 6, 8, NEMO HA 2, 6, 9, NEMO HA 2, 6, 10, NEMO HA 2, 6, 11, NEMO HA 2, 6, 12,	This function is implementaion-dependent. It does not effect on interoperability.
									NEMO-HA 2, 7, 3.NEMO-HA 2, 7, 4, NEMO-HA 2, 7, 7.NEMO-HA 2, 7, 8, NEMO-HA 2, 8, 7.NEMO-HA 2, 8, 8, NEMO-HA 2, 8, 9.NEMO-HA 2, 8, 10, NEMO-HA 2, 8, 11, NEMO-HA 2, 8, 12,	
									NEMOHA, 2,9,11.NEMOHA, 2,9,12. NEMOHA, 2,9,13.NEMOHA, 2,9,14. NEMOHA, 2,0,15. NEMOHA, 2,10,8.NEMOHA, 2,10,9. NEMOHA, 2,10,10.NEMOHA, 2,10,11. NEMOHA, 2,10,14. NEMOHA, 2,11,14. NEMOHA, 2,12,4.	
									NEMOHA 3.1.11 NEMOHA 3.1.12. NEMOHA 3.4.18 NEMOHA 3.4.17. NEMOHA 3.4.18 NEMOHA 3.4.19. NEMOHA 3.4.20. NEMOHA 3.4.20. NEMOHA 5.1.7. NEMOHA 5.1.7. NEMOHA 5.2.5 NEMOHA 5.2.6. NEMOHA 5.2.7 NEMOHA 5.2.8. NEMOHA 5.2.7 NEMOHA 5.3.10. NEMOHA 5.3.10.	
									NEMO-HA, 5, 4, 3.NEMO-HA, 5, 4, 4, NEMO-HA, 5, 4, 12, NEMO-HA, 5, 4, 13, NEMO-HA, 5, 4, 13, NEMO-HA, 5, 4, 15, NEMO-HA, 5, 4, 17, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 5, 4, NEMO-HA, 5, 5, 4, NEMO-HA, 5, 5, 4, NEMO-HA, 5, 5, 6, NEMO-HA, 5, 5, 4, NEMO-HA, 5, 5, 6, NEMO-HA, 5, NEMO-H	



No	RFC	RFC	Itom	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported		TEST Priority
									NEMO-HA_6_1_3.NEMO-HA_6_1_4. NEMO-HA_6_4_5.NEMO-HA_6_4_6. NEMO-HA_6_4.NEMO-HA_6_4_8. NEMO-HA_6_5_5.NEMO-HA_6_5_6. NEMO-HA_6_5_7.NEMO-HA_6_5_8.	
									NEMO-HA, 8, 6, 3, NEMO-HA, 8, 6, 4, NEMO-HA, 6, 9, 12, NEMO-HA, 6, 9, 13, NEMO-HA, 6, 6, 15, NEMO-HA, 6, 6, 14, NEMO-HA, 6, 6, 16, NEMO-HA, 6, 6, 17, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 7, NEMO-HA, 6, 7, NEMO-HA, 6, 7, NEMO-HA, 6, 7, NEMO-HA, 8, 1, 2, NEMO-HA, 8, 1, 8, NEMO-HA, 8, 1, 2, NEMO-HA, 8, 1, 18, NEMO-HA, 8, 1, 16, NEMO-HA, 8, 1, 18, NEMO-HA, 8, NEMO-HA, 8, NEMO-HA, 8, 18, NEMO-HA, 8, NEMO-HA,	
									NEMO HA, 9, 1, 17 NEMO HA, 9, 1, 18, NEMO HA, 9, 1, 10 NEMO HA, 9, 1, 20, NEMO HA, 9, 1, 22, NEMO HA, 9, 1, 22, NEMO HA, 9, 1, 24, NEMO HA, 9, 1, 24, NEMO HA, 9, 1, 26, NEMO HA, 9, 1, 26, NEMO HA, 9, 1, 20, NEMO HA, 9, 1, 20, NEMO HA, 9, 1, 30, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1,	
							A2	X		Virtual Home link, IKE
									NEMO-HA_8_1_2.NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO HA, 9, 2, 18. NEMO HA, 9, 2, 18. NEMO HA, 9, 2, 17. NEMO HA, 9, 2, 21. 8. NEMO HA, 9, 2, 19. NEMO HA, 9, 2, 20. NEMO HA, 9, 2, 20. NEMO HA, 9, 2, 22. NEMO HA, 9, 2, 23. NEMO HA, 9, 2, 24. NEMO HA, 9, 2, 25. NEMO HA, 9, 2, 26. NEMO HA, 9, 2, 27. NEMO HA, 9, 2, 28. NEMO HA, 9, 2, 27. NEMO HA, 9, 2, 28. NEMO HA, 9, 2, 27. NEMO HA, 9, 2, 28.	Virtual Home link, Network mobility(same HA)
									NEMO 14. 1. 5. NEMO HA. 1. 1. 6. NEMO 14A. 1. 1. 7. NEMO 14A. 2. 1. 2. NEMO 14A. 2. 1. 2. NEMO 14A. 2. 1. 3. NEMO 14A. 2. 1. 4. NEMO 14A. 2. 1. 3. NEMO 14A. 2. 1. 4. NEMO 14A. 2. 1. 6. NEMO 14A. 2. 1. 5. NEMO 14A. 2. 1. 1. NEMO 14A. 2. 1. 15. NEMO 14A. 2. 2. 9. NEMO 14A. 2. 2. 10. NEMO 14A. 2. 2. 10.	Real Home link
									NEMO HA, 2, 3, 1, NEMO HA, 2, 3, 2, NEMO HA, 2, 3, 3, NEMO HA, 2, 5, 4, NEMO HA, 2, 5, 1, NEMO HA, 2, 5, 6, NEMO HA, 2, 5, 1, NEMO HA, 2, 5, 6, NEMO HA, 2, 6, 1, NEMO HA, 2, 6, 4, NEMO HA, 2, 6, 3, NEMO HA, 2, 6, 6, NEMO HA, 2, 6, 3, NEMO HA, 2, 6, 6,	
									NEMO-HA, 2, 7, 1.NEMO-HA, 2, 7, 2, NEMO-HA, 2, 1.NEMO-HA, 2, 7, 6, NEMO-HA, 2, 1.NEMO-HA, 2, 8, 2, NEMO-HA, 2, 8, 3.NEMO-HA, 2, 8, 4, NEMO-HA, 2, 8, 5.NEMO-HA, 2, 8, 6,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
INO.	Section	Section title	item	runcuonai specinication	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO HA. 2.9.1 NEMO HA. 2.9.2 NEMO HA. 2.9.3 NEMO HA. 2.9.4 NEMO HA. 2.9.5 NEMO HA. 2.10.2 NEMO HA. 2.10.3 NEMO HA. 2.10.4 NEMO HA. 2.10.5, NEMO HA. 2.10.6 NEMO HA. 2.11.4 NEMO HA. 2.11.4	
									NEMO-HA_3_L_1.NEMO-HA_3_L_2. NEMO-HA_3_L_3.NEMO-HA_3_L_4. NEMO-HA_3_L_3.NEMO-HA_3_L_1.6. NEMO-HA_3_L_3.NEMO-HA_3_L_1.6. NEMO-HA_3_L_3.NEMO-HA_3_L_1.10. NEMO-HA_3_L_3.NEMO-HA_3_3_L_2. NEMO-HA_3_S_3.NEMO-HA_3_3_4. NEMO-HA_3_S_3.NEMO-HA_3_3_3_4. NEMO-HA_3_S_3.NEMO-HA_3_3_3_8.	
									NEMO HA. 3.4, 1.NEMO HA. 3.4, 2. NEMO HA. 3.4, 3.NEMO HA. 3.4, 4. NEMO HA. 3.4, 3.NEMO HA. 3.4, 4. NEMO HA. 3.4, 7.NEMO HA. 3.4, 6. NEMO HA. 3.4, 7.NEMO HA. 3.4, 6. NEMO HA. 3.4, 9.NEMO HA. 3.4, 10. NEMO HA. 3.4, 1.NEMO HA. 3.4, 12. NEMO HA. 3.4, 13.NEMO HA. 3.4, 12. NEMO HA. 3.4, 13.NEMO HA. 3.4, 14. NEMO HA. 3.4, 15.	
									NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 3, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 6, NEMO-HA, 4, 2, 7, NEMO-HA, 4, 2, 8, NEMO-HA, 4, 2, 7, NEMO-HA, 4, 2, 10, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 12, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, NEM	
									NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, 2, NEMO-HA, 4, 3, 3, NEMO-HA, 4, 3, 4, NEMO-HA, 4, 3, 5, NEMO-HA, 4, 3, 5, NEMO-HA, 4, 3, 7, NEMO-HA, 4, 3, 7, NEMO-HA, 4, 3, 1, 8, NEMO-HA, 4, 3, 9, NEMO-HA, 4, 3, 1, 1, NEMO-HA, 4, 3, NEMO-HA, 4, NEMO-HA, 4, 3, NEMO-HA, 4, NEMO-HA,	
									NEMO-HA, 4, 4, 1.NEMO-HA, 4, 4, 2, NEMO-HA, 4, 4, 3.NEMO-HA, 4, 4, 4, NEMO-HA, 4, 4, 4, 6, NEMO-HA, 4, 4, 7.NEMO-HA, 4, 4, 6, NEMO-HA, 4, 4, 7.NEMO-HA, 4, 4, 13, NEMO-HA, 4, 4, 13, NEMO-HA, 4, 4, 14.NEMO-HA, 4, 4, 15,	
									NEMO HA. 5. 1. INEMO HA. 5. 1. 2. NEMO HA. 5. 1. 3. NEMO HA. 5. 1. 4. NEMO HA. 5. 2. 1. NEMO HA. 5. 2. 2. NEMO HA. 5. 2. 3. NEMO HA. 5. 2. 4. NEMO HA. 5. 3. 3. NEMO HA. 5. 3. 4. NEMO HA. 5. 3. 3. NEMO HA. 5. 3. 3. 6. NEMO HA. 5. 3. 3. NEMO HA. 5. 3. 3. 6. NEMO HA. 5. 3. 3. NEMO HA. 5. 3. 6.	



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
INO.	Section	Section title	Item	Functional Specification	Status	1	Priority	Supported	Test No.	TEST Priority
									NEMO HA, 5, 4, 1, NEMO HA, 5, 4, 2, NEMO HA, 5, 4, S NEMO HA, 5, 4, 6, NEMO HA, 3, 4, 7, NEMO HA, 5, 4, 8, NEMO HA, 5, 4, 9, NEMO HA, 5, 4, 10, NEMO HA, 5, 4, 11, NEMO HA, 5, 5, 1, NEMO HA, 5, 5, 3,	
									NEMO-HA, 6, 1, 1. NEMO-HA, 6, 1, 2, NEMO-HA, 6, 2, 1. NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 4, NEMO-HA, 6, 2, 4, NEMO-HA, 6, 1, NEMO-HA, 6, 4, 4, 2, NEMO-HA, 6, 4, 1, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 1, NEMO-HA, 6, 5, NEMO-HA, 6, 5, 2, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 4, NEMO-HA, 6, 5, NEMO-HA, 6, 5, NEMO-HA, 6, NEMO-H	
									NEMO HA, 6, 6, 1. NEMO HA, 6, 6, 2. NEMO HA, 6, 6, 5. NEMO HA, 6, 6, 6. NEMO HA, 6, 6, 0. NEMO HA, 6, 6, 8. NEMO HA, 6, 6, 0. NEMO HA, 6, 6, 10. NEMO HA, 6, 7, 1. NEMO HA, 6, 7, 3. NEMO HA, 6, 7, 5. NEMO HA, 6, 7, 6.	
									NEMO-HA, 9, 1, 1. NEMO-HA, 9, 1, 2, NEMO-HA, 9, 1, 1, 1, NEMO-HA, 9, 1, 6, NEMO-HA, 9, 1, 6, NEMO-HA, 9, 1, 1, 6, NEMO-HA, 9, 1, 1, 1, NEMO-HA, 9, 1, NEMO-HA, 9, 1, NEMO-HA, 9, NEM	
										Real Home link, IKE
									NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA
									NEMO HA, 9, 2, 1.NEMO HA, 9, 2, 2, NEMO HA, 9, 2, 3.NEMO HA, 9, 2, 4.NEMO HA, 9, 2, 5.NEMO HA, 9, 2, 6.NEMO HA, 9, 2, 6.NEMO HA, 9, 2, 7.NEMO HA, 9, 2, 8.NEMO HA, 9, 2, 9.NEMO HA, 9, 2, 10.NEMO HA, 9, 2, 11.NEMO HA, 9, 2, 11.NEMO HA, 9, 2, 11.NEMO HA, 9, 2, 11.NEMO HA, 9, 2, 14.	Real Home link, Network mobility(same HA)



	RFC	RFC			RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported		TEST Priority
32	556001				MAY	В	В	X	NEMO+HA, 2, 1, 5, NEMO+HA, 2, 1, 7, NEMO+HA, 2, 1, 1, NEMO+HA, 2, 1, 1, NEMO+HA, 2, 2, 1, NEMO+HA, 2, 2, 1, NEMO+HA, 2, 2, 1, NEMO+HA, 2, 3, 1, NEMO+HA, 2, 5, 1, NEMO+HA, 2, 5, 1, NEMO+HA, 2, 6, NEMO+HA, 2, 6, NEMO+HA, 2, 6, NEMO+HA, 2, 6, 1, NEMO+HA, 2, 1, NEMO+HA, 2,	This function is implementaion-dependent. It does not effect on interoperability.
									NEMO-HA, 2, 7, 3, NEMO-HA, 2, 7, 4, NEMO-HA, 2, 7, 7, NEMO-HA, 2, 7, 8, NEMO-HA, 2, 8, 18, NEMO-HA, 2, 8, 9, NEMO-HA, 2, 8, 18, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 11	
									NEMO HA, 2, 9, 11, NEMO HA, 2, 9, 12, NEMO HA, 2, 9, 13, NEMO HA, 2, 9, 14, NEMO HA, 2, 9, 15, NEMO HA, 2, 9, 15, NEMO HA, 2, 10, 8, NEMO HA, 2, 10, 10, NEMO HA, 2, 10, 10, NEMO HA, 2, 10, 11, NEMO HA, 2, 11, 14, NEMO HA, 2, 12, 4,	
									NEMO HA, 3,1,11,NEMO HA, 3,1,12, NEMO HA, 3,4,18,NEMO HA, 3,4,17, NEMO HA, 3,4,18,NEMO HA, 3,4,19, NEMO HA, 3,1,20,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,	



	RFC	RFC	Ψ.	F	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l		Supported	Test No.	TEST Priority
								Баррогеса	NEMO-HA_5_4_3.NEMO-HA_5_4_4. NEMO-HA_5_4_1.12.NEMO-HA_5_4_1.13. NEMO-HA_5_4_1.14.NEMO-HA_5_4_1.15. NEMO-HA_5_4_1.16.NEMO-HA_5_4_1.17. NEMO-HA_5_4_1.16.NEMO-HA_5_4_1.18. NEMO-HA_5_5_6.	
									NEMO·HA_6_1_3.NEMO·HA_6_1_4. NEMO·HA_6_4_3.NEMO·HA_6_4_6. NEMO·HA_6_5.S.NEMO·HA_6_4_8. NEMO·HA_6_5.S.NEMO·HA_6_5_5. NEMO·HA_6_5_7.NEMO·HA_6_5_8.	
									NEMO-HA, 8, 8, 3, NEMO-HA, 6, 8, 4, NEMO-HA, 8, 9, 12, NEMO-HA, 8, 9, 12, NEMO-HA, 8, 9, 15, NEMO-HA, 8, 6, 15, NEMO-HA, 8, 8, 16, NEMO-HA, 8, 9, 17, NEMO-HA, 8, 9, 18, NEMO-HA, 8, 7, 2, NEMO-HA, 8, 7, 2, NEMO-HA, 8, 7, 2, NEMO-HA, 8, 7, 2, NEMO-HA, 8, 1, 2, NEMO-HA, 8, 1, 2, NEMO-HA, 8, 1, 2, NEMO-HA, 8, 1, 1, 8, NEMO-HA, 8,	
									NEMO HA, 9, 1, 17 NEMO HA, 9, 1, 18, NEMO HA, 9, 1, 10, NEMO HA, 9, 1, 20, NEMO HA, 9, 1, 20, NEMO HA, 9, 1, 21, NEMO HA, 9, 1, 24, NEMO HA, 9, 1, 24, NEMO HA, 9, 1, 24, NEMO HA, 9, 1, 25, NEMO HA, 9, 1, 27, NEMO HA, 9, 1, 28, NEMO HA, 9, 1, 20, NEMO HA, 9, 1, 20, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1, 31, NEMO HA, 9, 1, 32, NEMO HA, 9, 1,	
								X		Virtual Home link,
								Α		IKE
									NEMO-HA_8_1_2.NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO-HA 9, 2, 1.5 NEMO-HA 9, 2, 16. NEMO-HA 9, 2, 17 NEMO-HA 9, 2, 18. NEMO-HA 9, 2, 10 NEMO-HA 9, 2, 20. NEMO-HA 9, 2, 20, NEMO-HA 9, 2, 22. NEMO-HA 9, 2, 21 NEMO-HA 9, 2, 22. NEMO-HA 9, 2, 23 NEMO-HA 9, 2, 24. NEMO-HA 9, 2, 23 NEMO-HA 9, 2, 26. NEMO-HA 9, 2, 27 NEMO-HA 9, 2, 28.	Virtual Home link, Network mobility(same HA)
									NEMO-HA_1_1,5.NEMO-HA_1_1_6, NEMO-HA_1_1,7. NEMO-HA_2_1_1,NEMO-HA_2_1_2, NEMO-HA_2_1_3,NEMO-HA_2_1_4, NEMO-HA_2_1_6,NEMO-HA_2_1_9, NEMO-HA_2_1_1,NEMO-HA_2_1_15, NEMO-HA_2_1_6,NEMO-HA_2_2_10, NEMO-HA_2_2_9,NEMO-HA_2_2_10, NEMO-HA_2_2_13,	Real Home link
									NEMO HA, 2, 3, 1, NEMO HA, 2, 3, 2, NEMO HA, 2, 3, 3, NEMO HA, 2, 3, 4, NEMO HA, 2, 5, 1, NEMO HA, 2, 5, 2, NEMO HA, 2, 5, 1, NEMO HA, 2, 5, NEMO HA, 2, 6, NEMO HA, 2, 6, NEMO HA, 2, 6, 1, NEMO HA, 2, 6, 5, NEMO HA, 2, 6, 6, NEMO HA, 2, 6, 5, NEMO HA, 2, 6, 6, NEMO HA, 2, 6, 6, NEMO HA, 2, 6, 5, NEMO HA, 2, 6, 6, NEMO HA, 2, 6, NEMO HA, 2, 6, 8, NEMO HA, 2, 8, NEM	



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
INU.	Section	Section title	Item	runcuonai Specification	Status	1	Priority	Supported	Test No.	TEST Priority
									NEMO-HA, 2, 7, 1, NEMO-HA, 2, 7, 2, NEMO-HA, 2, 7, 5, NEMO-HA, 2, 7, 6, NEMO-HA, 2, 8, 1, NEMO-HA, 2, 8, 2, NEMO-HA, 2, 8, 3, NEMO-HA, 2, 8, 4, NEMO-HA, 2, 8, 5, NEMO-HA, 2, 8, 6,	
									NEMO HA. 2. 9. 1. NEMO HA. 2. 9. 2. NEMO HA. 2. 9. 3. NEMO HA. 2. 9. 4. NEMO HA. 2. 9. 5. NEMO HA. 2. 10. 2. NEMO HA. 2. 10. 3. NEMO HA. 2. 10. 2. NEMO HA. 2. 10. 5. NEMO HA. 2. 10. 6. NEMO HA. 2. 11. 4. NEMO HA. 2. 11. 4. NEMO HA. 2. 12. 1.	
									NEMO-HA, 3,1,1,NEMO-HA, 3,1,2, NEMO-HA, 3,1,3,NEMO-HA, 3,1,4, NEMO-HA, 3,1,5,NEMO-HA, 3,1,6, NEMO-HA, 3,1,0,NEMO-HA, 3,1,10, NEMO-HA, 3,3,1,NEMO-HA, 3,3,2, NEMO-HA, 3,3,3,NEMO-HA, 3,3,4, NEMO-HA, 3,3,5,NEMO-HA, 3,3,6, NEMO-HA, 3,3,7,NEMO-HA, 3,3,8, NEMO-HA, 3,3,7,NEMO-HA, 3,3,8, NEMO-HA, 3,3,7,NEMO-HA, 3,3,8,	
									NEMO HA. 3.4, 1.NEMO HA. 3.4, 2. NEMO HA. 3.4, 3.NEMO HA. 3.4, 4. NEMO HA. 3.4, 5.NEMO HA. 3.4, 6. NEMO HA. 3.4, 5.NEMO HA. 3.4, 6.8 NEMO HA. 3.4, 9.NEMO HA. 3.4, 10. NEMO HA. 3.4, 11.NEMO HA. 3.4, 12. NEMO HA. 3.4, 15. NEMO HA. 3.4, 15. NEMO HA. 3.4, 15.	
									NEMO-HA, 4, 2, 1. NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 3. NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 6, NEMO-HA, 4, 2, 7, NEMO-HA, 4, 2, 7, NEMO-HA, 4, 2, 10, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 12, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, NE	
									NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, 2, NEMO-HA, 4, 3, 3, NEMO-HA, 4, 3, 4, NEMO-HA, 4, 3, 5, NEMO-HA, 4, 3, 6, NEMO-HA, 4, 3, 7, NEMO-HA, 4, 3, 8, NEMO-HA, 4, 3, 9, NEMO-HA, 4, 3, 10, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 12, NEMO-HA, 4, 3, 13, NEMO-HA, 4, 3, 14, NEMO-HA, 4, 3, 13, NEMO-HA, 4, 3, 16,	
									NEMO-HA, 4, 4, 1. NEMO-HA, 4, 4, 2. NEMO-HA, 4, 4. 3. NEMO-HA, 4, 4, 4. NEMO-HA, 4, 4. 5. NEMO-HA, 4, 4, 6. NEMO-HA, 4, 4. 7. NEMO-HA, 4, 4, 8. NEMO-HA, 4, 4. 9. NEMO-HA, 4, 4, 13. NEMO-HA, 4, 4, 14. NEMO-HA, 4, 4, 15.	



RFC	RFC	Itom	Functional Specification	RFC	Functiona			Test PROFILE	Reason of
Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
								NEMO-HA_5_1_3.NEMO-HA_5_1_4. NEMO-HA_5_2_1.NEMO-HA_5_2_2. NEMO-HA_5_2_3.NEMO-HA_5_2_4. NEMO-HA_5_3_1.NEMO-HA_5_3_4. NEMO-HA_5_3_5.NEMO-HA_5_3_6.	
								NEMO-HA_5_4_7,NEMO-HA_5_4_8, NEMO-HA_5_4_9,NEMO-HA_5_4_10, NEMO-HA_5_4_11,	
								NEMO-HA_6_2_1.NEMO-HA_6_2_2, NEMO-HA_6_2_3.NEMO-HA_6_2_4, NEMO-HA_6_4_1.NEMO-HA_6_4_2, NEMO-HA_6_4_3.NEMO-HA_6_4_4, NEMO-HA_6_5_1.NEMO-HA_6_5_2,	
								NEMO-HA_6_6_5.NEMO-HA_6_6_6, NEMO-HA_6_6_7.NEMO-HA_6_6_8, NEMO-HA_6_6_9.NEMO-HA_6_6_10, NEMO-HA_6_6_11,	
								NEMO-HA. 9.1. 3. NEMO-HA. 9.1. 4. NEMO-HA. 9.1. 5. NEMO-HA. 9.1. 6. NEMO-HA. 9.1. 7. NEMO-HA. 9.1. 8. NEMO-HA. 9.1. 11. NEMO-HA. 9.1. 12. NEMO-HA. 9.1. 11. NEMO-HA. 9.1. 14.	
									Real Home link, IKE
								NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA
								NEMO-HA. 9. 2. 3.NEMO-HA. 9. 2. 4. NEMO-HA. 9. 2. 5.NEMO-HA. 9. 2. 6. NEMO-HA. 9. 2. 7.NEMO-HA. 9. 2. 8. NEMO-HA. 9. 2. 9.NEMO-HA. 9. 2. 10. NEMO-HA. 9. 2. 11.NEMO-HA. 9. 2. 12.	Real Home link, Network mobility(same HA)
								Section title Hem Punctional Specification Status 1 Priority Supported Supported Status 1 Priority Supported Supported Status 1 Priority Status 1 Priority Supported Status 1 Priority Status	Section Section title



	RFC	RFC			RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l		Supported	Test No	TEST Priority
33	Section	section title			MUST	A	A2	X	NEMO-HA_2_1_5,NEMO-HA_2_1_7, NEMO-HA_2_1_8, NEMO-HA_2_2_11,NEMO-HA_2_2_12, NEMO-HA_2_2_14, NEMO-HA_2_5_3,NEMO-HA_2_5_4,	This function is implementaion-dependent. It does not effect on interoperability.
									NEMO-HA, 2, 7, 3, NEMO-HA, 2, 7, 4, NEMO-HA, 2, 7, 7, NEMO-HA, 2, 7, 8, NEMO-HA, 2, 8, 8, NEMO-HA, 2, 8, 8, NEMO-HA, 2, 8, 10, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 12, 12	
									NEMOHA 2, 9, 11 NEMOHA 2, 9, 12. NEMOHA 2, 9, 13 NEMOHA 2, 9, 14. NEMOHA 2, 9, 10, NEMOHA 2, 10, 9. NEMOHA 2, 10, 8 NEMOHA 2, 10, 9. NEMOHA 2, 10, 10, NEMOHA 2, 10, 11, NEMOHA 2, 10, 12. NEMOHA 2, 11, 14. NEMOHA 2, 12, 4. NEMOHA 3, 1, 11 NEMOHA 3, 1, 12. NEMOHA 3, 1, 10, NEMOHA 3, 4, 17. NEMOHA 3, 4, 10, NEMOHA 3, 4, 19. NEMOHA 3, 4, 10, NEMOHA 3, 4, 19. NEMOHA 3, 4, 20.	



NI-	RFC	RFC	Th	E	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	1	Priority	Supported	Test No.	TEST Priority
									NEMO HA. 5.1.5 NEMO-HA. 5.1.6. NEMO HA. 5.1.7. NEMO HA. 5.2.5 NEMO HA. 5.2.6. NEMO HA. 5.2.7 NEMO HA. 5.2.8. NEMO HA. 5.2.7 NEMO HA. 5.3.10. NEMO HA. 5.3.12.	
									NEMOHA, 5, 4, 3, NEMOHA, 5, 4, 4, NEMOHA, 5, 4, 12, NEMOHA, 5, 4, 12, NEMOHA, 5, 4, 13, NEMOHA, 5, 4, 14, NEMOHA, 5, 4, 15, NEMOHA, 5, 16, NEMOHA, 5, 4, 17, NEMOHA, 5, 4, 18, NEMOHA, 5, 5, 4, NEMOHA, 5, 5, 6, NEMOHA, 5, 5, 5, NEMOHA, 5, 5, 5, NEMOHA, 5	
									NEMO-HA. 6, 1, 3 NEMO-HA, 6, 1, 4, NEMO-HA, 6, 4, 5, NEMO-HA, 6, 4, 5, NEMO-HA, 6, 4, 8, NEMO-HA, 6, 5, NEMO-HA, 6, 5, 5, NEMO-HA, 6, 5, 8, NEMO-HA, 6, 5, 7, NEMO-HA, 6, 5, 8, NEMO-HA, 6, 5, 8, NEMO-HA, 6, 5, 8, NEMO-HA	
									NEMO HA, 5, 6, 3, NEMO HA, 6, 6, 4, NEMO HA, 5, 6, 12 NEMO HA, 6, 6, 13, NEMO HA, 5, 6, 14 NEMO HA, 6, 6, 17, NEMO HA, 5, 6, 18 NEMO HA, 6, 6, 17, NEMO HA, 5, 2, 18 NEMO HA, 6, 7, 4, NEMO HA, 5, 7, NEMO HA, 6, 7, 4, NEMO HA, 5, 7, NEMO HA, 6, 7, 8, NEMO HA, 8, 1, 2, NEMO HA, 8, 1, 8, NEMO HA, 8, 1, 1, 16,	
									NEMO-HA, 9, 1, 17, NEMO-HA, 9, 1, 18, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 24, NEMO-HA, 9, 1, 24, NEMO-HA, 9, 1, 26, NEMO-HA, 9, 1, 26, NEMO-HA, 9, 1, 27, NEMO-HA, 9, 1, 28, NEMO-HA, 9, 1, 28, NEMO-HA, 9, 1, 21, 30, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 32, NEMO-HA,	
							A2	X		Virtual Home link,
									NEMO-HA_8_1_2.NEMO-HA_8_1_8, NEMO-HA_8_1_16,	IKE Virtual Home link, MPS/MPA
									NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 19, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 22, NEMO-HA, 9, 2, 22, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 20, 28, NEMO-H	Virtual Home link, Network mobility(same HA)
									NEMO HA. J. J. SNEMO HA. J. J. B. NEMO HA. J. J. T. NEMO HA. Z. J. J. NEMO HA. Z. J. 2. NEMO HA. Z. J. J. NEMO HA. Z. J. 4. NEMO HA. Z. J. SNEMO HA. Z. J. 4. NEMO HA. Z. J. SNEMO HA. Z. J. 9. NEMO HA. Z. J. SNEMO HA. Z. J. 15. NEMO HA. Z. Z. J. SNEMO HA. Z. Z. 10. NEMO HA. Z. Z. Z. J. D. NEMO HA. Z. Z. Z. J. D. NEMO HA. Z. Z. Z. J. D.	Real Home link



No	RFC	RFC	Itom	Functional Chariffaction	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO HA, 2, 3, INEMO HA, 2, 3, 2, NEMO HA, 2, 3, 4, NEMO HA, 2, 3, 4, NEMO HA, 2, 3, 4, NEMO HA, 2, 5, 3, NEMO HA, 2, 5, 6, NEMO HA, 2, 5, 6, NEMO HA, 2, 5, 6, NEMO HA, 2, 6, 1, NEMO HA, 2, 6, 2, NEMO HA, 2, 6, 3, NEMO HA, 2, 6, 4, NEMO HA, 2, 6, 5, NEMO HA, 2, 6, 8, NEMO HA, 2, 8,	
									NEMO HA, 2, 7, 1.NEMO HA, 2, 7, 2, NEMO HA, 2, 7, 5.NEMO HA, 2, 7, 6, NEMO HA, 2, 8, 1.NEMO HA, 2, 8, 2, NEMO HA, 2, 8, 3.NEMO HA, 2, 8, 4, NEMO HA, 2, 8, 5.NEMO HA, 2, 8, 6,	
									NEMO HA, 2, 9, 1, NEMO HA, 2, 9, 2, NEMO HA, 2, 9, 3, NEMO HA, 2, 9, 4, NEMO HA, 2, 9, 4, NEMO HA, 2, 10, 2, NEMO HA, 2, 10, 2, NEMO HA, 2, 10, 2, NEMO HA, 2, 10, 3, NEMO HA, 2, 11, 3, NEMO HA, 2, 12, 11, NEMO HA, 2, 12, 1, NEMO HA, 2, 12, 12, NEMO HA, 2, 12, 12, NEMO HA, 2, 12,	
									NEMO-HA, 3, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	
									NEMO HA, 3, 4, I. NEMO HA, 3, 4, 2, NEMO HA, 3, 4, 4, NEMO HA, 3, 4, 8, NEMO HA, 3, 4, 6, NEMO HA, 3, 4, 7, NEMO HA, 3, 4, 8, NEMO HA, 3, 4, 7, NEMO HA, 3, 4, 10, NEMO HA, 3, 4, 11, NEMO HA, 3, 4, 12, NEMO HA, 3, 4, 12, NEMO HA, 3, 4, 14, NEMO HA, 3, 4, 15, NEMO HA, 3, 4, 14, NEMO HA, 3, 4, 15, NE	
									NEMO-HA, 4, 2, 1.NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 3.NEMO-HA, 4, 2, 4. NEMO-HA, 4, 2, 5. NEMO-HA, 4, 2, 6. NEMO-HA, 4, 2, 5. NEMO-HA, 4, 2, 6. NEMO-HA, 4, 2, 9. NEMO-HA, 4, 2, 10. NEMO-HA, 4, 2, 11. NEMO-HA, 4, 2, 12. NEMO-HA, 4, 2, 13. NEMO-HA, 4, 2, 14. NEMO-HA, 4, 2, 15. NEMO-HA, 4, 2, 16.	
									NEMO-HA, 4,3,1,NEMO-HA, 4,3,2, NEMO-HA, 4,3,3,NEMO-HA, 4,3,4, NEMO-HA, 4,3,5,NEMO-HA, 4,3,8, NEMO-HA, 4,3,9,NEMO-HA, 4,3,18, NEMO-HA, 4,3,9,NEMO-HA, 4,3,10, NEMO-HA, 4,3,11,NEMO-HA, 4,3,14, NEMO-HA, 4,3,15,NEMO-HA, 4,3,16,	



No	RFC	RFC	Itom	Eunstianal Consideration	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO HA. 4.4. I NEMO HA. 4.4. 2. NEMO HA. 4.4. S NEMO HA. 4.4. 6. NEMO HA. 4.4. S NEMO HA. 4.4. 6. NEMO HA. 4.4. 7 NEMO HA. 4.4. 6. NEMO HA. 4.4. 7 NEMO HA. 4.4. 13. NEMO HA. 4.4. 13.	
									NEMO HA. 5.1.1.NEMO HA. 5.1.2. NEMO HA. 5.1.3.NEMO HA. 5.1.4. NEMO HA. 5.2.1.NEMO HA. 5.2.2. NEMO HA. 5.2.3.NEMO HA. 5.2.4. NEMO HA. 5.3.1.NEMO HA. 3.3.4. NEMO HA. 5.3.5.NEMO HA. 5.3.6. NEMO HA. 5.3.5.NEMO HA. 5.3.6.	
									NEMO HA 5, 4, 1. NEMO HA 5, 4, 2, NEMO HA 5, 4, 5. NEMO HA 5, 4, 6, NEMO HA 5, 4, 7. NEMO HA 5, 4, 8, NEMO HA 5, 4, 9. NEMO HA 5, 4, 10, NEMO HA 5, 4, 11, NEMO HA 5, 5, 1, 1. NEMO HA 5, 5, 3,	
									NEMO HA, 6, 1, 1. NEMO HA, 6, 1, 2. NEMO HA, 6, 2, 1. NEMO HA, 6, 2, 2. NEMO HA, 6, 2, 3. NEMO HA, 6, 2, 4. NEMO HA, 6, 4, 1. NEMO HA, 6, 4, 4. NEMO HA, 6, 5, 1. NEMO HA, 6, 5, 2. NEMO HA, 6, 5, 3. NEMO HA, 6, 5, 2. NEMO HA, 6, 5, 3. NEMO HA, 8, 5, 2.	
									NEMO HA, 6, 8, 1, NEMO HA, 8, 6, 2, NEMO HA, 6, 8, 5, NEMO HA, 6, 6, 6, NEMO HA, 6, 8, 7, NEMO HA, 6, 8, 8, NEMO HA, 6, 9, 8, NEMO HA, 6, 10, NEMO HA, 6, 6, 11, NEMO HA, 6, 7, 1, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 5, NEMO HA, 6, 7, 6,	
									NEMO-HA, 9, 1, 1, NEMO-HA, 9, 1, 2, NEMO-HA, 9, 1, 3, NEMO-HA, 9, 1, 4, NEMO-HA, 9, 1, 6, NEMO-HA, 9, 1, 6, NEMO-HA, 9, 1, 6, NEMO-HA, 9, 1, 7, NEMO-HA, 9, 1, 1, 8, NEMO-HA, 9, 1, 9, NEMO-HA, 9, 1, 9, NEMO-HA, 9, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	
									NEMO-HA_8_1_1.NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, IKE Real Home link, MPS/MPA Real Home link, Network mobility(same HA)



NI-	RFC	RFC	T4	Eti1 CiCti	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	1	Priority	Supported	Test No.	TEST Priority
34					SHOULD	A	A2	X	NEMO 14A, 2, 1, 2. NEMO 14A, 2, 1, 7, 18MO 14A, 2, 1, 7, 18MO 14A, 2, 1, 1, 18MO 14A, 2, 2, 1, 12MO 14A, 2, 2, 1, 12MO 14A, 2, 2, 1, 12MO 14A, 2, 2, 14, 12MO 14A, 2, 3, 3, 12MO 14A, 2, 5, 2, 4, 12MO 14A, 2, 5, 3, 12MO 14A, 2, 5, 8, 12MO 14A, 2, 6, 3, 12MO 14A, 2, 6, 12MO 14A, 2, 6, 11, 12MO 14A, 2, 6, 12, 12MO 14A, 2, 6, 11, 12MO 14A, 2, 6, 12, 12MO 14A, 2, 6, 11, 12MO 14A, 2, 6, 12, 12MO 14A, 2, 6, 11, 12MO 14A, 2, 6, 12, 12MO 14A, 2, 6, 11, 12MO 14A, 2, 6, 12, 12MO 14A, 2, 6, 11, 12MO 14A, 2, 6, 12, 12MO 14A, 2, 6, 12M	This function is implementaion-dependent. It does not effect on interoperability.
									NEMO HA. 2.7,3.NEMO HA. 2.7,4. NEMO HA. 2.7,7.NEMO HA. 2.7.8. NEMO HA. 2.8,7.NEMO HA. 2.8.8. NEMO HA. 2.8,9.NEMO HA. 2.8.10. NEMO HA. 2.8,11.NEMO HA. 2.8.12.	
									NEMO HA, 2, 9, 11, NEMO HA, 2, 9, 12, NEMO HA, 2, 9, 13, NEMO HA, 2, 9, 14, NEMO HA, 2, 9, 14, NEMO HA, 2, 10, 8, NEMO HA, 2, 10, 8, NEMO HA, 2, 10, 10, NEMO HA, 2, 10, 11, NEMO HA, 2, 11, 14, NEMO HA, 2, 11, 14, NEMO HA, 2, 11, 14, NEMO HA, 2, 11, 124, 124, 124, 124, 124, 124, 1	
									NEMO HA, 3, 1, 11, NEMO HA, 3, 1, 12, NEMO HA, 3, 4, 16, NEMO HA, 3, 4, 17, NEMO HA, 3, 4, 19, NEMO HA, 3, 4, 19, NEMO HA, 3, 4, 19, NEMO HA, 3, 4, 2, 5, NEMO HA, 3, 1, 5, NEMO HA, 5, 1, 6, NEMO HA, 5, 2, 7, NEMO HA, 5, 2, 6, NEMO HA, 5, 2, 7, NEMO HA, 5, 2, 8, NEMO HA, 5, 2, 7, NEMO HA, 5, 2, 8, NEMO HA, 5, 2, 7, NEMO HA, 5, 2, 8, NEMO HA, 5, 3, 10, NEMO HA, 5, 3, 10, NEMO HA, 5, 3, 10, NEMO HA, 5, 3, 11, NE	
									NEMO-HA, 5, 4, 3.NEMO-HA, 5, 4, 4, 8.NEMO-HA, 5, 4, 13. NEMO-HA, 5, 4, 13. NEMO-HA, 5, 4, 14. NEMO-HA, 5, 4, 15. NEMO-HA, 5, 4, 16. NEMO-HA, 5, 4, 17. NEMO-HA, 5, 5, 8. NEMO-HA, 5, 5, 8. NEMO-HA, 5, 5, 8. NEMO-HA, 5, 5, 8.	



N	RFC	RFC	Τ.	F 10	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	1		Supported	Test No.	TEST Priority
									NEMO-HA_6_1_3.NEMO-HA_6_1_4, NEMO-HA_6_4_5.NEMO-HA_6_4_6, NEMO-HA_6_4_7.NEMO-HA_6_4_8, NEMO-HA_6_5_5.NEMO-HA_6_5_6, NEMO-HA_6_5_7.NEMO-HA_6_5_8,	
									NEMO HA. 6, 8, 3. NEMO HA. 6, 8, 4. NEMO HA. 6, 8, 12. NEMO HA. 6, 8, 13. NEMO HA. 8, 10. NEMO HA. 6, 8, 13. NEMO HA. 8, 10. NEMO HA. 6, 9, 15. NEMO HA. 8, 10. NEMO HA. 6, 9, 17. NEMO HA. 8, 10. NEMO HA. 6, 9, 17. NEMO HA. 8, 17. NEMO HA. 6, 7, 4. NEMO HA. 8, 17. NEMO HA. 8, 7, 8. NEMO HA. 8, 1, 2. NEMO HA. 8, 1, 8. NEMO HA. 8, 1, 2. NEMO HA. 8, 1, 8. NEMO HA. 8, 1, 18.	
									NEMO-HA, 9, 1, 17 NEMO-HA, 9, 1, 18, NEMO-HA, 9, 1, 10, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 24, NEMO-HA, 9, 1, 24, NEMO-HA, 9, 1, 24, NEMO-HA, 9, 1, 26, NEMO-HA, 9, 1, 27, NEMO-HA, 9, 1, 28, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 32, NEMO-HA, 9, 1,	
							A2	X		Virtual Home link,
							AL			IKE
									NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO HA, 9, 2, 15, NEMO HA, 9, 2, 16, NEMO HA, 9, 2, 17, NEMO HA, 9, 2, 18, NEMO HA, 9, 2, 18, NEMO HA, 9, 2, 18, NEMO HA, 9, 2, 10, NEMO HA, 9, 2, 20, 20, 20, 20, 20, 20, 20, 20, 20,	Virtual Home link, Network mobility(same HA)
									NEMO HA. J. J. SNEMO HA. J. J. S. NEMO HA. J. J. S. NEMO HA. Z. J. NEMO HA. Z. J. Z. NEMO HA. Z. J. SNEMO HA. Z. J. J. S. NEMO HA. Z. J. SNEMO HA. Z. J. J. S. NEMO HA. Z. J. SNEMO HA. Z. J. J. S. NEMO HA. Z. J. SNEMO HA. Z. J. J. S. NEMO HA. Z. J. SNEMO HA. Z. Z. J. S. NEMO HA. Z. Z. J. SNEMO HA. Z. Z. J. S. NEMO HA. Z. Z. J. S. NEMO HA. Z. Z. J. SNEMO HA. Z. Z. J. S. NEMO HA. Z. Z. J. S.	Real Home link
									NEMO HA, 2,3,1,NEMO HA, 2,3,2, NEMO HA, 2,3,3,NEMO HA, 2,3,4, NEMO HA, 2,5,1,NEMO HA, 2,5,2, NEMO HA, 2,5,1,NEMO HA, 2,6,8, NEMO HA, 2,6,1,NEMO HA, 2,6,4, NEMO HA, 2,6,3,NEMO HA, 2,6,6,	
									NEMO-HA, 2,7_1, NEMO-HA, 2,7_2, NEMO-HA, 2,7_5, NEMO-HA, 2,7_6, NEMO-HA, 2,8_1, NEMO-HA, 2,8_2, NEMO-HA, 2,8_3, NEMO-HA, 2,8_4, NEMO-HA, 2,8_5, NEMO-HA, 2,8_6,	



No	RFC	RFC	Itom	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO HA. 2. 9.1 NEMO HA. 2. 9. 2. NEMO HA. 2. 9.3 NEMO HA. 2. 9. 4. NEMO HA. 2. 9. 3. NEMO HA. 2. 10. 3. NEMO HA. 2. 10. 2. NEMO HA. 2. 10. 3. NEMO HA. 2. 10. 10. NEMO HA. 2. 10. 5. NEMO HA. 2. 10. 6. NEMO HA. 2. 11. 4. NEMO HA. 2. 11. 4.	
									NEMO-HA, 3, 1, 1, NEMO-HA, 3, 1, 2, NEMO-HA, 3, 1, 3, NEMO-HA, 3, 1, 4, NEMO-HA, 3, 1, 6, NEMO-HA, 3, 1, 10, NEMO-HA, 3, 1, 10, NEMO-HA, 3, 1, 10, NEMO-HA, 3, 3, 1, 10, NEMO-HA, 3, 3, 2, NEMO-HA, 3, 3, 3, 4, NEMO-HA, 3, 3, 3, 4, NEMO-HA, 3, 3, 5, NEMO-HA, 3, 3, 8, NEMO-HA, 3, 3, 7, NEMO-HA, 3, 3, 8,	
									NEMO HA, 3, 4, 1.NEMO HA, 3, 4, 2, NEMO HA, 3, 4, 3.NEMO HA, 3, 4, 4, NEMO HA, 3, 4, 5.NEMO HA, 3, 4, 6, NEMO HA, 3, 4, 7.NEMO HA, 3, 4, 8, NEMO HA, 3, 4, 11.NEMO HA, 3, 4, 12, NEMO HA, 3, 4, 11.NEMO HA, 3, 4, 12, NEMO HA, 3, 4, 13.NEMO HA, 3, 4, 14, NEMO HA, 3, 4, 15.NEMO HA, 3, 4, 14, NEMO HA, 3, 4, 15.NEMO HA, 3, 4, 14,	
									NEMO HA. 4.2. I. NEMO HA. 4.2. 2. NEMO HA. 4.2. 3. NEMO HA. 4.2. 4. NEMO HA. 4.2. 3. NEMO HA. 4.2. 6. NEMO HA. 4.2. 5. NEMO HA. 4.2. 6. NEMO HA. 4.2. 5. NEMO HA. 4.2. 6. NEMO HA. 4.2. 9. NEMO HA. 4.2. 10. NEMO HA. 4.2. 11. NEMO HA. 4.2. 12. NEMO HA. 4.2. 12. NEMO HA. 4.2. 14. NEMO HA. 4.2. 13. NEMO HA. 4.2. 14. NEMO HA. 4.2. 15. NEMO HA. 4.2. 16.	
									NEMO HA. 4.3. 1. NEMO HA. 4.3. 2. NEMO HA. 4.3. 3. NEMO HA. 3. 3. 4. NEMO HA. 4.3. 3. NEMO HA. 3. 4. NEMO HA. 4.3. 3. NEMO HA. 3. 5. NEMO HA. 4.3. 9. NEMO HA. 4.3. 1. NEMO HA. 4.3. 9. NEMO HA. 4.3. 1. NEMO HA. 4.3. 1. 1. NEMO HA. 4.3. 1.2. NEMO HA. 4.3. 1. 2. NEMO HA. 4.3. 1.2. NEMO HA. 4.3. 1. 3. NEMO HA. 4.3. 1.4. NEMO HA. 4.3. 1.5. NEMO HA. 4.3. 1.6.	
									NEMO-HA, 4, 4, 1.NEMO-HA, 4, 4, 2, NEMO-HA, 4, 4, 4, NEMO-HA, 4, 4, 3.NEMO-HA, 4, 4, 4, NEMO-HA, 4, 4, 6, NEMO-HA, 4, 7, NEMO-HA, 4, 4, 6, NEMO-HA, 4, 4, 7, NEMO-HA, 4, 4, 13, NEMO-HA, 4, 4, 13, NEMO-HA, 4, 4, 15, NEMO-HA, 4, 4, 16, NEMO-HA, 4, 4, NEMO-HA, 4, NEMO-	
									NEMO-HA, 5,1,1,NEMO-HA, 5,1,2, NEMO-HA, 5,1,3,NEMO-HA, 5,1,4, NEMO-HA, 5,2,1,NEMO-HA, 5,2,2, NEMO-HA, 5,2,3,NEMO-HA, 5,2,4, NEMO-HA, 5,3,3,NEMO-HA, 5,3,4, NEMO-HA, 5,3,3,NEMO-HA, 5,3,6, NEMO-HA, 5,3,3,NEMO-HA, 5,3,6, NEMO-HA, 5,5,3,	



N	RFC	RFC	τ.	E .: 10 .: .:	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l		Supported	Test No.	TEST Priority
									NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 2, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 6, NEMO-HA, 5, 4, 6, NEMO-HA, 5, 4, 7, NEMO-HA, 5, 4, 8, NEMO-HA, 5, 4, 9, NEMO-HA, 5, 4, 10, NEMO-HA, 5, 5, 1, NEMO-HA, 5, NEMO-	
									NEMO-HA, 8,1,1,NEMO-HA, 6,1,2, NEMO-HA, 8,2,1,NEMO-HA, 6,2,2, NEMO-HA, 8,2,3,NEMO-HA, 6,2,4, NEMO-HA, 9,1,1,NEMO-HA, 6,4,2, NEMO-HA, 9,1,3,NEMO-HA, 6,4,4, NEMO-HA, 9,3,NEMO-HA, 6,3,4, NEMO-HA, 9,3,3,NEMO-HA, 6,3,4,	
									NEMO-HA, 6, 6, 1, NEMO-HA, 6, 6, 2, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, 6, NEMO-HA, 6, 6, 7, NEMO-HA, 6, 6, 10, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 6, 1, NEMO-HA, 6, 6, 1, NEMO-HA, 6, 1, NEMO-HA, 6, 7, 1, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 6, NEMO-HA, 6, NEMO-HA	
									NEMO-HA, 9_1_1, NEMO-HA, 9_1_2, NEMO-HA, 9_1_5, NEMO-HA, 9_1_4, NEMO-HA, 9_1_5, NEMO-HA, 9_1_6, NEMO-HA, 9_1_7, NEMO-HA, 9_1_6, NEMO-HA, 9_1_7, NEMO-HA, 9_1_1, NEMO-HA, 9_1_1, NEMO-HA, 9_1_12, NEMO-HA, 9_1_13, NEMO-HA, 9_1_14, NEMO-HA, 9_1_15, NEMO-HA, 9_1_16,	
									NEMO-HA.8.1.1.NEMO-HA.8.1.7. NEMO-HA.8.1.15.	Real Home link, IKE Real Home link,
									NEMO-HA, 9, 2, 1, NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 4, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 6, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 18, NEMO-HA, 9, NEMO-HA,	MPS/MPA Real Home link, Network mobility(same HA)
35				The home agent MUST still retain the registration for the Lifetime period, even if the mobile node does not refresh its registration within the Refresh period.	MUST	A	A2	Х	NEMO-HA_2_1_8	Viratual Home link, (This function is implementaion-dependent. It does not effect on interoperability. *Binding Refresh Advice mobility option)
									NEMO-HA_2_1_4.	Real Home link, (This function is implementaion-dependent. It does not effect on interoperability. *Binding Refresh Advice mobility option)



No	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
	Section	Section title	Item	·	Status	l	Priority	Supported	Test No.	TEST Priority
No. 36			Item	Functional Specification The rules for selecting the Destination IP address (and possibly routing header construction) for the Binding Acknowledgement to the mobile node are the same as in Section 9.5.4. (Section 9.5.4) If the Source Address field of the IPv6 header that carried the Binding Update does not contain a unicast address, the Binding Acknowledgement MUST NOT be sent, and the Binding Update packet MUST be silently discarded. Otherwise, the acknowledgement MUST be sent to the Source Address. Unlike the treatment of regular packets, this addressing procedure does not use information from the Binding Cache. However, a routing header is needed in some cases. If the Source Address is the home address of the mobile node, i.e., the Binding Update did not contain a Home Address destination option, then the Binding Acknowledgement MUST be sent to that address, and the routing header MUST NOT be used. Otherwise, the Binding Acknowledgement MUST be sent using a type 2 routing header which contains the mobile node's home address.		Functiona 1 A		Supported X	Test No. NEMOHA 2.1.5 NEMOHA 2.1.7. NEMOHA 2.2.1 NEMOHA 2.2.12. NEMOHA 2.2.1 NEMOHA 2.2.12. NEMOHA 2.2.1 NEMOHA 2.2.5. NEMOHA 2.2.7 NEMOHA 2.5.8. NEMOHA 2.5.7 NEMOHA 2.5.8. NEMOHA 2.5.1 NEMOHA 2.5.10. NEMOHA 2.5.1 NEMOHA 2.5.12. NEMOHA 2.5.1 NEMOHA 2.5.12. NEMOHA 2.5.1 NEMOHA 2.5.12. NEMOHA 2.7.3 NEMOHA 2.5.12. NEMOHA 2.7.3 NEMOHA 2.7.8. NEMOHA 2.7.3 NEMOHA 2.7.8. NEMOHA 2.7.3 NEMOHA 2.7.8. NEMOHA 2.8.1 NEMOHA 2.8.12. NEMOHA 2.8.1 NEMOHA 2.9.12. NEMOHA 2.8.1 NEMOHA 2.9.12. NEMOHA 2.9.1 NEMOHA 2.9.12.	
									NEMO-HA 2, 10, 12, NEMO-HA 2, 12, 4, NEMO-HA 3, 1, 11, NEMO-HA, 3, 1, 12, NEMO-HA 3, 4, 18, NEMO-HA, 3, 1, 17, NEMO-HA 3, 4, 18, NEMO-HA, 3, 1, 19, NEMO-HA 3, 4, 20,	



No	RFC	RFC	Itom	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO-HA, 5.1, 5.NEMO-HA, 5.1, 6. NEMO-HA, 5.1, 7. NEMO-HA, 5.2, 5.NEMO-HA, 5.2, 6. NEMO-HA, 5.2, 7.NEMO-HA, 5.2, 8. NEMO-HA, 5.2, 7.NEMO-HA, 5.3, 10. NEMO-HA, 5.3, 9.NEMO-HA, 5.3, 10. NEMO-HA, 5.3, 12.	
									NEMO-HA, S. 4, 3.NEMO-HA, S. 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 5, 4, 13, 12, NEMO-HA, S. 4, 14, 15, 15, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16	
									NEMO-HA, S. 1, 3, NEMO-HA, S. 1, 4, NEMO-HA, S. 4, 5, NEMO-HA, S. 4, 6, NEMO-HA, S. 4, 7, NEMO-HA, S. 4, 8, NEMO-HA, S. 5, NEMO-HA, S. 5, 6, NEMO-HA, S. 5, 7, NEMO-HA, S. 5, 8,	
									NEMO HA, 8, 6, 3, NEMO HA, 8, 6, 4, NEMO HA, 9, 6, 12, NEMO HA, 9, 6, 12, NEMO HA, 9, 6, 13, NEMO HA, 8, 6, 17, NEMO HA, 8, 6, 17, NEMO HA, 8, 6, 17, NEMO HA, 8, 7, NEMO HA, 8, 7, NEMO HA, 8, 7, NEMO HA, 8, 7, 8, NEMO HA, 8, 7, 8, NEMO HA, 8, 7, 8, NEMO HA, 8, 1, 16, NEMO HA, 8, NEMO HA,	
									NEMO-HA, 9, 1, 17, NEMO-HA, 9, 1, 18, NEMO-HA, 9, 1, 19, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 22, NEMO-HA, 9, 1, 24, NEMO-HA, 9, 1, 24, NEMO-HA, 9, 1, 26, NEMO-HA, 9, 1, 26, NEMO-HA, 9, 1, 27, NEMO-HA, 9, 1, 28, NEMO-HA, 9, 1, 28, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 30, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 32, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1	
							A2	X		Virtual Home link, IKE
									NEMO-HA_8_1_2.NEMO-HA_8_1_8, NEMO-HA_8_1_16.	Virtual Home link, MPS/MPA
									NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 22, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 26, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28,	Virtual Home link, Network mobility(same HA)
									NEMO HA, 1,1,5,NEMO HA, 1,1,6, NEMO HA, 2,1,1,7EMO HA, 2,1,2, NEMO HA, 2,1,3,NEMO HA, 2,1,4, NEMO HA, 2,1,3,NEMO HA, 2,1,5, NEMO HA, 2,1,6,NEMO HA, 2,1,5, NEMO HA, 2,2,9,NEMO HA, 2,2,10, NEMO HA, 2,2,9,NEMO HA, 2,2,10, NEMO HA, 2,2,10,NEMO HA, 2,2,10, NEMO HA, 2,2,2,20, NEMO HA, 2,2,20, NEMO HA, 2,20,20, NEMO HA	Real Home link



No.	RFC	RFC	Item	Functional Specification		Functiona	TEST		Test PROFILE	Reason of
INU.	Section	Section title	Item	runctional Specification	Status	1	Priority	Supported	Test No.	TEST Priority
									NEMO-HA, 2.3., INEMO-HA, 2.3.2. NEMO-HA, 2.5., INEMO-HA, 2.5.2. NEMO-HA, 2.5., INEMO-HA, 2.5.2. NEMO-HA, 2.6., INEMO-HA, 2.6.2. NEMO-HA, 2.6., INEMO-HA, 2.6.2. NEMO-HA, 2.6., SNEMO-HA, 2.6.4. NEMO-HA, 2.6.5. NEMO-HA, 2.6.6.	
									NEMO HA, 2, 7, 1.NEMO HA, 2, 7, 2, NEMO HA, 2, 7, 5.NEMO HA, 2, 7, 6, NEMO HA, 2, 8, 1.NEMO HA, 2, 8, 2, NEMO HA, 2, 8, 3.NEMO HA, 2, 8, 4, NEMO HA, 2, 8, 5.NEMO HA, 2, 8, 6,	
									NEMO HA. 2. 9. I. NEMO HA. 2. 9. 2. NEMO HA. 2. 9. 3. NEMO HA. 2. 9. 4. NEMO HA. 2. 9. 5. NEMO HA. 2. 10. 2. NEMO HA. 2. 10. 3. NEMO HA. 2. 10. 2. NEMO HA. 2. 10. 3. NEMO HA. 2. 10. 6. NEMO HA. 2. 10. 6. NEMO HA. 2. 11. 4. NEMO HA. 2. 12. 1.	
									NEMO HA. 3.1.1.NEMO HA. 3.1.2. NEMO HA. 3.1.3.NEMO HA. 3.1.4. NEMO HA. 3.1.5.NEMO HA. 3.1.6. NEMO HA. 3.1.7.NEMO HA. 3.1.8. NEMO HA. 3.1.7.NEMO HA. 3.1.10. NEMO HA. 3.3.1.NEMO HA. 3.3.2. NEMO HA. 3.3.5.NEMO HA. 3.3.8. NEMO HA. 3.3.5.NEMO HA. 3.3.8.	
									NEMO HA, 3, 4, 1, NEMO HA, 3, 4, 2, NEMO HA, 2, 4, 3, NEMO HA, 3, 2, 4, NEMO HA, 3, 4, 5, NEMO HA, 3, 4, 6, NEMO HA, 3, 4, 7, NEMO HA, 3, 4, 8, NEMO HA, 3, 4, 9, NEMO HA, 3, 4, 10, NEMO HA, 3, 4, 11, NEMO HA, 3, 4, 12, NEMO HA, 3, 4, 11, NEMO HA, 3, 4, 14, NEMO HA, 3, 4, 13, NEMO HA, 3, 4, 14, NEMO HA, 3, 4, 15,	
									NEMO HA, 4, 2, 1, NEMO HA, 4, 2, 2, NEMO HA, 4, 2, 3, NEMO HA, 4, 2, 4, 4, 4, 2, 5, NEMO HA, 4, 2, 6, NEMO HA, 4, 2, 6, NEMO HA, 4, 2, 7, NEMO HA, 4, 2, 8, NEMO HA, 4, 2, 8, NEMO HA, 4, 2, 1, NEMO HA, 4, 2, 1, 1, NEMO H	
									NEMO-HA_4_3_1.NEMO-HA_4_3_2, NEMO-HA_4_3_3.NEMO-HA_4_3_4, NEMO-HA_4_3_5.NEMO-HA_4_3_8, NEMO-HA_4_3_7.NEMO-HA_4_3_18, NEMO-HA_4_3_7.NEMO-HA_4_3_12, NEMO-HA_4_3_1.NEMO-HA_4_3_12, NEMO-HA_4_3_1.NEMO-HA_4_3_14, NEMO-HA_4_3_1.NEMO-HA_4_3_14,	



NI-	RFC	RFC	Ta	Franchismal Consideration	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
									NEMO HA. 4.4.1 NEMO HA. 4.4.2 NEMO HA. 4.4.3 NEMO HA. 4.4.4 NEMO HA. 4.4.5 NEMO HA. 4.4.6 NEMO HA. 4.4.7 NEMO HA. 4.4.6 NEMO HA. 4.4.3 NEMO HA. 4.4.13 NEMO HA. 4.4.14 NEMO HA. 4.13	
									NEMO HA, 5,1,1,NEMO HA, 5,1,2, NEMO HA, 5,1,3,NEMO HA, 5,1,4, NEMO HA, 5,2,1,NEMO HA, 5,2,2, NEMO HA, 5,2,3,NEMO HA, 5,2,4, NEMO HA, 2,3,3,NEMO HA, 5,3,4, NEMO HA, 3,3,3,NEMO HA, 5,3,6, NEMO HA, 5,3,5,NEMO HA, 5,3,6, NEMO HA, 5,3,5,NEMO HA, 5,3,6,	
									NEMO HA, 5, 4, 1. NEMO HA, 5, 4, 2. NEMO HA, 5, 4, 5. NEMO HA, 5, 4, 8. NEMO HA, 5, 4, 7. NEMO HA, 5, 4, 8. NEMO HA, 5, 4, 9. NEMO HA, 5, 4, 10. NEMO HA, 5, 5, 1. NEMO HA, 5, 5, 3.	
									NEMO HA, 6,1,1,NEMO HA, 6,1,2 NEMO HA, 6,2,1,NEMO HA, 6,2,2 NEMO HA, 6,2,3,NEMO HA, 6,2,4 NEMO HA, 6,4,1,NEMO HA, 6,4,2 NEMO HA, 6,4,1,NEMO HA, 6,5,4 NEMO HA, 6,5,3,NEMO HA, 6,5,2 NEMO HA, 6,5,3,NEMO HA, 6,5,2	
									NEMO-HA, 8, 8, 1, NEMO-HA, 8, 8, 2, NEMO-HA, 8, 9, 5, NEMO-HA, 8, 9, 5, NEMO-HA, 8, 9, 8, NEMO-HA, 8, 6, 10, NEMO-HA, 8, 6, 10, NEMO-HA, 8, 6, 11, NEMO-HA, 8, 6, 11, NEMO-HA, 8, 7, 1, NEMO-HA, 8, 7, 1, NEMO-HA, 8, 7, 5, NEMO-HA, 8, 7, 8, NEMO-HA, 8, 7, 8, NEMO-HA, 8, 7, 8, NEMO-HA, 8, 7, 8, NEMO-HA,	
									NEMO-HA, 9,1,1,NEMO-HA, 9,1,2, NEMO-HA, 9,1,3,NEMO-HA, 9,1,4, NEMO-HA, 9,1,5,NEMO-HA, 9,1,6, NEMO-HA, 9,1,5,NEMO-HA, 9,1,8, NEMO-HA, 9,1,9,NEMO-HA, 9,1,1,8, NEMO-HA, 9,1,1,NEMO-HA, 9,1,2,1,4, NEMO-HA, 9,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,	
										Real Home link, IKE
									NEMO-HA_8_1_1.NEMO-HA_8_1_7. NEMO-HA_8_1_15.	Real Home link, MPS/MPA
									NEMO HA. 9.2. INEMO-HA. 9.2. 2. NEMO HA. 9.2. 3. NEMO HA. 9.2. 4. NEMO HA. 9.2. 5. NEMO HA. 9.2. 6. NEMO HA. 9.2. 7. NEMO HA. 9.2. 6. NEMO HA. 9.2. 9. NEMO HA. 9.2. 10. NEMO HA. 9.2. 11. NEMO HA. 9.2. 11. NEMO HA. 9.2. 12. NEMO HA. 9.2. 12. NEMO HA. 9.2. 13. NEMO HA. 9.2. 14.	Real Home link, Network mobility(same HA)
									раемо-114_9_2_13,NEMO-114_9_2_14,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
	Section	Section title	Heili	-	Status	l	Priority	Supported	Test No.	TEST Priority
37				In addition, the home agent MUST follow the procedure defined in Section 10.4.1 to intercept packets on the mobile node's home link addressed to the mobile node, while the home agent is serving as the home agent for this mobile node. (Section 10.4.1) While a node is serving as the home agent for mobile node it MUST attempt to intercept packets on the mobile node's home link that are addressed to the mobile node. In order to do this, when a node begins serving as the home agent it MUST multicast onto the home link a Neighbor Advertisement message[12] on behalf of the mobile node. For the home address specified in the Binding Update, the home agent sends a Neighbor Advertisement message [12] to the all-nodes multicast address on the home link, to advertise the home agent's own link-layer address for this IP address on behalf of the mobile node. If the Link-Layer Address Compatibility (L) flag has been specified in the Binding Update, the home agent MUST do the same for the link-local address of the mobile node.	MUST	A	Al	X	NEMO-HA, 5.1,5.NEMO-HA, 5.1,6. NEMO-HA, 5.2,5.NEMO-HA, 5.2,6. NEMO-HA, 5.2,7.NEMO-HA, 5.2,6. NEMO-HA, 5.2,7.NEMO-HA, 5.2,8. NEMO-HA, 5.2,7.NEMO-HA, 5.4,13. NEMO-HA, 5.4,13.NEMO-HA, 5.4,13. NEMO-HA, 5.4,13.NEMO-HA, 5.4,17. NEMO-HA, 5.4,18.NEMO-HA, 5.4,17. NEMO-HA, 5.4,18.NEMO-HA, 5.4,17. NEMO-HA, 5.4,18. NEMO-HA, 5.5,4.NEMO-HA, 5.5,6.	Virtual Home link
									NEMO-HA. 9. J. 17. NEMO-HA. 9. J. J. 8. NEMO-HA. 9. J. 19. NEMO-HA. 9. J. 21. NEMO-HA. 9. J. 22. NEMO-HA. 9. J. 23. NEMO-HA. 9. J. 24. NEMO-HA. 9. J. 25. NEMO-HA. 9. J. 28. NEMO-HA. 9. J. 27. NEMO-HA. 9. J. 28. NEMO-HA. 9. J. 29. NEMO-HA. 9. J. 30. NEMO-HA. 9. J. 31. NEMO-HA. 9. J. 30. NEMO-HA. 9. J. 31.	
							A2	Х	NEMO-HA, 9, 2, 18. NEMO-HA, 9, 2, 16. NEMO-HA, 9, 2, 17. NEMO-HA, 9, 2, 21. 8. NEMO-HA, 9, 2, 20. NEMO-HA, 9, 20. NEMO-HA, 9, 20. NEMO-HA, 9, 20. NEMO-HA, 9, 20. NEM	Virtual Home link, Network mobility(same HA)
									NEMO-HA, 4, 1, 1, NEMO-HA, 4, 1, 2, NEMO-HA, 4, 1, 3, NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 0, NEMO-HA, 4, 2, 0, NEMO-HA, 4, 2, 0, NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, NEMO-HA, 4,	Real Home link



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST	Test PROFILE	Reason of
INO.	Section	Section title	Item	Functional Specification	Status	l	Priority	Test No.	TEST Priority
								NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, 2, NEMO-HA, 4, 3, 3, NEMO-HA, 4, 3, 4, NEMO-HA, 4, 3, 5, NEMO-HA, 4, 3, 4, NEMO-HA, 4, 3, 7, NEMO-HA, 4, 3, 7, NEMO-HA, 4, 3, 10, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 14, NEMO-HA, 4, 3, 13, NEMO-HA, 4, 3, 14, NEMO-HA, 4, 3, 16, NEMO-HA, 4, 4, 14, NEMO-HA, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	
								NEMO HA, 5, 1, 1, NEMO HA, 5, 1, 2, NEMO HA, 5, 1, 1, 1, NEMO HA, 5, 1, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	
								NEMO HA. 5. 4. I.NEMO HA. 5. 4. 2. NEMO HA. 5. 4. 5.NEMO HA. 5. 4. 6. NEMO HA. 5. 4. 7. NEMO HA. 5. 4. 8. NEMO HA. 5. 4. 9. NEMO HA. 5. 4. 10. NEMO HA. 5. 5. 1. NEMO HA. 5. 5. 1. NEMO HA. 5. 5. 1. NEMO HA. 5. 5. 3.	
								NEMO-HA, 9, 1, 1, NEMO-HA, 9, 1, 2, NEMO-HA, 9, 1, 3, NEMO-HA, 9, 1, 5, NEMO-HA, 9, 1, 6, NEMO-HA, 9, 1, 1, NEMO-HA, 9, 1, 1, NEMO-HA, 9, 1, 1, NEMO-HA, 9, 1, 10, NEMO-HA, 9, 1, 1, NEMO-HA, 9, 1, 1, NEMO-HA, 9, 1, 1, NEMO-HA, 9, 1, 14, NEMO-HA, 9, 1, 15, NEMO-HA, 9, 1, 14, NEMO-HA, 9, 1, 15, NEMO-HA, 9, 1, 16, NEMO-HA, 9, 1, 15, NEMO-HA, 9, 1, 16, NEMO-HA, 9, 1, 15, NEMO-HA, 9, 1, 16, NEMO-HA, 9,	
								NEMO HA, 9, 2, 1, NEMO HA, 9, 2, 2, NEMO HA, 9, 2, 3, NEMO HA, 9, 2, 4, NEMO HA, 9, 2, 5, NEMO HA, 9, 2, 6, NEMO HA, 9, 2, 7, NEMO HA, 9, 2, 16, NEMO HA, 9, 2, 9, NEMO HA, 9, 2, 10, NEMO HA, 9, 2, 11, NEMO HA, 9, 2, 12, NEMO HA, 9, 2, 13, NEMO HA, 9, 2, 14,	Real Home link, Network mobility(same HA)



N.T.	RFC	RFC	т.	F .: 10 .:0 .:	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	1		Supported	Test No.	TEST Priority
38	Section	Section title		The home agent MUST also be prepared to accept reverse tunneled packets from the new care-of address of the mobile node, as described in Section 10.4.5. (Section 10.4.5) The tunneled traffic arrives to the home agent's address using IPv6 encapsulation [15]. When a home agent decapsulates a tunneled packet from the mobile node, the home agent MUST verify that the Source Address in the tunnel IP header is the mobile node's primary care-of address. Otherwise, any node in the Internet could send traffic through the home agent and escape ingress filtering limitations.	MUST	A	A1	X	NEMO-HA, 8, 1,3.NEMO-HA, 8, 1,4. NEMO-HA, 8, 2,5.NEMO-HA, 8, 2,4. NEMO-HA, 8, 4,5.NEMO-HA, 8, 4,8. NEMO-HA, 8, 5,7.NEMO-HA, 6, 1,8. NEMO-HA, 8, 5,7.NEMO-HA, 6, 5,8. NEMO-HA, 8, 5,7.NEMO-HA, 8, 5,8. NEMO-HA, 8, 1,5.NEMO-HA, 8, 1,8. NEMO-HA, 8, 1,5.NEMO-HA, 8, 1,5. NEMO-HA, 8, 1,5.NEMO-HA, 8, 1,5. NEMO-HA, 8, 1,7.NEMO-HA, 8, 1,7. NEMO-HA, 8, 1,7.NEMO-HA, 9, 1,8. NEMO-HA, 8, 1,7.NEMO-HA, 9, 1,8. NEMO-HA, 8, 1,7.NEMO-HA, 9, 1,9. NEMO-HA, 9, 1,7. NEMO-HA, 9, 1	Virtual Home link
							A2		NEMO-HA 9, 1, 28 NEMO-HA 9, 1, 30, NEMO-HA 9, 1, 31 NEMO-HA 9, 1, 31 NEMO-HA 9, 1, 32, 18, NEMO-HA 9, 2, 18, NEMO-HA 9, 2, 18, NEMO-HA 9, 2, 19, NEMO-HA 9, 2, 18, NEMO-HA 9, 2, 10, NEMO-HA 9, 2, 20, NEMO-HA 9, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20	Virtual Home link, Network mobility(same HA) Real Home link



N	RFC	RFC	т.	F .: 10 .:0 .:	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	1		Supported	Test No.	TEST Priority
									NEMO-HA. 9, 1,1 NEMO-HA. 9, 1,2 NEMO-HA. 9, 1,5 NEMO-HA. 9, 1,4 NEMO-HA. 9, 1,5 NEMO-HA. 9, 1,6 NEMO-HA. 9, 1,7 NEMO-HA. 9, 1,8 NEMO-HA. 9, 1,9 NEMO-HA. 9, 1,10 NEMO-HA. 9, 1,1 NEMO-HA. 9, 1,12 NEMO-HA. 9, 1,1 SNEMO-HA. 9, 1,14 NEMO-HA. 9, 1,1 SNEMO-HA. 9, 1,14 NEMO-HA. 9, 1,1 SNEMO-HA. 9, 1,16	
									NEMO HA, 9, 2, 1.NEMO HA, 9, 2, 2, NEMO HA, 2, 2, 3.NEMO HA, 9, 2, 4, NEMO HA, 2, 2, 5.NEMO HA, 9, 2, 6, NEMO HA, 2, 2, 7.NEMO HA, 9, 2, 8, NEMO HA, 2, 2, 9.NEMO HA, 9, 2, 10, NEMO HA, 3, 2, 11.NEMO HA, 3, 2, 12, NEMO HA, 3, 2, 13.NEMO HA, 9, 2, 14,	Real Home link, Network mobility(same HA)
39				Finally, the home agent MUST also propagate new home network prefixes, as described in Section 10.6.	MUST	A	A2	Х	NEMO-HA_8_1_2.NEMO-HA_8_1_8. NEMO-HA_8_1_16.	Virtual Home link, MPS/MPA
				(Section 10.6.2) The valid or preferred lifetime or the state of the flags changes for the prefix of the mobile node's registered home address. The mobile node requests the information with a Mobile Prefix Solicitation (see Section 11.4.2). A new prefix is added to the aggregate list.					NEMO-HA.S.L.I.NEMO-HA.S.L.7. NEMO-HA.S.L.I.5.	Real Home link, MPS/MPA
		Primary Care- of Address De- Registration		A Binding Update is validated and authorized in the manner described in the previous section;	(do)	A	A1	X	NEMO-HA, 3, 1, 11.NEMO-HA, 3, 2, 12. NEMO-HA, 3, 2, 11.NEMO-HA, 3, 2, 12. NEMO-HA, 3, 4, 10.NEMO-HA, 3, 4, 17. NEMO-HA, 3, 4, 18.NEMO-HA, 3, 4, 19. NEMO-HA, 3, 4, 20.	Virtual Home link
							A2	Х	NEMO HA. 3. J. I. NISMO HA. 3. J. 2. NEMO-HA. 3. J. 5. NEMO HA. 3. J. 4. NEMO-HA. 3. J. 5. NEMO HA. 3. J. 8. NEMO-HA. 3. J. 7. NEMO HA. 3. J. 18. NEMO-HA. 3. J. 9. NEMO HA. 3. J. 10. NEMO-HA. 3. J. 9. NEMO HA. 3. J. 2. NEMO-HA. 3. Z. 3. NEMO HA. 3. Z. 2. NEMO-HA. 3. Z. 3. NEMO HA. 3. Z. 6. NEMO-HA. 3. Z. 7. NEMO HA. 3. Z. 8. NEMO-HA. 3. Z. 7. NEMO HA. 3. Z. 10.	Real Home link



NI-	RFC	RFC	Ta	Emplimation 1 Consideration	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
								<u> Зарря (са</u>	NEMO HA, 3, 2, 1 NEMO HA, 3, 3, 4, NEMO HA, 3, 3, 5, NEMO HA, 3, 3, 8, NEMO HA, 3, 4, 3, NEMO HA, 3, 4, 1, NEMO HA, 4, 4, 8, NEMO HA, 4, 4, 7, NEMO HA, 4, 4, 8, NEMO HA, 4, 4, 1, NEMO HA, 4, 4, NEMO HA, 4, 4, 1, NEMO HA, 4, 4, NEMO HA, 4, 4, 1, NEMO HA, 4, 4, 1, NEMO HA, 4, 4, NEMO HA, 4, 4, 1, NEMO HA, 4, 2, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, N	
40			Binding Update, the home agent MUST perform the following test:	o If the receiving node has no entry marked as a home registration in its Binding Cache for this mobile node, then this node MUST reject the Binding Update and SHOULD return a Binding Acknowledgement to the mobile node, in which the Status field is set to 133 (not home agent for this mobile node).	MUST	A	A1	x	NEMO-HA, 3, 2, 11, NEMO-HA, 3, 2, 2, 12, NEMO-HA, 3, 2, 2, NEMO-HA, 3, 2, 4, NEMO-HA, 3, 2, 6, NEMO-HA, 3, 2, 8, NEMO-HA, 3, 2, 8, NEMO-HA, 3, 2, 9, NEMO-HA, 3, 2, 8, NEMO-HA, 3, 2, 9, NEMO-HA, 3, 2, 10, NEMO-HA, 3, 2, 9, NEMO-HA, 3, 2, 10, NEMO-HA, 3, 2, 9, NEMO-HA, 3, 2, 10, N	Virtual Home link Real Home link



No. RFC	RFC	Term	F	RFC	Functiona	TEST		Test PROFILE	Reason of
No. Section	Section title	Item	Functional Specification	Status	l		Supported	Test No.	TEST Priority
41				SHOULD	A	A1	х	NEMO-HA, 3, 2, 11. NEMO-HA, 3, 2, 12.	Virtual Home link
						A2		NEMO-HA, 3, 2, 1.NEMO-HA, 3, 2, 2. NEMO-HA, 3, 2, 3.NEMO-HA, 3, 2, 4. NEMO-HA, 3, 2, 5.NEMO-HA, 3, 2, 6. NEMO-HA, 3, 2, 7.NEMO-HA, 3, 2, 8. NEMO-HA, 3, 2, 9.NEMO-HA, 3, 2, 10.	Real Home link
42			If the home agent does not reject the Binding Update as described above, then it MUST delete any existing entry in its Binding Cache for this mobile node.	MUST	A	A2	х	NEMO HA.3.1.1 INEMO HA.3.1.12 NEMO HA.3.4.18 NEMO HA.3.4.17 NEMO HA.3.4.18 NEMO HA.3.4.19 NEMO HA.3.4.20	Virtual Home link



N	RFC	RFC	T.	E 10	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	1	Priority	Supported	Test No.	TEST Priority
No.			Item	Functional Specification				Х		
43				o The Status field MUST be set to a value 0, indicating	MUST	A	A1		NEMO HA, 3, 4, 1, NEMO HA, 3, 4, 4, 8, NEMO HA, 3, 4, 3, NEMO HA, 3, 4, 6, NEMO HA, 3, 4, 7, NEMO HA, 3, 4, 8, NEMO HA, 3, 4, 7, NEMO HA, 3, 4, 10, NEMO HA, 3, 4, 11, NEMO HA, 3, 4, 11, NEMO HA, 3, 4, 12, NEMO HA, 3, 4, 13, NEMO HA, 3, 4, 14, NEMO HA, 3, 4, 13, NEMO HA, 3, 4, 14, NEMO HA, 4, 4, NEMO HA, 4, 5, NEMO HA, 6, 2, 3, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 3, NEMO HA, 6, 2, 4, NEMO HA, 6, 7, 3, NEMO HA, 6, 7, 4, NEMO HA, 3, 1, 11, NEMO HA, 3, 1, 12, NEMO HA, 3, 1, 11, NEMO HA, 3, 1, 17, NEMO HA, 3, 17, NEMO HA,	Virtual Home link
			MUST return a Binding Acknowledgement to the mobile node,						NEMO-HA_3_4_18.NEMO-HA_3_4_19, NEMO-HA_3_4_20.	
			constructed as follows:				A2	X	NEMO-HA, 3.1., INEMO-HA, 3.1.2. NEMO-HA, 3.1, SNEMO-HA, 3.1.4. NEMO-HA, 3.1, SNEMO-HA, 3.1.6. NEMO-HA, 3.1, TNEMO-HA, 3.1.8. NEMO-HA, 3.1, 9, NEMO-HA, 3.1.10.	Real Home link



NI	RFC	RFC	T4	E	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l		Supported	Test No.	TEST Priority
									NEMO HA. 3, 4, 1 NEMO HA. 3, 4, 2, NEMO HA. 3, 4, 4, NEMO HA. 3, 4, 5, NEMO HA. 3, 4, 6, NEMO HA. 3, 4, 6, NEMO HA. 3, 4, 6, NEMO HA. 3, 4, 15, NEMO HA. 3, 4, 18, NEMO HA. 3, 4, 10, NEMO HA. 3, 4, 10, NEMO HA. 3, 4, 11, NEMO HA. 3, 4, 12, NEMO HA. 3, 4, 13, NEMO HA. 3, 4, 14, NEMO HA. 3, 4, 13, NEMO HA. 3, 4, 14, NEMO HA. 4, 4, 18, NEMO HA. 6, 7, 3, NEMO HA. 6, 2, 4, NEMO HA. 6, 7, 3, NEMO HA. 6, 7, 4, NEMO HA. 6, 7, 3, NEMO HA. 6, 7, 4, NEMO HA. 6, 7, 3, NEMO HA. 6, 7, 4, NEMO HA. 6, 7, 3, NEMO HA. 6, 7, 4, NEMO HA. 6, 7, 3, NEMO HA. 6, 7, 4, NEMO HA. 6, 7, 3, NEMO HA. 6, 7, 4, NEMO HA. 6, 7, 3, NEMO HA. 6, 7, 4, NEMO HA. 6, 7, 3, NEMO HA. 6, 7, 4, NEMO HA. 6, 7, 3, NEMO HA. 6, 7, 4, NEMO HA. 6, 7, 3, NEMO HA. 6, 7, 4, NEMO HA. 6, 7, 3, NEMO HA. 6, 7, 4, NEMO HA. 6, 7, 3, NEMO HA. 6, 7, 4, NEMO HA. 6, 7, 4, NEMO HA. 6, 7, 4, NEMO HA. 6, 7, 3, NEMO HA. 6, 7, 4,	
44				o The Key Management Mobility Capability (K) bit is set or cleared and actions based on its value are performed as described in the previous section. The mobile node's home address is used as its new care-of address for the purposes of moving the key management connection to a new endpoint.	(do)	A	A2	x		Virtual Home link, IKE Real Home link, IKE
45				o The Sequence Number field MUST be copied from the Sequence Number given in the Binding Update.	MUST	A	A1/A2	Х	NEMO-HA.3.L.11.NEMO-HA.3.L.12. NEMO-HA.3.4.16.NEMO-HA.3.4.17. NEMO-HA.3.4.18.NEMO-HA.3.4.19. NEMO-HA.3.4.20.	Virtual Home link



No	RFC	RFC	Item	Functional Specification	RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	rtem	Functional Specification	Status	1	Priority	Supported	Test No.	TEST Priority
							A2	Х	NEMO-HA.3.1,1.NEMO-HA.3.1,2. NEMO-HA.3.1,3.NEMO-HA.3.1,4. NEMO-HA.3.1,5.NEMO-HA.3.1,8. NEMO-HA.3.1,7.NEMO-HA.3.1,8. NEMO-HA.3.1,9.NEMO-HA.3.1,10.	Real Home link
									NEMO HA. 3. 4. I.NEMO HA. 3. 4. 2. NEMO HA. 3. 4. 3.NEMO HA. 3. 4. 4. NEMO HA. 3. 4. 5.NEMO HA. 3. 4. 6. NEMO HA. 3. 4. 7. NEMO HA. 3. 4. 8. NEMO HA. 3. 4. 9.NEMO HA. 3. 4. 8. NEMO HA. 3. 4. 11. NEMO HA. 3. 4. 12. NEMO HA. 3. 4. 13. NEMO HA. 3. 4. 12. NEMO HA. 3. 4. 13. NEMO HA. 3. 4. 14. NEMO HA. 3. 4. 13. NEMO HA. 3. 4. 14. NEMO HA. 3. 4. 15.	
									NEMO HA, 4, 1, NEMO HA, 4, 4, 2, NEMO HA, 4, 4, 3, NEMO HA, 4, 2, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	
46				o The Lifetime field MUST be set to zero.	MUST	A	A1	X	NEMO-HA_3_1_11.NEMO-HA_3_1_12, NEMO-HA_3_4_16.NEMO-HA_3_4_17, NEMO-HA_3_4_18.NEMO-HA_3_4_19, NEMO-HA_3_4_20,	Virtual Home link
ı							A2	X	NEMO-HA_3_1_1.NEMO-HA_3_1_2. NEMO-HA_3_1_3.NEMO-HA_3_1_4. NEMO-HA_3_1_5.NEMO-HA_3_1_6. NEMO-HA_3_1_7.NEMO-HA_3_1_8.	Real Home link
									NEMO-HA_3_1_5,NEMO-HA_3_1_6, NEMO-HA_3_1_7,NEMO-HA_3_1_8, NEMO-HA_3_1_9,NEMO-HA_3_1_10,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functiona			Test PROFILE	Reason of
INU.	Section	Section title	Item	runctional Specification	Status	l	Priority	Supported	Test No. NEMO-HA_3_4_1,NEMO-HA_3_4_2,	TEST Priority
									NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 4, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 4, NEMO-HA, 3, 4, 5, NEMO-HA, 3, 4, 7, NEMO-HA, 3, 4, 7, NEMO-HA, 3, 4, 7, NEMO-HA, 3, 4, 10, NEMO-HA, 3, 4, 11, NEMO-HA, 3, 4, 12, NEMO-HA, 3, 4, 13, NEMO-HA, 3, 4, 14, NEMO-HA, 3, 4, 15, NEMO-HA, 3, 4, 15, NEMO-HA, 3, 4, 15, NEMO-HA, 3, 4, 15, NEMO-HA, 3, 4, 16, NEMO-HA, 3, 4, 16, NEMO-HA, 3, 4, 16, NEMO-HA, 3, 4, 16, NEMO-HA, 3, 4, 17, NEMO-HA, 3, 4, 17, NEMO-HA, 3, 4, 17, NEMO-HA, 3, 4, 18, NEMO-HA, 3, 18, NEMO-HA, 3, 18, NEMO-HA,	
									NEMO HA, 4, 4, 1, NEMO HA, 4, 4, 2, NEMO HA, 4, 4, 3, NEMO HA, 4, 4, NEMO HA, 4, 4, 6, NEMO HA, 4, 4, 6, NEMO HA, 4, 4, 6, NEMO HA, 4, 4, 7, NEMO HA, 4, 4, 18, NEMO HA, 4, 4, 11, NEMO HA, 4, 4, 11, NEMO HA, 4, 4, 11, NEMO HA, 6, 2, 3, NEMO HA, 9, 2, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 2, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9, 7, 4, NEMO HA, 9, 7, 3, NEMO HA, 9,	
47	_			o The Binding Refresh Advice mobility option MUST be omitted.	MUST	A	A1/A2	X	NEMO-HA, 3, 1, 11, NEMO-HA, 3, 1, 12, NEMO-HA, 3, 4, 16, NEMO-HA, 3, 4, 17, NEMO-HA, 3, 4, 18, NEMO-HA, 3, 4, 19, NEMO-HA, 3, 4, 20,	Virtual Home link
							A2	х	NEMO HA, 3, 1, I.NEMO HA, 3, 1, 2, NEMO HA, 3, 1, 3, NEMO HA, 3, 1, 4, NEMO HA, 3, 1, 6, NEMO HA, 3, 1, 6, NEMO HA, 3, 1, 5, NEMO HA, 3, 1, 6, NEMO HA, 3, 1, 7, NEMO HA, 3, 1, 10, NEMO HA, 3, 1, NEMO HA, 3, 1, 10, NEMO HA, 3, 4, 1, NEMO HA, 3, 4, 10, NEMO HA, 3, 4, 10, NEMO HA, 3, 4, 10, NEMO HA, 3, 4, 11, NEMO HA, 3, 4, 15, NEMO HA, 4, 4, 1, NEMO HA, 6, 2, 3, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 3, NEMO HA, 6, 7, 4, NEMO	Real Home link
48				In addition, the home agent MUST stop intercepting packets on the mobile node's home link that are addressed to the mobile node (Section 10.4.1).	MUST	A	A2	х	NEMO 14. 4. 2. NEMO 14. 4. 4. 5. NEMO 14. 4. 2. 1. NEMO 14. 4. 2.	Real Home link



	RFC	RFC	_		RFC	Functiona	TEST		Test PROFILE	Reason of
No.	Section	Section title	Item	Functional Specification	Status	l	Priority	Supported	Test No.	TEST Priority
49	Section	Section title		The rules for selecting the Destination IP address (and, if required, routing header construction) for the Binding Acknowledgement to the mobile node are the same as in the previous section.	(do)	A	A1/A2	X	Test No. NEMO-HA_3_1_12	Virtual Home link
							A2	x	NEMO HA, 3, 1, 1, NEMO HA, 3, 1, 2, NEMO HA, 3, 1, 3, NEMO HA, 3, 1, 6, NEMO HA, 3, 1, 6, NEMO HA, 3, 1, 6, NEMO HA, 3, 1, 7, NEMO HA, 3, 1, 6, NEMO HA, 3, 1, 7, NEMO HA, 3, 2, 1, 8, NEMO HA, 3, 2, 1, NEMO HA, 3, 2, 3, NEMO HA, 3, 2, 2, NEMO HA, 3, 2, 3, NEMO HA, 3, 3, NEMO HA, 3, 3, NEMO HA, 3, 3, NEMO HA, 3, 4, 1, NEMO HA, 4, 4, 1, NEMO HA, 4, 4, 8, NEMO HA, 4, 4, 1, NEMO HA, 4, 4, 8, NEMO HA, 4, 2, 1, NEMO HA, 6, 2, 3, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 3, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 3, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 3, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 3, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 3, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 3, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 3, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 3, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 3, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 3, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 4, NEMO HA, 6, 2, 3, NEMO HA, 6, 2, 4, NEM	Real Home link



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functiona		Supported	Test PROFILE Test No.	Reason of TEST Priority
50	Section	Section that		When the Status field in the Binding Acknowledgement is greater than or equal to 128 and the Source Address of the Binding Update is on the home link, the home agent MUST send it to the mobile node's link layer address (retrieved either from the Binding Update or through Neighbor Solicitation).	MUST	A	A2	X		Real Home link

*1 Section 6.2 in RFC3963 relaxes this requirement so that the Home Agent rejects the Binding Update only if the Home Address does not belong to the prefix that the Home Agent is configured to



No.	RFC	RFC	Itom	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
INO.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	ů.
1		Mobile Node		While a node is serving as the home agent for mobile node it MUST attempt to intercept packets on the mobile node's home link that are addressed to the mobile node.	MUST	A	A1	X	NEMO-HA_5_1_5,NEMO-HA_5_1_6, NEMO-HA_5_1_7, NEMO-HA_5_2_5,NEMO-HA_5_2_6, NEMO-HA_5_2_8, NEMO-HA_5_4_3,NEMO-HA_5_4_4, NEMO-HA_5_4_12,NEMO-HA_5_4_13, NEMO-HA_5_4_14,NEMO-HA_5_4_15, NEMO-HA_5_4_16,NEMO-HA_5_4_17, NEMO-HA_5_4_18,NEMO-HA_5_5_6,	Virtual Home link
									NEMO-HA 9_1_17.NEMO-HA 9_1_18, NEMO-HA_9_1_19.NEMO-HA_9_1_21, NEMO-HA_9_1_22.NEMO-HA_9_1_23, NEMO-HA_9_1_24.NEMO-HA_9_1_25, NEMO-HA_9_1_26.NEMO-HA_9_1_27, NEMO-HA_9_1_28.NEMO-HA_9_1_29, NEMO-HA_9_1_30.NEMO-HA_9_1_31, NEMO-HA_9_1_32,	
							A2	X	NEMO-HA_9_2_15,NEMO-HA_9_2_16, NEMO-HA_9_2_17,NEMO-HA_9_2_18, NEMO-HA_9_2_19,NEMO-HA_9_2_20, NEMO-HA_9_2_21,NEMO-HA_9_2_22, NEMO-HA_9_2_23,NEMO-HA_9_2_24, NEMO-HA_9_2_25,NEMO-HA_9_2_26, NEMO-HA_9_2_27,NEMO-HA_9_2_28,	Virtual Home link, Network mobility(same HA)
									NEMO-HA_4_2_1,NEMO-HA_4_2_2, NEMO-HA_4_2_3,NEMO-HA_4_2_4, NEMO-HA_4_2_5,NEMO-HA_4_2_6, NEMO-HA_4_2_7,NEMO-HA_4_2_8, NEMO-HA_4_2_9,NEMO-HA_4_2_10, NEMO-HA_4_2_11,NEMO-HA_4_2_12, NEMO-HA_4_2_13,NEMO-HA_4_2_14, NEMO-HA_4_2_15,NEMO-HA_4_2_16,	Real Home link



N.T.	RFC	RFC	Τ.	F 10	RFC	Functional	TEST		Test PROFILE	D CERCE D : 11
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_4_3_1,NEMO-HA_4_3_2, NEMO-HA_4_2_3,NEMO-HA_4_3_4, NEMO-HA_4_3_5,NEMO-HA_4_3_6, NEMO-HA_4_3_7,NEMO-HA_4_3_8, NEMO-HA_4_3_9,NEMO-HA_4_3_10, NEMO-HA_4_3_11,NEMO-HA_4_3_12, NEMO-HA_4_3_15,NEMO-HA_4_3_14, NEMO-HA_4_3_15,NEMO-HA_4_3_16, NEMO-HA_4_4_1,NEMO-HA_4_4_2, NEMO-HA_4_4_3,NEMO-HA_4_4_4, NEMO-HA_4_4_5,NEMO-HA_4_4_6, NEMO-HA_4_4_5,NEMO-HA_4_4_6, NEMO-HA_4_4_7,NEMO-HA_4_4_8, NEMO-HA_4_4_9,NEMO-HA_4_4_13, NEMO-HA_4_4_9,NEMO-HA_4_4_13, NEMO-HA_4_4_1,NEMO-HA_4_4_15,	
									NEMO-HA_5_1_1,NEMO-HA_5_1_2, NEMO-HA_5_1_3,NEMO-HA_5_1_4, NEMO-HA_5_2_1,NEMO-HA_5_2_2, NEMO-HA_5_2_4, NEMO-HA_5_3_5,NEMO-HA_5_3_6, NEMO-HA_5_3_8,NEMO-HA_5_3_9, NEMO-HA_5_3_10,NEMO-HA_5_3_12, NEMO-HA_5_4_1,NEMO-HA_5_4_2,	
									NEMO-HA_5_4_5, NEMO-HA_5_4_6, NEMO-HA_5_4_7, NEMO-HA_5_4_8, NEMO-HA_5_4_9, NEMO-HA_5_4_10, NEMO-HA_5_4_11, NEMO-HA_5_5_1, NEMO-HA_5_5_3,	
									NEMO-HA_9_1_1,NEMO-HA_9_1_2, NEMO-HA_9_1_3,NEMO-HA_9_1_5, NEMO-HA_9_1_6,NEMO-HA_9_1_7, NEMO-HA_9_1_8,NEMO-HA_9_1_9, NEMO-HA_9_1_10,NEMO-HA_9_1_11, NEMO-HA_9_1_12,NEMO-HA_9_1_13, NEMO-HA_9_1_14,NEMO-HA_9_1_15, NEMO-HA_9_1_16,	
									NEMO-HA_9_2_1,NEMO-HA_9_2_2, NEMO-HA_9_2_3,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6, NEMO-HA_9_2_7,NEMO-HA_9_2_8, NEMO-HA_9_2_9,NEMO-HA_9_2_10, NEMO-HA_9_2_11,NEMO-HA_9_2_12, NEMO-HA_9_2_13,NEMO-HA_9_2_14,	Real Home link, Network mobility(same HA)



NI	RFC	RFC	Τ.	F 16	RFC	Functional	TEST		Test PROFILE	D CERCE D : 11
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
2			sending Neighbor Advertisemen t messsage	In order to do this, when a node begins serving as the home agent it MUST multicast onto the home link a Neighbor Advertisement message[12] on behalf of the mobile node. For the home address specified in the Binding Update, the home agent sends a Neighbor Advertisement message [12] to the all-nodes multicast address on the home link to advertise the home agent's own link-layer address for this IP address on behalf of the mobile node.	MUST	A	A2	X (*1)	NEMO-HA_4_1_1,NEMO-HA_4_1_2	Real Home link
3				If the Link-Layer Address Compatibility (L) flag has been specified in the Binding Update, the home agent MUST do the same for the link-local address of the mobile node.	MUST	A	A2	X (*1)	NEMO-HA_4_1_2	Real Home link
4			Neighbor Advertisemen t message	All fields in each Neighbor Advertisement message SHOULD be set in the same way they would be set by the mobile node if it was sending this Neighbor Advertisement [12] while at home.	SHOULD	A	A2	X (*1)	NEMO-HA_4_1_1,NEMO-HA_4_1_2	Real Home link
5				The Target Address in the Neighbor Advertisement MUST be set to the specific IP address for the mobile node.	MUST	A	A2	X (*1)	NEMO-HA_4_1_1,NEMO-HA_4_1_2	Real Home link
6				The Advertisement MUST include a Target Link-layer Address option specifying the home agent's link-layer address.	MUST	A	A2	X (*1)	NEMO-HA_4_1_1,NEMO-HA_4_1_2	Real Home link
7				The Router (R) bit in the Advertisement MUST be set to zero.	MUST	A	A2	X (*1)(*2)	NEMO-HA_4_1_1,NEMO-HA_4_1_2	Real Home link



No.	RFC	RFC	Thomas	Eunstianal Consideration	RFC	Functional	TEST		Test PROFILE	Decem of TECT Delevites
INO.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
8				The Solicited Flag (S) in the Advertisement MUST NOT be set, since it was not solicited by any Neighbor Solicitation.	MUST NOT	A	A2	X (*1)	NEMO-HA_4_1_1,NEMO-HA_4_1_2	Real Home link
9				The Override Flag (O) in the Advertisement MUST be set,	MUST	A	A2	X (*1)	NEMO-HA_4_1_1,NEMO-HA_4_1_2	Real Home link
10				indicating that the Advertisement SHOULD override any existing Neighbor Cache entry at any node receiving it.	SHOULD	A	A2	X (*1)	NEMO-HA_4_1_1,NEMO-HA_4_1_2	Real Home link
11				The Source Address in the IPv6 header MUST be set to the home agent's IP address on the interface used to send the advertisement.	MUST	A	A2	X (*1)	NEMO-HA_4_1_1,NEMO-HA_4_1_2	Real Home link
12			retransmittin g Neighbor Advetisement message	(such as Ethernet) is typically not	MAY	С	,			This function is implementaion-dependent. It does not effect on interoperability.
13			acting as a proxy for a mobile node	In order to intercept packets in this way, the home agent MUST act as a proxy for this mobile node and reply to any received Neighbor Solicitations for it.	MUST	A	A2	X (*1)	NEMO-HA_4_2_1,NEMO-HA_4_2_2, NEMO-HA_4_2_3,NEMO-HA_4_2_4, NEMO-HA_4_2_5,NEMO-HA_4_2_6, NEMO-HA_4_2_7,NEMO-HA_4_2_8, NEMO-HA_4_2_9,NEMO-HA_4_2_13, NEMO-HA_4_2_14,NEMO-HA_4_2_15,	Real Home link
14				When a home agent receives a Neighbor Solicitation, it MUST check if the Target Address specified in the message matches the address of any mobile node for which it has a Binding Cache entry marked as a home registration.	MUST	A	A2	X (*1)	NEMO-HA_4_2_1,NEMO-HA_4_2_2, NEMO-HA_4_2_3,NEMO-HA_4_2_4, NEMO-HA_4_2_5,NEMO-HA_4_2_6, NEMO-HA_4_2_7,NEMO-HA_4_2_8, NEMO-HA_4_2_9,NEMO-HA_4_2_10, NEMO-HA_4_2_11,NEMO-HA_4_2_12, NEMO-HA_4_2_15,NEMO-HA_4_2_14, NEMO-HA_4_2_15,NEMO-HA_4_2_16,	Real Home link



No.	RFC	RFC	Itama	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
INO.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_4_3_1, NEMO-HA_4_3_2, NEMO-HA_4_2_3_4, NEMO-HA_4_3_4, 3. NEMO-HA_4_3_6, NEMO-HA_4_3_6, NEMO-HA_4_3_5, NEMO-HA_4_3_10, NEMO-HA_4_3_11, NEMO-HA_4_3_112, NEMO-HA_4_3_113, NEMO-HA_4_3_14, NEMO-HA_4_3_15, NEMO-HA_4_3_15, NEMO-HA_4_3_15, NEMO-HA_4_4_1, NEMO-HA_4_4_1, NEMO-HA_4_4_1, NEMO-HA_4_4_4, NEMO-HA_4_4_4, NEMO-HA_4_4_4, NEMO-HA_4_4_4, NEMO-HA_4_4_4, NEMO-HA_4_4_4_6, NEMO-HA_4_4_4, NEMO-HA_4_4_4_6, NEMO-HA_4_4_4, NEMO-HA_4_4_4_1, NEMO-HA_4_4_5, NEMO-HA_4_4_5, NEMO-HA_4_4_13, NEMO-HA_4_4_13, NEMO-HA_4_4_13, NEMO-HA_4_4_113, NEMO-HA_4_4_14, NEMO-HA_4_4_15, NEMO-HA_4_4_14, NEMO-HA_4_4_15, NEMO-H	
15			the Neighbor	If such an entry exists in the home agent's Binding Cache, the home agent MUST reply to the Neighbor Solicitation with a Neighbor Advertisement giving the home agent's own link-layer address as the	MUST	A	A2	X (*1)	NEMO-HA_4_2_1,NEMO-HA_4_2_2, NEMO-HA_4_2_3,NEMO-HA_4_2_4, NEMO-HA_4_2_5,NEMO-HA_4_2_6, NEMO-HA_4_2_7,NEMO-HA_4_2_8, NEMO-HA_4_2_9,NEMO-HA_4_2_13, NEMO-HA_4_2_14,NEMO-HA_4_2_15,	Real Home link
16				link-layer address for the specified Target Address. In addition, the Router (R) bit in the Advertisement MUST be set to zero.	MUST	A	A2	X (*1)(*2)	NEMO-HA_4_2_1,NEMO-HA_4_2_2, NEMO-HA_4_2_3,NEMO-HA_4_2_4, NEMO-HA_4_2_5,NEMO-HA_4_2_6, NEMO-HA_4_2_7,NEMO-HA_4_2_8, NEMO-HA_4_2_9,NEMO-HA_4_2_13, NEMO-HA_4_2_14,NEMO-HA_4_2_15,	Real Home link



No.	RFC	RFC	Itom	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
INO.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
17		Processing Intercepted Packets	sending packets to a Mobile Node	For any packet sent to a mobile node from the mobile node's home agent (in which the home agent is the original sender of the packet), the home agent is operating as a correspondent node of the mobile node for this packet and the procedures described in Section 9.3.2 apply. Section 9.3.2 Before sending any packet, the sending node SHOULD examine its Binding Cache for an entry for the destination address to which the packet is being sent. If the sending node has a Binding Cache entry for this address, the sending node SHOULD use a type 2 routing header to route the packet to this mobile node (the destination node) by way of its care-of address.	(do)	A	A1	X	NEMO-HA_2_1_5, NEMO-HA_2_1_7, NEMO-HA_2_1_18, NEMO-HA_2_2_14, NEMO-HA_2_2_14, NEMO-HA_2_5_3, NEMO-HA_2_5_4, NEMO-HA_2_5_5_3, NEMO-HA_2_5_5_8, NEMO-HA_2_6_7, NEMO-HA_2_6_6_8, NEMO-HA_2_6_7, NEMO-HA_2_6_10, NEMO-HA_2_6_11, NEMO-HA_2_6_12, NEMO-HA_2_6_11, NEMO-HA_2_6_12, NEMO-HA_2_6_11, NEMO-HA_2_7_4, NEMO-HA_2_7_3, NEMO-HA_2_7_4, NEMO-HA_2_8_7, NEMO-HA_2_7_8, NEMO-HA_2_8_9, NEMO-HA_2_7_8, NEMO-HA_2_8_9, NEMO-HA_2_8_10, NEMO-HA_2_8_11, NEMO-HA_2_8_12, NEMO-HA_2_8_11, NEMO-HA_2_8_12, NEMO-HA_2_9_13, NEMO-HA_2_9_14, NEMO-HA_2_9_13, NEMO-HA_2_9_14, NEMO-HA_2_9_13, NEMO-HA_2_10_11, NEMO-HA_2_10_10, NEMO-HA_2_10_11, NEMO-HA_2_10_12, NEMO-HA_2_11_14, NEMO-HA_2_11_14, NEMO-HA_3_1_11, NEMO-HA_3_4_19, NEMO-HA_3_4_18, NEMO-HA_3_4_19, NEMO-HA_3_4_18, NEMO-HA_5_2_6, NEMO-HA_5_2_7, NEMO-HA_5_2_6, NEMO-HA_5_2_7, NEMO-HA_5_2_8, NEMO-HA_5_3_10, NEMO-HA_5_3_12, NEMO-HA_5_4_13, NEMO-HA_5_4_13, NEMO-HA_5_4_14, NEMO-HA_5_4_13, NEMO-HA_5_4_11, NEMO-HA_5_4_13, NEMO-HA_5_4_11, NEMO-HA_6_4_1, NEMO-HA_5_6_6, NEMO-HA_6_5_5, NEMO-HA_6_6_1_4, NEMO-HA_6_5_5, NEMO-HA_6_6_5_6, NEMO-HA_6_5_7, NEMO-HA_6_6_5_6, NEMO-HA_6_5_7, NEMO-HA_6_6_5_6, NEMO-HA_6_5_7, NEMO-HA_6_6_5_6, NEMO-HA_6_5_7, NEMO-HA_6_6_5_6, NEMO-HA_6_5_7, NEMO-HA_6_6_5_6, NEMO-HA_6_6_5_7, NEMO-HA_6_6_5_6, NEMO-HA_6_6_5_7, NEMO-HA_6_6_5_6, NEMO-HA_6_6_5_7, NEMO-HA_6_6_5_6, NEMO-HA_6_6_6_6, NEMO-HA_6_6_6_6, NEMO-HA_6_6_6_6, NEMO-HA_6_	IPv6 encapsulation and decapsulation



Nie	RFC	RFC	Thomas	Functional Consideration	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_6_6_3,NEMO-HA_6_6_4, NEMO-HA_6_6_12,NEMO-HA_6_6_13, NEMO-HA_6_6_14,NEMO-HA_6_6_15, NEMO-HA_6_6_16,NEMO-HA_6_6_17, NEMO-HA_6_6_18, NEMO-HA_6_7_2,NEMO-HA_6_7_4, NEMO-HA_6_7_7,NEMO-HA_6_7_8, NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	
									NEMO-HA_9_1_17, NEMO-HA_9_1_18, NEMO-HA_9_1_19, NEMO-HA_9_1_20, NEMO-HA_9_1_21, NEMO-HA_9_1_22, NEMO-HA_9_1_23, NEMO-HA_9_1_24, NEMO-HA_9_1_25, NEMO-HA_9_1_26, NEMO-HA_9_1_27, NEMO-HA_9_1_28, NEMO-HA_9_1_29, NEMO-HA_9_1_30, NEMO-HA_9_1_31, NEMO-HA_9_1_32,	
							A2	X		Virtual Home link, IKE
									NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO-HA_9_2_15, NEMO-HA_9_2_16, NEMO-HA_9_2_17, NEMO-HA_9_2_18, NEMO-HA_9_2_19, NEMO-HA_9_2_20, NEMO-HA_9_2_21, NEMO-HA_9_2_22, NEMO-HA_9_2_23, NEMO-HA_9_2_24, NEMO-HA_9_2_25, NEMO-HA_9_2_26, NEMO-HA_9_2_27, NEMO-HA_9_2_28,	Virtual Home link, Network mobility(same HA)
									NEMO-HA_1_1_5,NEMO-HA_1_1_6, NEMO-HA_1_1_7, NEMO-HA_2_1_1,NEMO-HA_2_1_2, NEMO-HA_2_1_3,NEMO-HA_2_1_4, NEMO-HA_2_1_6,NEMO-HA_2_1_9, NEMO-HA_2_1_14,NEMO-HA_2_1_15, NEMO-HA_2_2_9,NEMO-HA_2_2_10, NEMO-HA_2_2_13,	Real Home link



N.T.	RFC	RFC	Τ.	F 16	RFC	Functional	TEST		Test PROFILE	D CERCE D
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_2_3_1,NEMO-HA_2_3_2, NEMO-HA_2_3_3,NEMO-HA_2_3_4, NEMO-HA_2_5_1,NEMO-HA_2_5_2, NEMO-HA_2_5_5,NEMO-HA_2_5_6, NEMO-HA_2_6_1,NEMO-HA_2_6_2, NEMO-HA_2_6_3,NEMO-HA_2_6_4, NEMO-HA_2_6_5,NEMO-HA_2_6_6,	
									NEMO-HA_2_7_1, NEMO-HA_2_7_2, NEMO-HA_2_7_5, NEMO-HA_2_7_6, NEMO-HA_2_8_1, NEMO-HA_2_8_2, NEMO-HA_2_8_3, NEMO-HA_2_8_4, NEMO-HA_2_8_5, NEMO-HA_2_8_6,	
									NEMO-HA_2_9_1,NEMO-HA_2_9_2, NEMO-HA_2_9_3,NEMO-HA_2_9_4, NEMO-HA_2_9_5, NEMO-HA_2_10_2,NEMO-HA_2_10_3, NEMO-HA_2_10_4,NEMO-HA_2_10_5, NEMO-HA_2_10_6, NEMO-HA_2_11_4, NEMO-HA_2_12_1,	
									NEMO-HA_3_1_1, NEMO-HA_3_1_2, NEMO-HA_3_1_3, NEMO-HA_3_1_4, NEMO-HA_3_1_5, NEMO-HA_3_1_6, NEMO-HA_3_1_7, NEMO-HA_3_1_8, NEMO-HA_3_1_9, NEMO-HA_3_1_10, NEMO-HA_3_3_1, NEMO-HA_3_3_2, NEMO-HA_3_3_3, NEMO-HA_3_3_4, NEMO-HA_3_3_5, NEMO-HA_3_3_6, NEMO-HA_3_3_7, NEMO-HA_3_3_8,	
									NEMO-HA_3_4_1, NEMO-HA_3_4_2, NEMO-HA_3_4_3, NEMO-HA_3_4_4, NEMO-HA_3_4_5, NEMO-HA_3_4_6, NEMO-HA_3_4_7, NEMO-HA_3_4_18, NEMO-HA_3_4_9, NEMO-HA_3_4_10, NEMO-HA_3_4_11, NEMO-HA_3_4_12, NEMO-HA_3_4_13, NEMO-HA_3_4_14, NEMO-HA_3_4_15,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
INO.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_4_2_1, NEMO-HA_4_2_2, NEMO-HA_4_2_3, NEMO-HA_4_2_4, NEMO-HA_4_2_5, NEMO-HA_4_2_6, NEMO-HA_4_2_7, NEMO-HA_4_2_8, NEMO-HA_4_2_9, NEMO-HA_4_2_10, NEMO-HA_4_2_11, NEMO-HA_4_2_12, NEMO-HA_4_2_13, NEMO-HA_4_2_14, NEMO-HA_4_2_15, NEMO-HA_4_2_16,	
									NEMO-HA_4_3_1, NEMO-HA_4_3_2, NEMO-HA_4_3_3, NEMO-HA_4_3_4, NEMO-HA_4_3_5, NEMO-HA_4_3_6, NEMO-HA_4_3_7, NEMO-HA_4_3_8, NEMO-HA_4_3_9, NEMO-HA_4_3_10, NEMO-HA_4_3_11, NEMO-HA_4_3_12, NEMO-HA_4_3_13, NEMO-HA_4_3_14, NEMO-HA_4_3_15, NEMO-HA_4_3_16,	
									NEMO-HA_4_4_1.NEMO-HA_4_4_2, NEMO-HA_4_4_3.NEMO-HA_4_4_4, NEMO-HA_4_4_5.NEMO-HA_4_4_6, NEMO-HA_4_4_7.NEMO-HA_4_4_8, NEMO-HA_4_4_9.NEMO-HA_4_4_13, NEMO-HA_4_4_14.NEMO-HA_4_15,	
									NEMO-HA_5_1_1, NEMO-HA_5_1_2, NEMO-HA_5_1_3, NEMO-HA_5_1_4, NEMO-HA_5_2_1, NEMO-HA_5_2_2, NEMO-HA_5_2_3, NEMO-HA_5_2_4, NEMO-HA_5_3_1, NEMO-HA_5_3_4, NEMO-HA_5_3_5, NEMO-HA_5_3_6, NEMO-HA_5_3_8,	
									NEMO-HA_5_4_1, NEMO-HA_5_4_2, NEMO-HA_5_4_5, NEMO-HA_5_4_6, NEMO-HA_5_4_7, NEMO-HA_5_4_8, NEMO-HA_5_4_9, NEMO-HA_5_4_10, NEMO-HA_5_4_11, NEMO-HA_5_5_1, NEMO-HA_5_5_3,	
									NEMO-HA_6_1_1.NEMO-HA_6_1_2, NEMO-HA_6_2_1,NEMO-HA_6_2_2, NEMO-HA_6_2_3,NEMO-HA_6_2_4, NEMO-HA_6_4_1,NEMO-HA_6_4_2, NEMO-HA_6_4_3,NEMO-HA_6_4_4, NEMO-HA_6_5_1,NEMO-HA_6_5_2, NEMO-HA_6_5_3,NEMO-HA_6_5_4,	



	RFC	RFC			RFC	Functional	TEST		Test PROFILE	
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
							v		NEMO-HA_6_6_1,NEMO-HA_6_6_2, NEMO-HA_6_6_5,NEMO-HA_6_6_6, NEMO-HA_6_6_7,NEMO-HA_6_6_8, NEMO-HA_6_6_9,NEMO-HA_6_6_10, NEMO-HA_6_6_11, NEMO-HA_6_7_1,NEMO-HA_6_7_3, NEMO-HA_6_7_5,NEMO-HA_6_7_6, NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	
									NEMO-HA_9_1_1,NEMO-HA_9_1_2, NEMO-HA_9_1_3,NEMO-HA_9_1_4, NEMO-HA_9_1_5,NEMO-HA_9_1_6, NEMO-HA_9_1_7,NEMO-HA_9_1_8, NEMO-HA_9_1_9,NEMO-HA_9_1_10, NEMO-HA_9_1_11,NEMO-HA_9_1_12, NEMO-HA_9_1_13,NEMO-HA_9_1_14, NEMO-HA_9_1_15,NEMO-HA_9_1_16,	
										Real Home link,
									NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	IKE Real Home link, MPS/MPA
									NEMO-HA_9_2_1,NEMO-HA_9_2_2, NEMO-HA_9_2_3,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6, NEMO-HA_9_2_7,NEMO-HA_9_2_8, NEMO-HA_9_2_9,NEMO-HA_9_2_10, NEMO-HA_9_2_11,NEMO-HA_9_2_12, NEMO-HA_9_2_13,NEMO-HA_9_2_14,	Real Home link, Network mobility(same HA)
18				The home agent then uses a routing header to route the packet to the mobile node by way of the primary care-of address in the home agent's Binding Cache.	(do)	A	A1	X	NEMO-HA_2_1_5,NEMO-HA_2_1_7, NEMO-HA_2_1_8, NEMO-HA_2_2_11,NEMO-HA_2_2_12, NEMO-HA_2_2_14, NEMO-HA_2_5_3,NEMO-HA_2_5_4, NEMO-HA_2_5_7,NEMO-HA_2_5_8, NEMO-HA_2_6_7,NEMO-HA_2_6_8, NEMO-HA_2_6_9,NEMO-HA_2_6_10, NEMO-HA_2_6_11,NEMO-HA_2_6_12,	Virtual Home link
									NEMO-HA_2_7_3,NEMO-HA_2_7_4, NEMO-HA_2_7_7,NEMO-HA_2_7_8, NEMO-HA_2_8_7,NEMO-HA_2_8_8, NEMO-HA_2_8_9,NEMO-HA_2_8_10, NEMO-HA_2_8_11,NEMO-HA_2_8_12,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
100.	Section	Section title	item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_2_9_11,NEMO-HA_2_9_12, NEMO-HA_2_9_13,NEMO-HA_2_9_14, NEMO-HA_2_9_15, NEMO-HA_2_10_8,NEMO-HA_2_10_9, NEMO-HA_2_10_10,NEMO-HA_2_10_11, NEMO-HA_2_10_12, NEMO-HA_2_11_14, NEMO-HA_2_12_4,	
									NEMO-HA_3_1_11,NEMO-HA_3_1_12, NEMO-HA_3_4_16,NEMO-HA_3_4_17, NEMO-HA_3_4_18,NEMO-HA_3_4_19, NEMO-HA_3_4_20,	
									NEMO-HA_5_1_5, NEMO-HA_5_1_6, NEMO-HA_5_1_7, NEMO-HA_5_2_5, NEMO-HA_5_2_6, NEMO-HA_5_2_7, NEMO-HA_5_2_8, NEMO-HA_5_3_9, NEMO-HA_5_3_10, NEMO-HA_5_3_12,	
									NEMO-HA_5_4_3,NEMO-HA_5_4_4, NEMO-HA_5_4_12,NEMO-HA_5_4_13, NEMO-HA_5_4_14,NEMO-HA_5_4_15, NEMO-HA_5_4_16,NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_5_4,NEMO-HA_5_5_6,	
									NEMO-HA_6_1_3,NEMO-HA_6_1_4, NEMO-HA_6_4_5,NEMO-HA_6_4_6, NEMO-HA_6_4_7,NEMO-HA_6_4_8, NEMO-HA_6_5_5,NEMO-HA_6_5_6, NEMO-HA_6_5_7,NEMO-HA_6_5_8,	
									NEMO-HA_6_6_3, NEMO-HA_6_6_4, NEMO-HA_6_6_12, NEMO-HA_6_6_13, NEMO-HA_6_6_14, NEMO-HA_6_6_15, NEMO-HA_6_6_16, NEMO-HA_6_6_17, NEMO-HA_6_6_18, NEMO-HA_6_7_2, NEMO-HA_6_7_4, NEMO-HA_6_7_7, NEMO-HA_6_7_8, NEMO-HA_8_1_12, NEMO-HA_8_1_8, NEMO-HA_8_1_16,	



Nie	RFC	RFC	Thomas	Functional Consideration	RFC	Functional	TEST		Test PROFILE	Decem of TECT Detection
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_9_1_17, NEMO-HA_9_1_18, NEMO-HA_9_1_19, NEMO-HA_9_1_20, NEMO-HA_9_1_21, NEMO-HA_9_1_24, NEMO-HA_9_1_23, NEMO-HA_9_1_24, NEMO-HA_9_1_25, NEMO-HA_9_1_26, NEMO-HA_9_1_27, NEMO-HA_9_1_28, NEMO-HA_9_1_27, NEMO-HA_9_1_30, NEMO-HA_9_1_31, NEMO-HA_9_1_32,	
							A2	Х	NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, IKE Virtual Home link, MPS/MPA
									NEMO-HA_9_2_15, NEMO-HA_9_2_16, NEMO-HA_9_2_17, NEMO-HA_9_2_18, NEMO-HA_9_2_19, NEMO-HA_9_2_20, NEMO-HA_9_2_21, NEMO-HA_9_2_22, NEMO-HA_9_2_23, NEMO-HA_9_2_24, NEMO-HA_9_2_25, NEMO-HA_9_2_26, NEMO-HA_9_2_27, NEMO-HA_9_2_28,	Virtual Home link, Network mobility(same HA)
									NEMO-HA_1_1_5,NEMO-HA_1_1_6, NEMO-HA_1_1_7, NEMO-HA_2_1_1,NEMO-HA_2_1_2, NEMO-HA_2_1_3,NEMO-HA_2_1_4, NEMO-HA_2_1_6,NEMO-HA_2_1_9, NEMO-HA_2_1_14,NEMO-HA_2_1_15, NEMO-HA_2_2_114,NEMO-HA_2_2_10, NEMO-HA_2_2_2_13,	Real Home link
									NEMO-HA_2_3_1,NEMO-HA_2_3_2, NEMO-HA_2_3_3,NEMO-HA_2_3_4, NEMO-HA_2_5_1,NEMO-HA_2_5_2, NEMO-HA_2_5_5,NEMO-HA_2_5_6, NEMO-HA_2_6_1,NEMO-HA_2_6_2, NEMO-HA_2_6_3,NEMO-HA_2_6_4, NEMO-HA_2_6_5,NEMO-HA_2_6_6,	
									NEMO-HA_2_7_1,NEMO-HA_2_7_2, NEMO-HA_2_7_5,NEMO-HA_2_7_6, NEMO-HA_2_8_1,NEMO-HA_2_8_2, NEMO-HA_2_8_3,NEMO-HA_2_8_4, NEMO-HA_2_8_5,NEMO-HA_2_8_6,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_2_9_1,NEMO-HA_2_9_2, NEMO-HA_2_9_3,NEMO-HA_2_9_4, NEMO-HA_2_9_5, NEMO-HA_2_10_2,NEMO-HA_2_10_3, NEMO-HA_2_10_4,NEMO-HA_2_10_5, NEMO-HA_2_10_6, NEMO-HA_2_11_4, NEMO-HA_2_11_1,	
									NEMO-HA_3_1_1,NEMO-HA_3_1_2, NEMO-HA_3_1_3,NEMO-HA_3_1_4, NEMO-HA_3_1_5,NEMO-HA_3_1_6, NEMO-HA_3_1_7,NEMO-HA_3_1_10, NEMO-HA_3_1_9,NEMO-HA_3_1_10, NEMO-HA_3_3_1,NEMO-HA_3_3_2, NEMO-HA_3_3_3,NEMO-HA_3_3_4, NEMO-HA_3_3_5,NEMO-HA_3_3_6, NEMO-HA_3_3_7,NEMO-HA_3_3_8,	
									NEMO-HA_3_4_1,NEMO-HA_3_4_2, NEMO-HA_3_4_3,NEMO-HA_3_4_4, NEMO-HA_3_4_5,NEMO-HA_3_4_6, NEMO-HA_3_4_7,NEMO-HA_3_4_18, NEMO-HA_3_4_9,NEMO-HA_3_4_10, NEMO-HA_3_4_11,NEMO-HA_3_4_12, NEMO-HA_3_4_13,NEMO-HA_3_4_14, NEMO-HA_3_4_15,	
									NEMO-HA_4_2_1,NEMO-HA_4_2_2, NEMO-HA_4_2_3,NEMO-HA_4_2_4, NEMO-HA_4_2_5,NEMO-HA_4_2_6, NEMO-HA_4_2_7,NEMO-HA_4_2_10, NEMO-HA_4_2_9,NEMO-HA_4_2_10, NEMO-HA_4_2_11,NEMO-HA_4_2_12, NEMO-HA_4_2_13,NEMO-HA_4_2_14, NEMO-HA_4_2_15,NEMO-HA_4_2_16,	
									NEMO-HA_4_3_1,NEMO-HA_4_3_2, NEMO-HA_4_3_3,NEMO-HA_4_3_4, NEMO-HA_4_3_5,NEMO-HA_4_3_6, NEMO-HA_4_3_7,NEMO-HA_4_3_8, NEMO-HA_4_3_9,NEMO-HA_4_3_10, NEMO-HA_4_3_11,NEMO-HA_4_3_12, NEMO-HA_4_3_113,NEMO-HA_4_3_14, NEMO-HA_4_3_15,NEMO-HA_4_3_16,	



Nie	RFC	RFC	Thoma	Functional Specification	RFC	Functional	TEST		Test PROFILE	Decem of TECT Delegity
INO.	Section	Section title	item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
No.			Item	Functional Specification				Supported		Reason of TEST Priority
									NEMO-HA_6_6_1,NEMO-HA_6_6_2, NEMO-HA_6_6_5,NEMO-HA_6_6_6, NEMO-HA_6_6_7,NEMO-HA_6_6_10, NEMO-HA_6_6_11, NEMO-HA_6_6_11, NEMO-HA_6_7_1,NEMO-HA_6_7_3, NEMO-HA_6_7_1,NEMO-HA_6_7_6, NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	



Nie	RFC	RFC	Itama	Functional Charification	RFC	Functional	TEST		Test PROFILE	Decem of TECT Deionites
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_9_1_1,NEMO-HA_9_1_2, NEMO-HA_9_1_3,NEMO-HA_9_1_4, NEMO-HA_9_1_5,NEMO-HA_9_1_6, NEMO-HA_9_1_7,NEMO-HA_9_1_8, NEMO-HA_9_1_9,NEMO-HA_9_1_10, NEMO-HA_9_1_11,NEMO-HA_9_1_12, NEMO-HA_9_1_13,NEMO-HA_9_1_14, NEMO-HA_9_1_15,NEMO-HA_9_1_16,	
									NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15, NEMO-HA_9_2_1,NEMO-HA_9_2_2, NEMO-HA_9_2_3,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6, NEMO-HA_9_2_7,NEMO-HA_9_2_8,	Real Home link, IKE Real Home link, MPS/MPA Real Home link, Network mobility(same
19			forwarding packets to a	In order to forward each intercepted packet to the mobile node, the home	MUST	A	A1	X	NEMO-HA_9_2_1, NEMO-HA_9_2_10, NEMO-HA_9_2_11, NEMO-HA_9_2_12, NEMO-HA_9_2_13, NEMO-HA_9_2_14, NEMO-HA_5_1_5, NEMO-HA_5_1_6, NEMO-HA_5_1_7, NEMO-HA_5_2_5, NEMO-HA_5_2_6, NEMO-HA_5_2_8,	HA) Virtual Home link
			Mobile Node	agent MUST tunnel the packet to the mobile node using IPv6 encapsulation [15].					NEMO-HA_5_4_3, NEMO-HA_5_4_4, NEMO-HA_5_4_12, NEMO-HA_5_4_13, NEMO-HA_5_4_14, NEMO-HA_5_4_15, NEMO-HA_5_4_16, NEMO-HA_5_4_17, NEMO-HA_5_4_16, NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_5_4, NEMO-HA_5_5_6,	
									NEMO-HA_9_1_17,NEMO-HA_9_1_18, NEMO-HA_9_1_19,NEMO-HA_9_1_21, NEMO-HA_9_1_22,NEMO-HA_9_1_23, NEMO-HA_9_1_24,NEMO-HA_9_1_25, NEMO-HA_9_1_26,NEMO-HA_9_1_27, NEMO-HA_9_1_28,NEMO-HA_9_1_29, NEMO-HA_9_1_30,NEMO-HA_9_1_31, NEMO-HA_9_1_32,	



	RFC	RFC		7 10	RFC	Functional	TEST		Test PROFILE	D AMERICAN D. A. A.
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
							A2	X	NEMO-HA_9_2_15, NEMO-HA_9_2_16, NEMO-HA_9_2_17, NEMO-HA_9_2_18, NEMO-HA_9_2_19, NEMO-HA_9_2_20, NEMO-HA_9_2_21, NEMO-HA_9_2_22, NEMO-HA_9_2_23, NEMO-HA_9_2_24, NEMO-HA_9_2_25, NEMO-HA_9_2_26, NEMO-HA_9_2_27, NEMO-HA_9_2_28,	Virtual Home link, Network mobility(same HA)
									NEMO-HA_5_1_1,NEMO-HA_5_1_2, NEMO-HA_5_1_3,NEMO-HA_5_1_4, NEMO-HA_5_2_1,NEMO-HA_5_2_2, NEMO-HA_5_2_4, NEMO-HA_5_2_4, NEMO-HA_5_3_5,NEMO-HA_5_3_6, NEMO-HA_5_3_8,NEMO-HA_5_3_9, NEMO-HA_5_3_10,NEMO-HA_5_3_12, NEMO-HA_5_4_1,NEMO-HA_5_4_2, NEMO-HA_5_4_1,NEMO-HA_5_4_6, NEMO-HA_5_4_1,NEMO-HA_5_4_10, NEMO-HA_5_4_11,NEMO-HA_5_4_10, NEMO-HA_5_4_11,NEMO-HA_5_5_3, NEMO-HA_5_1_1,NEMO-HA_5_5_3, NEMO-HA_9_1_1,NEMO-HA_9_1_2, NEMO-HA_9_1_3,NEMO-HA_9_1_5, NEMO-HA_9_1_8,NEMO-HA_9_1_7, NEMO-HA_9_1_10,NEMO-HA_9_1_17, NEMO-HA_9_1_10,NEMO-HA_9_1_11, NEMO-HA_9_1_10,NEMO-HA_9_1_11, NEMO-HA_9_1_11,NEMO-HA_9_1_11, NEMO-HA_9_1_11,NEMO-HA_9_1_11, NEMO-HA_9_1_14,NEMO-HA_9_1_15, NEMO-HA_9_1_14,NEMO-HA_9_1_15, NEMO-HA_9_1_16,NEMO-HA_9_1_11, NEMO-HA_9_1_114,NEMO-HA_9_1_15, NEMO-HA_9_1_16,NEMO-HA_9_1_15, NEMO-HA_9_1_16,NEMO-HA_9_1_15, NEMO-HA_9_1_16,NEMO-HA_9_1_15, NEMO-HA_9_1_16,NEMO-HA_9_1_15, NEMO-HA_9_1_16,	Real Home link Real Home link,
									NEMO-HA_9_2_1,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6, NEMO-HA_9_2_7,NEMO-HA_9_2_6, NEMO-HA_9_2_9,NEMO-HA_9_2_10, NEMO-HA_9_2_11,NEMO-HA_9_2_12, NEMO-HA_9_2_13,NEMO-HA_9_2_14,	Real Home link, Network mobility(same HA)



No.	RFC	RFC	Itom	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
20				When a home agent encapsulates an intercepted packet for forwarding to the mobile node, the home agent sets the Source Address in the new tunnel IP header to the home agent's own IP address and sets the Destination Address in the tunnel IP header to the mobile node's primary care-of address.	(do)	A	A1	Х	NEMO-HA_5_1_5, NEMO-HA_5_1_6, NEMO-HA_5_1_7, NEMO-HA_5_2_5, NEMO-HA_5_2_6, NEMO-HA_5_2_8, NEMO-HA_5_4_13, NEMO-HA_5_4_4, NEMO-HA_5_4_12, NEMO-HA_5_4_13, NEMO-HA_5_4_14, NEMO-HA_5_4_15, NEMO-HA_5_4_16, NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_5_4, NEMO-HA_5_5_6,	Virtual Home link
									NEMO-HA_9_1_17.NEMO-HA_9_1_18, NEMO-HA_9_1_19.NEMO-HA_9_1_21, NEMO-HA_9_1_22.NEMO-HA_9_1_23, NEMO-HA_9_1_24.NEMO-HA_9_1_25, NEMO-HA_9_1_26.NEMO-HA_9_1_27, NEMO-HA_9_1_28.NEMO-HA_9_1_29, NEMO-HA_9_1_30.NEMO-HA_9_1_31, NEMO-HA_9_1_32,	
							A2	Х	NEMO-HA 9 2 15.NEMO-HA 9 2 16, NEMO-HA 9 2 17.NEMO-HA 9 2 18, NEMO-HA 9 2 19.NEMO-HA 9 2 20, NEMO-HA 9 2 21.NEMO-HA 9 2 22, NEMO-HA 9 2 23.NEMO-HA 9 2 24, NEMO-HA 9 2 25.NEMO-HA 9 2 26, NEMO-HA 9 2 27.NEMO-HA 9 2 28,	Virtual Home link, Network mobility(same HA)
									NEMO-HA_5_1_1,NEMO-HA_5_1_2, NEMO-HA_5_1_3,NEMO-HA_5_1_4, NEMO-HA_5_2_1,NEMO-HA_5_2_2, NEMO-HA_5_2_4, NEMO-HA_5_3_5,NEMO-HA_5_3_6, NEMO-HA_5_3_8,NEMO-HA_5_3_9, NEMO-HA_5_3_10,NEMO-HA_5_3_12,	Real Home link
									NEMO-HA_5_4_1,NEMO-HA_5_4_2, NEMO-HA_5_4_5,NEMO-HA_5_4_6, NEMO-HA_5_4_7,NEMO-HA_5_4_8, NEMO-HA_5_4_9,NEMO-HA_5_4_10, NEMO-HA_5_4_11, NEMO-HA_5_5_1,NEMO-HA_5_5_3,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_9_1_1,NEMO-HA_9_1_2, NEMO-HA_9_1_3,NEMO-HA_9_1_5, NEMO-HA_9_1_6,NEMO-HA_9_1_7, NEMO-HA_9_1_8,NEMO-HA_9_1_9, NEMO-HA_9_1_10,NEMO-HA_9_1_11, NEMO-HA_9_1_12,NEMO-HA_9_1_13, NEMO-HA_9_1_14,NEMO-HA_9_1_15, NEMO-HA_9_1_16,	
									NEMO-HA_9_2_1,NEMO-HA_9_2_2, NEMO-HA_9_2_3,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6, NEMO-HA_9_2_7,NEMO-HA_9_2_10, NEMO-HA_9_2_11,NEMO-HA_9_2_12, NEMO-HA_9_2_11,NEMO-HA_9_2_14,	Real Home link, Network mobility(same HA)
21	9.3.4			By the definition of IPv6 encapsulation [15], the home agent MUST relay certain ICMP error messages back to	MUST	A	A1	X	NEMO-HA_5_1_7, NEMO-HA_5_3_9,NEMO-HA_5_3_10, NEMO-HA_5_3_12, NEMO-HA_5_5_4,	Virtual Home link
				the original sender of the packet, which in this case is the correspondent node.			A2	X	NEMO-HA_5_1_2,NEMO-HA_5_1_3, NEMO-HA_5_3_5,NEMO-HA_5_3_6, NEMO-HA_5_3_8, NEMO-HA_5_5_1,	Real Home link
22	10.4.2		packets to the mobile node's	However, packets addressed to the mobile node's link-local address MUST NOT be tunneled to the mobile node.	MUST NOT	A	A2	X	NEMO-HA_5_1_2	Real Home link
23			addi ess	Instead, these packet MUST be discarded and the home agent	MUST	A	A2	X	NEMO-HA_5_1_2	Real Home link
24				SHOULD return an ICMP Destination Unreachable, Code 3, message to the packet's Source Address (unless this Source Address is a multicast address).	SHOULD	A	A2	Х	NEMO-HA_5_1_2	Real Home link
25			packets to the mobile node's	Packets addressed to the mobile node's site-local address SHOULD NOT be tunneled to the mobile node by default.	SHOULD NOT	A	A2			This function is implementaion- dependent. It does not effect on interoperability. *site-local address



	RFC	RFC		7 10	RFC	Functional	TEST		Test PROFILE	D AMPROMID A A
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
26			Processing packets to the mobile node's multicast address	Multicast packets addressed to a multicast address with link-local scope [3], to which the mobile node is subscribed, MUST NOT be tunneled to the mobile node. These packets	MUST NOT	A	A2			This function is implementaion-dependent. It does not effect on interoperability. *Multicast
27				SHOULD be silently discarded (after delivering to other local multicast recipients).	SHOULD	A	A2			This function is implementaion-dependent. It does not effect on interoperability. *Multicast
28				Multicast packets addressed to a multicast address with scope larger than link-local, but smaller than global (e.g., site-local and organization-local [3], to which the mobile node is subscribed, SHOULD NOT be tunneled to the mobile node.	SHOULD NOT	A	A2			This function is implementaion-dependent. It does not effect on interoperability. *site-local address
29				Multicast packets addressed with a global scope, to which the mobile node has successfully subscribed, MUST be tunneled to the mobile node.	MUST	A	A2			This function is implementaion-dependent. It does not effect on interoperability. *Multicast
30				Before tunneling a packet to the mobile node, the home agent MUST perform any IPsec processing as indicated by the security policy data base.	MUST	A	A2		NEMO-HA_5_1_5,NEMO-HA_5_1_6, NEMO-HA_5_1_7, NEMO-HA_5_2_5,NEMO-HA_5_2_6, NEMO-HA_5_2_8, NEMO-HA_5_4_3,NEMO-HA_5_4_4, NEMO-HA_5_4_12,NEMO-HA_5_4_13, NEMO-HA_5_4_14,NEMO-HA_5_4_15, NEMO-HA_5_4_16,NEMO-HA_5_4_17, NEMO-HA_5_4_18,NEMO-HA_5_5_6,	Virtual Home link, and This function is implementaion- dependent. *IPsec Protection of the payload packets tunneled between MR and HA



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Decem of TECT Descrite
INO.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_9_1_17,NEMO-HA_9_1_18, NEMO-HA_9_1_19,NEMO-HA_9_1_21, NEMO-HA_9_1_22,NEMO-HA_9_1_23, NEMO-HA_9_1_24,NEMO-HA_9_1_25, NEMO-HA_9_1_26,NEMO-HA_9_1_27, NEMO-HA_9_1_28,NEMO-HA_9_1_29, NEMO-HA_9_1_30,NEMO-HA_9_1_31, NEMO-HA_9_1_32,	
									NEMO-HA_9_2_15.NEMO-HA_9_2_16, NEMO-HA_9_2_17.NEMO-HA_9_2_18, NEMO-HA_9_2_19.NEMO-HA_9_2_20, NEMO-HA_9_2_21.NEMO-HA_9_2_22, NEMO-HA_9_2_23.NEMO-HA_9_2_24, NEMO-HA_9_2_25.NEMO-HA_9_2_26, NEMO-HA_9_2_27.NEMO-HA_9_2_28,	Virtual Home link, Network mobility(same HA) and This function is implementaion- dependent. *IPsec Protection of the
									NEMO-HA_5_1_1,NEMO-HA_5_1_2, NEMO-HA_5_1_3,NEMO-HA_5_1_4, NEMO-HA_5_2_1,NEMO-HA_5_2_2, NEMO-HA_5_2_4, NEMO-HA_5_3_5,NEMO-HA_5_3_6, NEMO-HA_5_3_8,NEMO-HA_5_3_9, NEMO-HA_5_3_10,NEMO-HA_5_3_12,	Real Home link, and This function is implementaion- dependent. *IPsec Protection of the
									NEMO-HA_5_4_1, NEMO-HA_5_4_2, NEMO-HA_5_4_5, NEMO-HA_5_4_6, NEMO-HA_5_4_7, NEMO-HA_5_4_8, NEMO-HA_5_4_9, NEMO-HA_5_4_10, NEMO-HA_5_4_11, NEMO-HA_5_5_1, NEMO-HA_5_5_3,	payload packets tunneled between MR and HA
									NEMO-HA_9_1_1,NEMO-HA_9_1_2, NEMO-HA_9_1_3,NEMO-HA_9_1_5, NEMO-HA_9_1_6,NEMO-HA_9_1_7, NEMO-HA_9_1_8,NEMO-HA_9_1_9, NEMO-HA_9_1_10,NEMO-HA_9_1_11, NEMO-HA_9_1_12,NEMO-HA_9_1_13, NEMO-HA_9_1_14,NEMO-HA_9_1_15, NEMO-HA_9_1_16,	



	RFC	RFC	_		RFC	Functional	TEST		Test PROFILE	
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_9_2_1,NEMO-HA_9_2_2, NEMO-HA_9_2_3,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6, NEMO-HA_9_2_7,NEMO-HA_9_2_8, NEMO-HA_9_2_9,NEMO-HA_9_2_10, NEMO-HA_9_2_11,NEMO-HA_9_2_12, NEMO-HA_9_2_13,NEMO-HA_9_2_14,	Real Home link, Network mobility(same HA) and This function is implementaion- dependent. *IPsec Protection of the
31	10.4.3	Multicast Membership Control	not supporting Multicast Membership Control	This section is a prerequisite for the multicast data packet forwarding described in the previous section. If this support is not provided, multicast group membership control messages are silently ignored.	(do)	A	A2			This function is implementaion-dependent. It does not effect on interoperability. *Multicast
32			receiving tunneled multicast group membership control information	In order to forward multicast data packets from the home network to all the proper mobile nodes, the home agent SHOULD be capable of receiving tunneled multicast group membership control information from the mobile node in order to determine which groups the mobile node has subscribed to.	SHOULD	A	A2			This function is implementaion-dependent. It does not effect on interoperability. *Multicast
33			periodically transmit MLD Query messages	To obtain the mobile node's current multicast group membership the home agent must periodically transmit MLD Query messages through the tunnel to the mobile node.	(do)	A	A2			This function is implementaion-dependent. It does not effect on interoperability. *Multicast
34				These MLD periodic transmissions will ensure the home agent has an accurate record of the groups in which the mobile node is interested despite packet losses of the mobile node's MLD group membership messages.	(do)	A	A2			This function is implementaion-dependent. It does not effect on interoperability. *Multicast



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No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
35			processing MLD packets	The MLD packets between the mobile node and the home agent are encapsulated within the same tunnel header used for other packet flows between the mobile node and home agent.	(do)	A	A2			This function is implementaion-dependent. It does not effect on interoperability. *Multicast
36				To avoid ambiguity on the home agent, due to mobile nodes which may choose identical link-local source addresses for their MLD function, it is necessary for the home agent to identify which mobile node was actually the issuer of a particular MLD message. This may be accomplished by noting which tunnel such an MLD arrived by, which IPsec SA was used, or by other distinguishing means.	(do)	A	A2			This function is implementaion-dependent. It does not effect on interoperability. *Multicast
37	10.4.4	Stateful Address Autoconfigura tion	stateful address autoconfigura tion mechanisms	This section describes how home agents support the use of stateful address autoconfiguration mechanisms such as DHCPv6 [29] from the mobile nodes. If this support is not provided, then the M and O bits must remain cleared on the Mobile Prefix Advertisement Messages.	(do)	В	В			This function is implementaion-dependent. It does not effect on interoperability. *stateful address autoconfigration
38				Mobile nodes desiring to locate a DHCPv6 service may reverse tunnel standard DHCPv6 packets to the home agent. Since these link-scope packets can not be forwarded onto the home network, it is necessary for the home agent to either implement a DHCPv6 relay agent or a DHCPv6 server function itself.	(do)	В	В			This function is implementaion-dependent. It does not effect on interoperability. *stateful address autoconfigration



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No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
39				DHCPv6 messages sent to the mobile node with a link-local destination must be tunneled within the same tunnel header used for other packet flows.	(do)	В	В			This function is implementaion-dependent. It does not effect on interoperability. *stateful address autoconfigration
40		Handling Reverse Tunneled Packets	Home agents MUST support reverse tunneling as follows:	The tunneled traffic arrives to the home agent's address using IPv6 encapsulation [15].	MUST	A	A1	X	NEMO-HA_6_1_3,NEMO-HA_6_1_4, NEMO-HA_6_4_5,NEMO-HA_6_4_6, NEMO-HA_6_4_8, NEMO-HA_6_6_3,NEMO-HA_6_6_4, NEMO-HA_6_6_3,NEMO-HA_6_6_13, NEMO-HA_6_6_14,NEMO-HA_6_6_15, NEMO-HA_6_6_16,NEMO-HA_6_6_17, NEMO-HA_6_6_18, NEMO-HA_9_1_17,NEMO-HA_9_1_18, NEMO-HA_9_1_19,NEMO-HA_9_1_20, NEMO-HA_9_1_21,NEMO-HA_9_1_24, NEMO-HA_9_1_23,NEMO-HA_9_1_24, NEMO-HA_9_1_27,NEMO-HA_9_1_26, NEMO-HA_9_1_27,NEMO-HA_9_1_28, NEMO-HA_9_1_29,NEMO-HA_9_1_28, NEMO-HA_9_1_29,NEMO-HA_9_1_30, NEMO-HA_9_1_31,NEMO-HA_9_1_32,	Virtual Home link
							A2	X	NEMO-HA_9_2_15,NEMO-HA_9_2_16, NEMO-HA_9_2_17,NEMO-HA_9_2_18, NEMO-HA_9_2_19,NEMO-HA_9_2_20, NEMO-HA_9_2_21,NEMO-HA_9_2_22, NEMO-HA_9_2_25,NEMO-HA_9_2_24, NEMO-HA_9_2_25,NEMO-HA_9_2_26, NEMO-HA_9_2_27,NEMO-HA_9_2_28,	Virtual Home link, Network mobility(same HA)
									NEMO-HA_6_1_1,NEMO-HA_6_1_2, NEMO-HA_6_4_1,NEMO-HA_6_4_2, NEMO-HA_6_6_4_4, NEMO-HA_6_6_1,NEMO-HA_6_6_2, NEMO-HA_6_6_5,NEMO-HA_6_6_6, NEMO-HA_6_6_7,NEMO-HA_6_6_8, NEMO-HA_6_6_9,NEMO-HA_6_6_10, NEMO-HA_6_6_11,	Real Home link



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_9_1_1,NEMO-HA_9_1_2, NEMO-HA_9_1_3,NEMO-HA_9_1_4, NEMO-HA_9_1_5,NEMO-HA_9_1_6, NEMO-HA_9_1_7,NEMO-HA_9_1_8, NEMO-HA_9_1_9,NEMO-HA_9_1_10, NEMO-HA_9_1_11,NEMO-HA_9_1_12, NEMO-HA_9_1_13,NEMO-HA_9_1_14, NEMO-HA_9_1_15,NEMO-HA_9_1_16,	
									NEMO-HA_9_2_1,NEMO-HA_9_2_2, NEMO-HA_9_2_3,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6, NEMO-HA_9_2_7,NEMO-HA_9_2_8, NEMO-HA_9_2_9,NEMO-HA_9_2_10, NEMO-HA_9_2_11,NEMO-HA_9_2_12, NEMO-HA_9_2_13,NEMO-HA_9_2_14,	Real Home link, Network mobility(same HA)
41				Depending on the security policies used by the home agent, reverse tunneled packets MAY be discarded unless accompanied by a valid ESP header.	MAY	В	В		NEMO-HA_6_1_3,NEMO-HA_6_1_4, NEMO-HA_6_4_5,NEMO-HA_6_4_6, NEMO-HA_6_4_8, NEMO-HA_6_6_3,NEMO-HA_6_6_4, NEMO-HA_6_6_12,NEMO-HA_6_6_13, NEMO-HA_6_6_14,NEMO-HA_6_6_15, NEMO-HA_6_6_16,NEMO-HA_6_6_17, NEMO-HA_6_6_18, NEMO-HA_9_1_17,NEMO-HA_9_1_28, NEMO-HA_9_1_21,NEMO-HA_9_1_22, NEMO-HA_9_1_21,NEMO-HA_9_1_22, NEMO-HA_9_1_25,NEMO-HA_9_1_24, NEMO-HA_9_1_25,NEMO-HA_9_1_28, NEMO-HA_9_1_27,NEMO-HA_9_1_28, NEMO-HA_9_1_29,NEMO-HA_9_1_28, NEMO-HA_9_1_29,NEMO-HA_9_1_30, NEMO-HA_9_1_29,NEMO-HA_9_1_30, NEMO-HA_9_1_31,NEMO-HA_9_1_32,	Virtual Home link and This function is implementaion- dependent. *IPsec Protection of the payload packets tunneled between MR and HA
									NEMO-HA_9_2_15,NEMO-HA_9_2_16, NEMO-HA_9_2_17,NEMO-HA_9_2_18, NEMO-HA_9_2_19,NEMO-HA_9_2_20, NEMO-HA_9_2_21,NEMO-HA_9_2_22, NEMO-HA_9_2_23,NEMO-HA_9_2_24, NEMO-HA_9_2_25,NEMO-HA_9_2_26, NEMO-HA_9_2_27,NEMO-HA_9_2_28,	Virtual Home link, Network mobility(same HA) and This function is implementaion- dependent. *IPsec Protection of the payload packets tunneled between MR and HA



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No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
									NEMO-HA_6_1_1,NEMO-HA_6_1_2, NEMO-HA_6_4_1,NEMO-HA_6_4_2, NEMO-HA_6_6_1,NEMO-HA_6_6_2, NEMO-HA_6_6_5,NEMO-HA_6_6_6, NEMO-HA_6_6_7,NEMO-HA_6_6_8, NEMO-HA_6_6_9,NEMO-HA_6_6_10, NEMO-HA_6_6_11,	Real Home link and This function is implementaion- dependent. *IPsec Protection of the payload packets tunneled between MR and HA
									NEMO-HA_9_1_1,NEMO-HA_9_1_2, NEMO-HA_9_1_3,NEMO-HA_9_1_4, NEMO-HA_9_1_5,NEMO-HA_9_1_6, NEMO-HA_9_1_7,NEMO-HA_9_1_8, NEMO-HA_9_1_9,NEMO-HA_9_1_10, NEMO-HA_9_1_11,NEMO-HA_9_1_12, NEMO-HA_9_1_13,NEMO-HA_9_1_14, NEMO-HA_9_1_15,NEMO-HA_9_1_16,	
									NEMO-HA_9_2_1,NEMO-HA_9_2_2, NEMO-HA_9_2_3,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6, NEMO-HA_9_2_7,NEMO-HA_9_2_10, NEMO-HA_9_2_11,NEMO-HA_9_2_12, NEMO-HA_9_2_11,NEMO-HA_9_2_12, NEMO-HA_9_2_13,NEMO-HA_9_2_14,	Real Home link, Network mobility(same HA) and This function is implementaion- dependent. *IPsec Protection of the payload packets tunneled between MR and HA
42				When a home agent decapsulates a tunneled packet from the mobile node,	MUST	A	A1	X	NEMO-HA_6_5_5,NEMO-HA_6_5_6, NEMO-HA_6_5_7,NEMO-HA_6_5_8,	Virtual Home link



NI.	RFC	RFC	T4	Emptional Constitution	RFC	Functional	TEST		Test PROFILE	Decree of TECT Detection
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
				the home agent MUST verify that the Source Address in the tunnel IP header is the mobile node's primary care-of address. Otherwise, any node in the Internet could send traffic through the home agent and escape ingress filtering limitations.					NEMO-HA_6_5_1,NEMO-HA_6_5_2, NEMO-HA_6_5_3,NEMO-HA_6_5_4,	Real Home link
43	addition al			Reverse tunneled packets are discarded if there is no Binding Cache	(add)	A	A1	X	NEMO-HA_6_2_2,NEMO-HA_6_2_4, NEMO-HA_6_4_3,	Virtual Home link
	aı			entry.					NEMO-HA_6_2_1,NEMO-HA_6_2_3, NEMO-HA_6_4_7,	Real Home link
44		Protecting Return Routability Packets	supporting tunnel mode IPsec ESP	Therefore, the home agent MUST support tunnel mode IPsec ESP for the protection of packets belonging to the return routability procedure.	MUST	A	A2			This function is not defined in RFC3963.
45				Support for a non-null encryption transform and authentication algorithm MUST be available.	MUST	A	A2			This function is not defined in RFC3963.
46				The home agent MUST set the new care-of address as the destination address of these packets, as if the outer header destination address in the security association had changed [21].	MUST	A	A2			This function is not defined in RFC3963.
47				When IPsec is used to protect return routability signaling or payload packets, this protection MUST only be applied to the return routability packets entering the IPv6 encapsulated tunnel interface between the mobile node and the home agent.	MUST	A	A2			This function is not defined in RFC3963.



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
				(*1) Section 6.2 in RFC3963						
				relaxes this requirement so						
				that the Home Agent rejects						
				the Binding Update only if the						
				Home						
				Address does not belong to the						
				(*2) In section 6.2 of RFC3963,						

R bit field is required to be 1.



No.	RFC	RFC	Itom	Eunstianal Specification	RFC	Functional	TEST		Test PROFILE	Daggan of TEST Driggity
INO.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
1	10.5.1	Router Advertiseme nt Messages	valid Router Advertisement, as defined in the processing	o If the Home Agent (H) bit in the Router Advertisement is not set, delete the sending node's entry in the current Home Agents List (if one exists). Skip all the following steps.	(do)	A	A2	X	NEMO-HA_7_4_1, NEMO-HA_7_6_1,NEMO-HA_7_6_2, NEMO-HA_7_6_3,NEMO-HA_7_6_4, NEMO-HA_7_6_5,NEMO-HA_7_6_8,	Real home link, Dynamic Home Agent Address Discovery
2			algorithm specified for Neighbor Discovery [12], the home agent performs the following steps, in addition to any steps already required of it	o Otherwise, extract the Source Address from the IP header of the Router Advertisement. This is the link-local IP address on this link of the home agent sending this Advertisement [12].	(do)	A	A2	х	NEMO-HA_7_2_1, NEMO-HA_7_2_2, NEMO-HA_7_2_3, NEMO-HA_7_2_4, NEMO-HA_7_2_5, NEMO-HA_7_2_6, NEMO-HA_7_2_5, NEMO-HA_7_2_6, NEMO-HA_7_2_7, NEMO-HA_7_2_10, NEMO-HA_7_2_11, NEMO-HA_7_2_12, NEMO-HA_7_2_113, NEMO-HA_7_2_14, NEMO-HA_7_2_15, NEMO-HA_7_2_14, NEMO-HA_7_2_15, NEMO-HA_7_3_2, NEMO-HA_7_3_1, NEMO-HA_7_3_2, NEMO-HA_7_4_1, NEMO-HA_7_4_2, NEMO-HA_7_6_1, NEMO-HA_7_6_4, NEMO-HA_7_6_5, NEMO-HA_7_6_6, NEMO-HA_7_6_5, NEMO-HA_7_6_6_8, NEMO-HA_7_6_9, NEMO-HA_7_6_10,	Real home link, Dynamic Home Agent Address Discovery
3			by Neighbor Discovery:	o Determine the preference for this home agent. If the Router Advertisement contains a Home Agent Information Option, then the preference is taken from the Home Agent Preference field in the option;	(do)	A	A2	X	NEMO-HA_7_2_1, NEMO-HA_7_2_2, NEMO-HA_7_2_3, NEMO-HA_7_2_4, NEMO-HA_7_2_5, NEMO-HA_7_2_6, NEMO-HA_7_2_12, NEMO-HA_7_2_8, NEMO-HA_7_2_12, NEMO-HA_7_2_13, NEMO-HA_7_3_1, NEMO-HA_7_3_1, NEMO-HA_7_4_1, NEMO-HA_7_4_2, NEMO-HA_7_5_1, NEMO-HA_7_6_3, NEMO-HA_7_6_4, NEMO-HA_7_6_5, NEMO-HA_7_6_6, NEMO-HA_7_6_7, NEMO-HA_7_6_8, NEMO-HA_7_6_9, NEMO-HA_7_6_10,	Real home link, Dynamic Home Agent Address Discovery
4				otherwise, the default preference of 0 MUST be used.	MUST	A	A2	X		Real home link, Dynamic Home Agent Address Discovery
5				o Determine the lifetime for this home agent. If the Router Advertisement contains a Home Agent Information Option, then the lifetime is taken from the Home Agent Lifetime field in the option;	(do)	A	A2	Х	NEMO-HA_7_2_1, NEMO-HA_7_2_2, NEMO-HA_7_2_3, NEMO-HA_7_2_4, NEMO-HA_7_2_5, NEMO-HA_7_2_6, NEMO-HA_7_2_7, NEMO-HA_7_2_8, NEMO-HA_7_2_12, NEMO-HA_7_2_13, NEMO-HA_7_2_14, NEMO-HA_7_2_15, NEMO-HA_7_3_1, NEMO-HA_7_4_1, NEMO-HA_7_4_2, NEMO-HA_7_5_1, NEMO-HA_7_6_3, NEMO-HA_7_6_6, NEMO-HA_7_6_5, NEMO-HA_7_6_6, NEMO-HA_7_6_7, NEMO-HA_7_6_8, NEMO-HA_7_6_9, NEMO-HA_7_6_10,	Real home link, Dynamic Home Agent Address Discovery



No.	RFC	RFC	Item	Eurotianal Cresification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
100.	Section	Section title	rtem	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
6				otherwise, the lifetime specified by the Router Lifetime field in the Router Advertisement SHOULD be used.	SHOULD	A	A2	X	NEMO-HA_7_3_2, NEMO-HA_7_2_9,NEMO-HA_7_2_11,	Real home link, Dynamic Home Agent Address Discovery
7				o If the link-local address of the home agent sending this Advertisement is already present in this home agent's Home Agents List and the received home agent lifetime value is zero, immediately delete this entry in the Home Agents List.	(do)	A	A2	х	NEMO-HA_7_2_1, NEMO-HA_7_2_2, NEMO-HA_7_2_3, NEMO-HA_7_2_4, NEMO-HA_7_2_5, NEMO-HA_7_2_6, NEMO-HA_7_2_7, NEMO-HA_7_2_8, NEMO-HA_7_2_9, NEMO-HA_7_2_11, NEMO-HA_7_2_14, NEMO-HA_7_2_15, NEMO-HA_7_4_2, NEMO-HA_7_5_1, NEMO-HA_7_6_3, NEMO-HA_7_6_4, NEMO-HA_7_6_5, NEMO-HA_7_6_6, NEMO-HA_7_6_7, NEMO-HA_7_6_8, NEMO-HA_7_6_9, NEMO-HA_7_6_10,	Real home link, Dynamic Home Agent Address Discovery
8				o Otherwise, if the link-local address of the home agent sending this Advertisement is already present in the receiving home agent's Home Agents List, reset its lifetime and preference to the values determined	(do)	A	A2	Х	NEMO-HA_7_2_12,NEMO-HA_7_2_13,	Real home link, Dynamic Home Agent Address Discovery
9				o If the link-local address of the home agent sending this Advertisement is not already present in the Home Agents List maintained by the receiving home agent, and the lifetime for the sending home agent is non-zero, create a new entry in the list, and initialize its lifetime and preference to the values determined above.	(do)	A	A2	X	NEMO-HA_7_2_1, NEMO-HA_7_2_2, NEMO-HA_7_2_3, NEMO-HA_7_2_4, NEMO-HA_7_2_5, NEMO-HA_7_2_6, NEMO-HA_7_2_7, NEMO-HA_7_2_8, NEMO-HA_7_2_14, NEMO-HA_7_2_11, NEMO-HA_7_2_14, NEMO-HA_7_2_15, NEMO-HA_7_5_1, NEMO-HA_7_5_1, NEMO-HA_7_6_3, NEMO-HA_7_6_4, NEMO-HA_7_6_5, NEMO-HA_7_6_6, NEMO-HA_7_6_7, NEMO-HA_7_6_8, NEMO-HA_7_6_9, NEMO-HA_7_6_10,	Real home link, Dynamic Home Agent Address Discovery
10				o If the Home Agents List entry for the link-local address of the home agent sending this Advertisement was not deleted as described above, determine any global address(es) of the home	(do)	A	A2	Х	NEMO-HA_7_2_1, NEMO-HA_7_2_2, NEMO-HA_7_2_3, NEMO-HA_7_2_4, NEMO-HA_7_2_5, NEMO-HA_7_2_6, NEMO-HA_7_2_9, NEMO-HA_7_2_1, NEMO-HA_7_2_12, NEMO-HA_7_2_11, NEMO-HA_7_2_12, NEMO-HA_7_2_13, NEMO-HA_7_2_14, NEMO-HA_7_2_15	Real home link, Dynamic Home Agent Address Discovery



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	rtem	•	Status	Rank	Priority	Supported	Test No.	reason of TEST Thority
				agent based on each Prefix Information option received in this Advertisement in which the Router Address (R) bit is set (Section 7.2). Add all such global addresses to the list of global addresses in this Home Agents List entry.					NEMO-HA_7_3_1, NEMO-HA_7_4_1,NEMO-HA_7_4_2, NEMO-HA_7_5_1, NEMO-HA_7_6_3,NEMO-HA_7_6_4, NEMO-HA_7_6_5,NEMO-HA_7_6_6, NEMO-HA_7_6_7,NEMO-HA_7_6_8, NEMO-HA_7_6_9,NEMO-HA_7_6_10,	
11				A home agent SHOULD maintain an entry in its Home Agents List for each valid home agent address until that entry's lifetime expires, after which time the entry MUST be deleted.	SHOULD	A	A2	X	NEMO-HA_7_2_1, NEMO-HA_7_2_2, NEMO-HA_7_2_4, NEMO-HA_7_2_3, NEMO-HA_7_2_4, NEMO-HA_7_2_5, NEMO-HA_7_2_6, NEMO-HA_7_2_7, NEMO-HA_7_2_10, NEMO-HA_7_2_11, NEMO-HA_7_2_112, NEMO-HA_7_2_113, NEMO-HA_7_2_12, NEMO-HA_7_2_15, NEMO-HA_7_3_1, NEMO-HA_7_3_2, NEMO-HA_7_3_1, NEMO-HA_7_3_2, NEMO-HA_7_5_1, NEMO-HA_7_6_1, NEMO-HA_7_6_6, NEMO-HA_7_6_6, NEMO-HA_7_6_7, NEMO-HA_7_6_8, NEMO-HA_7_6_7, NEMO-HA_7_6_8, NEMO-HA_7_6_7, NEMO-HA_7_6_8,	Real home link, Dynamic Home Agent Address Discovery
12					MUST	A	A2	Х	NEMO-HA_7_2_10,NEMO-HA_7_2_11, NEMO-HA_7_2_13,	Real home link, Dynamic Home Agent Address Discovery
13				A home agent receiving a Home Agent Address Discovery Request message that serves this subnet SHOULD return an ICMP Home Agent Address Discovery Reply message to the mobile node with the Source Address of the Reply packet set to one of the global unicast addresses of the home agent.	SHOULD	A	A2	Х	NEMO-HA_7_1_2.NEMO-HA_7_1_4, NEMO-HA_7_1_6, NEMO-HA_7_1_5, NEMO-HA_7_2_1, NEMO-HA_7_2_2, NEMO-HA_7_2_3.NEMO-HA_7_2_4, NEMO-HA_7_2_3.NEMO-HA_7_2_6, NEMO-HA_7_2_5, NEMO-HA_7_2_6, NEMO-HA_7_2_9.NEMO-HA_7_2_10, NEMO-HA_7_2_11, NEMO-HA_7_2_12, NEMO-HA_7_2_13, NEMO-HA_7_2_14, NEMO-HA_7_2_15, NEMO-HA_7_2_15, NEMO-HA_7_2_15, NEMO-HA_7_3_1, NEMO-HA_7_3_2, NEMO-HA_7_3_1, NEMO-HA_7_3_2, NEMO-HA_7_4_1, NEMO-HA_7_4_2,	Virtual home link, Dynamic Home Agent Address Discovery Real home link, Dynamic Home Agent Address Discovery
									NEMO-HA_7_5_1, NEMO-HA_7_6_1,NEMO-HA_7_6_2, NEMO-HA_7_6_3,NEMO-HA_7_6_4, NEMO-HA_7_6_5,NEMO-HA_7_6_6, NEMO-HA_7_6_7,NEMO-HA_7_6_8, NEMO-HA_7_6_9,NEMO-HA_7_6_10,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
INO.	Section	Section title		•	Status	Rank	Priority	Supported	Test No.	J
14			Agent Addresses field in the Reply	o The Home Agent Addresses field SHOULD contain all global IP addresses for each home agent currently listed in this home agent's own Home Agents List (Section 10.1).	SHOULD	A	A2	X (*1)	NEMO-HA_7_1_2,NEMO-HA_7_1_4, NEMO-HA_7_1_6, NEMO-HA_7_1_6, NEMO-HA_7_1_5, NEMO-HA_7_1_5, NEMO-HA_7_2_1,NEMO-HA_7_2_2, NEMO-HA_7_2_3,NEMO-HA_7_2_4, NEMO-HA_7_2_5,NEMO-HA_7_2_6, NEMO-HA_7_2_7,NEMO-HA_7_2_8, NEMO-HA_7_2_7,NEMO-HA_7_2_10, NEMO-HA_7_2_11,NEMO-HA_7_2_12, NEMO-HA_7_2_13,NEMO-HA_7_2_14, NEMO-HA_7_2_13,NEMO-HA_7_2_14, NEMO-HA_7_2_15, NEMO-HA_7_2_15, NEMO-HA_7_2_15, NEMO-HA_7_2_1,NEMO-HA_7_3_2, NEMO-HA_7_4_1,NEMO-HA_7_4_2,	Virtual home link, Dynamic Home Agent Address Discovery Real home link, Dynamic Home Agent Address Discovery
15				o The IP addresses in the Home Agent	SHOULD	A	A2	X	NEMO-HA_7_5_1, NEMO-HA_7_6_1, NEMO-HA_7_6_2, NEMO-HA_7_6_3, NEMO-HA_7_6_4, NEMO-HA_7_6_5, NEMO-HA_7_6_6, NEMO-HA_7_6_7, NEMO-HA_7_6_8, NEMO-HA_7_6_9, NEMO-HA_7_6_10, NEMO-HA_7_2_1, NEMO-HA_7_2_2, NEMO-HA_7_2_3, NEMO-HA_7_2_4,	Real home link,
				Addresses field SHOULD be listed in order of decreasing preference values, based either on the respective advertised preference from a Home Agent Information option or on the default preference of 0 if no preference is advertised (or on the configured home agent preference for this home agent itself).					NEMO-HA_7_2_5, NEMO-HA_7_2_6, NEMO-HA_7_2_5, NEMO-HA_7_2_8, NEMO-HA_7_2_9, NEMO-HA_7_2_10, NEMO-HA_7_2_11, NEMO-HA_7_2_12, NEMO-HA_7_2_13, NEMO-HA_7_2_14, NEMO-HA_7_2_15, NEMO-HA_7_3_1, NEMO-HA_7_3_2, NEMO-HA_7_4_1, NEMO-HA_7_5_1, NEMO-HA_7_6_3, NEMO-HA_7_6_4, NEMO-HA_7_6_5, NEMO-HA_7_6_6, NEMO-HA_7_6_7, NEMO-HA_7_6_6, NEMO-HA_7_6_9, NEMO-HA_7_6_8, NEMO-HA_7_6_9, NEMO-HA_7_6_10,	Dynamic Home Agent Address Discovery
16				o Among home agents with equal preference, their IP addresses in the Home Agent Addresses field SHOULD be listed in an order randomized with respect to other home agents with equal preference every time a Home Agent Address Discovery Reply message is returned by this home agent	SHOULD	A	A2	Х	NEMO-HA_7_2_14,NEMO-HA_7_2_15, NEMO-HA_7_4_2,	Real home link, Dynamic Home Agent Address Discovery



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank	TEST Priority	Supported	Test PROFILE Test No.	Reason of TEST Priority
17				o If more than one global IP address is associated with a home agent, these addresses SHOULD be listed in a randomized order.	SHOULD	A	A2	X		Real home link, Dynamic Home Agent Address Discovery
18				o The home agent SHOULD reduce the number of home agent IP addresses so that the packet fits within the minimum IPv6 MTU [11].	SHOULD	A	A2	Х		Real home link, Dynamic Home Agent Address Discovery
19				The home agent addresses selected for inclusion in the packet SHOULD be those from the complete list with the highest preference. This limitation avoids the danger of the Reply message packet being fragmented (or rejected by an intermediate router with an ICMP Packet Too Big message [14]).		A	A2	X		Real home link, Dynamic Home Agent Address Discovery

(*1) In section 7 of RFC3963, If a Home Agent receives a Dynamic Home Agent Discovery request message with the Mobile Router Support Flag set, it MUST reply with a list of Home Agents supporting (*2) In section 7.3 of RFC3963, R bit flag is required in Home agent information option



No.	RFC	RFC	T4	Franchism of Consideration	RFC	Functional	TEST		Test PROFILE	D CTECT Delevites
INO.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
1	10.6.1.	Prefixes	monitoring prefixes and passing them on to MNs	To support this, the home agent monitors prefixes advertised by itself and other home agents on the home link.	(do)	A	A2			This function is implementaion-dependent. It does not effect on interoperability. *Multiple prefix
2		Prefix Deliveries	A home agent serving a mobile node will schedule	The state of the flags changes for the prefix of the mobile node's registered home address.	MUST	A	A2			This function is implementaion-dependent. It does not effect on interoperability.
3			the delivery of new prefix information to that mobile	The valid or preferred lifetime is reconfigured or changes for any reason other than advancing real time.	MUST	A	A2			This function is implementaion-dependent. It does not effect on interoperability.
4			node when any of the following conditions	The mobile node requests the information with a Mobile Prefix	MUST	A	A2	X	NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
			occur: MUST:	Solicitation (see Section 11.4.2).					NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA
5	addition al			When a home agent receives a Mobile Prefix Solicitation form a mobile node	(add)	A	A2	X	NEMO-HA_8_1_4	Virtual Home link, MPS/MPA
				before a home registration, the home agent sends a Binding Error message to the mobile node.					NEMO-HA_8_1_3,	Real Home link, MPS/MPA
6	10.6.2		A home agent serving a mobile node will schedule the delivery of new prefix information to that mobile node when any of the following conditions occur: SHOULD:	A new prefix is added to the home subnet interface(s) of the home agent.	SHOULD	A	A2			This function is implementaion-dependent. It does not effect on interoperability. *Multiple prefix



N.T.	RFC	RFC	Τ.		RFC	Functional	TEST		Test PROFILE	D CERCE D : 11
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
7			A home agent serving a mobile node will schedule the delivery of new prefix information to that mobile node when any of the following conditions occur: MAY:	The valid or preferred lifetime or the state of the flags changes for a prefix which is not used in any Binding Cache entry for this mobile node.	MAY	В	В			This function is implementaion-dependent. It does not effect on interoperability.
8			algorithm to determine when to send prefix	If a mobile node sends a solicitation, answer right away.	(do)	A	A2	X	NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16, NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Virtual Home link, MPS/MPA Real Home link, MPS/MPA
9			information	If no Mobile Prefix Advertisement has been sent to the mobile node in the last MaxMobPfxAdvInterval seconds (see Section 13), then ensure that a transmission is scheduled. The actual transmission time is randomized as described below.	(do)	A	A2			This function is implementaion-dependent. It does not effect on interoperability.
10				If a prefix matching the mobile node's home registration is added on the home subnet interface or if its information changes in any way that does not deprecate the mobile node's address, ensure that a transmission is scheduled. The actual transmission time is randomized as described below.	(do)	A	A2			This function is implementaion-dependent. It does not effect on interoperability.
11				If a home registration expires, cancel any scheduled advertisements to the mobile node.	(do)	A	A2			This function is implementaion-dependent. It does not effect on interoperability.



NI.	RFC	RFC	T4	Eti	RFC	Functional	TEST		Test PROFILE	D CTECT D.:
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
12			a Mobile Prefix	If the home agent has already scheduled the transmission of a Mobile Prefix Advertisement to the mobile node, then the home agent will replace the advertisement with a new one to be sent at the scheduled time.	(do)	A	A2			This function is implementaion-dependent. It does not effect on interoperability.
13				Otherwise, the home agent computes a fresh value for RAND_ADV_DELAY which offsets from the current time for the scheduled transmission. First calculate the maximum delay for the scheduled Advertisement: MaxScheduleDelay = min (MaxMobPfxAdvInterval, Preferred Lifetime), where MaxMobPfxAdvInterval is as defined in Section 12. Then computethe final delay for the advertisement: RAND_ADV_DELAY = MinMobPfxAdvInterval + (rand() % abs(MaxScheduleDelay - MinMobPfxAdvInterval)) Here rand() returns a random integer value in the range of 0 to the maximum possible integer value.	(do)	A	A2			This function is implementaion-dependent. It does not effect on interoperability.
14				In addition, a home agent MAY further reduce the rate of packet transmission by further delaying individual advertisements, when necessary to avoid overwhelming local network resources.	MAY	С	-			This function is implementaion-dependent. It does not effect on interoperability.
15				The home agent SHOULD periodically continue to retransmit an unsolicited Advertisement to the mobile node, until it is acknowledged by the receipt of a Mobile Prefix Solicitation from the mobile node.	SHOULD	A	A2			This function is implementaion-dependent. It does not effect on interoperability.



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
16				The home agent MUST wait PREFIX_ADV_TIMEOUT (see Section 12) before the first retransmission and double the retransmission wait time for every succeeding retransmission until a maximum number of PREFIX_ADV_RETRIES attempts (see Section 12) has been tried.	MUST	A	A2			This function is implementaion-dependent. It does not effect on interoperability.
17				If the mobile node's bindings expire before the matching Binding Update has been received, then the home agent MUST NOT attempt any more retransmissions, even if not all PREFIX_ADV_RETRIES have been retransmitted.	MUST NOT	A	A2			This function is implementaion-dependent. It does not effect on interoperability. *MPS/MPA
18				In the meantime, if the mobile node sends another Binding Update without returning home, then the home agent SHOULD begin transmitting the unsolicited Advertisement again.	SHOULD	A	A2			This function is implementaion-dependent. It does not effect on interoperability.
19				If some condition, as described above, occurs on the home link and causes another Prefix Advertisement to be sent to the mobile node, before the mobile node acknowledges a previous transmission, the home agent SHOULD combine any Prefix Information options in the unacknowledged Mobile Prefix Advertisement into a new Advertisement. The home agent then discards the old Advertisement.	SHOULD	A	A2			This function is implementaion-dependent. It does not effect on interoperability.



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	3
20	10.6.3	Advertiseme nts	When sending a Mobile Prefix Advertisement to the mobile node, the home agent MUST construct the packet as	The Source Address in the packet's IPv6 header MUST be set to the home agent's IP address to which the mobile node addressed its current home registration or its default global home agent address if no binding exists.	MUST	A	A2	Х	NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
			follows:						NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA
21				If the advertisement was solicited, it MUST be destined to the source address	MUST	A	A2	X	NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
				of the solicitation. If it was triggered by prefix changes or renumbering, the advertisement's destination will be the mobile node's home address in the binding which triggered the rule.					NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA
22				A type 2 routing header MUST be included with the mobile node's home	MUST	A	A2	X	NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
				address.					NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA
23				IPsec headers MUST be supported and SHOULD be used.	MUST/ SHOULD	A	A2	X	NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA
24				The home agent MUST send the packet as it would any other unicast IPv6	MUST	A	A2	X	NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
				packet that it originates.					NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank	TEST	Supported	Test PROFILE Test No.	Reason of TEST Priority
25	Section	Section enter		Set the Managed Address Configuration (M) flag if the corresponding flag has been set in any of the Router Advertisements from which the prefix information has been learned (including the ones sent by this home agent).	MUST	A	A2	Supported	rest ivo.	This function is implementaion-dependent. It does not effect on interoperability.
26				Set the Other Stateful Configuration (O) flag if the corresponding flag has been set in any of the Router Advertisements from which the prefix information has been learned (including the ones sent by this home agent).	MUST	A	A2			This function is implementaion-dependent. It does not effect on interoperability.
27	10.6.4	Lifetimes for Changed Prefixes		As described in Section 10.3.1, the lifetime returned by the home agent in a Binding Acknowledgement MUST not be greater than the remaining valid lifetime for the subnet prefix in the mobile node's home address.	MUST	A	A2			This function is implementaion-dependent. It does not effect on interoperability.



Nο	RFC	RFC	Itam	Functional Chasification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	, and the second
1	4.1	Mandatory Support	The following requirements apply to both home agents and mobile nodes:	Manual configuration of IPsec security associations MUST be supported. The configuration of the keys is expected to take placeout-of-band, for instance at the time the mobile node is configured to use its home agent.	MUST	A	A1		NEMO-HA 2 1 5.NEMO-HA 2 1.7, NEMO-HA 2 1.8, NEMO-HA 2 2.4, NEMO-HA 2 2.5, NEMO-HA 2 2.6, NEMO-HA 2 2.12, NEMO-HA 2 2.11, NEMO-HA 2.2, 12, NEMO-HA 2.2 1.4, NEMO-HA 2.5, 3.NEMO-HA 2.5, 4, NEMO-HA 2.5, 7.NEMO-HA 2.5, 8, NEMO-HA 2.6, 7.NEMO-HA 2.6, 10, NEMO-HA 2.6, 7.NEMO-HA 2.6, 10, NEMO-HA 2.6, 7.NEMO-HA 2.6, 10, NEMO-HA 2.6, 11, NEMO-HA 2.6, 11,	Virtual Home link
									NEMO-HA, 2, 7, 3. NEMO-HA, 2, 7, 4, NEMO-HA, 2, 7, 7, NEMO-HA, 2, 7, 8, NEMO-HA, 2, 8, 8, NEMO-HA, 2, 8, 8, NEMO-HA, 2, 8, 9, NEMO-HA, 2, 8, 10, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 8, 12, NEMO-HA, 2, 9, 14, NEMO-HA, 2, 9, 13, NEMO-HA, 2, 9, 14, NEMO-HA, 2, 9, 15, NEMO-HA, 2, 9, 15, NEMO-HA, 2, 10, 2, NEMO-HA, 2, 10, 2, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, 11, 11, NEMO-HA, 2, 11, 12, NEMO-HA, 2, 11, 11, NEMO-HA, 2, 11, 14, NEMO-HA, 2, 11, 15, NEMO-HA, 2, 11, 15, NEMO-HA, 2, 11, 15, NEMO-HA, 2, 11, 14, NEMO-HA, 2, 11, 15, NEMO-HA, 2, 11, 15, NEMO-HA, 2, 12, 6, NEMO-HA, 2, 12, 4, NEMO-HA, 2, 12, 6, NEMO-HA, 2, 12,	
									NEMO-HA, 3, 1, 11, NEMO-HA, 3, 1, 12, NEMO-HA, 3, 2, 11, NEMO-HA, 3, 2, 12, NEMO-HA, 3, 4, 16, NEMO-HA, 3, 4, 17, NEMO-HA, 3, 4, 18, NEMO-HA, 3, 4, 19, NEMO-HA, 3, 4, 20, NEMO-HA, 5, 1, 5, NEMO-HA, 5, 1, 5, NEMO-HA, 5, 2, 6, NEMO-HA, 5, 2, 7, NEMO-HA, 5, 2, 8, NEMO-HA, 5, 2, 7, NEMO-HA, 5, 3, 10, NEMO-HA, 5, 3, 12, NEMO-HA, 5, NEMO-HA, 5, NEMO-HA, 5, NEMO-HA, 5, NEMO-HA,	
									NEMO-HA_5_4_3.NEMO-HA_5_4_4, NEMO-HA_5_4_12.NEMO-HA_5_4_13, NEMO-HA_5_4_14.NEMO-HA_5_4_15, NEMO-HA_5_4_16.NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_5_4.NEMO-HA_5_5_6,	
									NEMO-HA. 6. 1. 3. NEMO-HA. 6. 1. 4. NEMO-HA. 6. 4. 5. NEMO-HA. 6. 4. 6. NEMO-HA. 6. 4. 7. NEMO-HA. 6. 4. 8. NEMO-HA. 6. 5. 5. NEMO-HA. 6. 5. 6. NEMO-HA. 6. 5. 7. NEMO-HA. 6. 5. 7. NEMO-HA. 6. 6. 3. NEMO-HA. 6. 6. 3. NEMO-HA. 6. 6. 3. NEMO-HA. 6. 6. 13. NEMO-HA. 6. 6. 14. NEMO-HA. 6. 6. 14. NEMO-HA. 6. 6. 17. NEMO-HA. 6. 6. 18. NEMO-HA. 6. 7. 2. NEMO-HA. 6. 7. 2. NEMO-HA. 6. 7. 2. NEMO-HA. 6. 7. 2. NEMO-HA. 6. 7. 8.	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	Item	1 dilctional Specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA. 9.1. 17. NEMO-HA. 9.1. 20. NEMO-HA. 9.1. 19. NEMO-HA. 9.1. 20. NEMO-HA. 9.1. 22. NEMO-HA. 9.1. 22. NEMO-HA. 9.1. 22. NEMO-HA. 9.1. 24. NEMO-HA. 9.1. 25. NEMO-HA. 9.1. 26. NEMO-HA. 9.1. 27. NEMO-HA. 9.1. 28. NEMO-HA. 9.1. 27. NEMO-HA. 9.1. 28. NEMO-HA. 9.1. 29. NEMO-HA. 9.1. 30. NEMO-HA. 9.1. 31. 31. NEMO-HA. 9.1. 30. NEMO-HA. 9.1. 31. NEMO-HA. 9.1. 32.	
							A2		NEMO-HA_8_1_2,NEMO-HA_8_1_4, NEMO-HA_8_1_8,NEMO-HA_8_1_16, NEMO-HA_9_2_15,NEMO-HA_9_2_16, NEMO-HA_9_2_17,NEMO-HA_9_2_28, NEMO-HA_9_2_19,NEMO-HA_9_2_20, NEMO-HA_9_2_21,NEMO-HA_9_2_22, NEMO-HA_9_2_23,NEMO-HA_9_2_24,	Virtual Home link, MPS/MPA Virtual Home link, Nested mobility(Same HA
									NEMO-HA_9_2_2S.NEMO-HA_9_2_28, NEMO-HA_9_2_27.NEMO-HA_9_2_28, NEMO-HA_1_1_5.NEMO-HA_1_1_6, NEMO-HA_1_1_7. NEMO-HA_2_1_1.NEMO-HA_2_1_2, NEMO-HA_2_1_3.NEMO-HA_2_1_4, NEMO-HA_2_1_3.NEMO-HA_2_1_4,	Real Home link
									NEMO-HA_2_1_14, NEMO-HA_2_1_15, NEMO-HA_2_2_1, NEMO-HA_2_2_2, NEMO-HA_2_2_3, NEMO-HA_2_2_10, NEMO-HA_2_2_13, NEMO-HA_2_2_13, NEMO-HA_2_3_1, NEMO-HA_2_3_2, NEMO-HA_2_3_1, NEMO-HA_2_3_4, NEMO-HA_2_4_1, NEMO-HA_2_4_4, NEMO-HA_2_4_3, NEMO-HA_2_4_4, NEMO-HA_2_4_3, NEMO-HA_2_4_6,	
									NEMO-HA_2_5_1, NEMO-HA_2_5_2, NEMO-HA_2_5_5, NEMO-HA_2_5_6, NEMO-HA_2_6_1, NEMO-HA_2_6_2, NEMO-HA_2_6_6_3, NEMO-HA_2_6_6, NEMO-HA_2_6_5, NEMO-HA_2_6_6, NEMO-HA_2_7_1, NEMO-HA_2_7_2, NEMO-HA_2_7_5, NEMO-HA_2_7_6, NEMO-HA_2_8_1, NEMO-HA_2_8_2, NEMO-HA_2_8_3, NEMO-HA_2_8_6, NEMO-HA_2_8_3, NEMO-HA_2_8_6,	
									NEMO-HA 2. 9. 1. NEMO-HA 2. 9. 2. NEMO-HA 2. 9. 3. NEMO-HA 2. 9. 4. NEMO-HA 2. 9. 5. NEMO-HA 2. 10. 1. NEMO-HA 2. 10. 2. NEMO-HA 2. 10. 3. NEMO-HA 2. 10. 6. NEMO-HA 2. 11. 3. NEMO-HA 2. 11. 4. NEMO-HA 2. 11. 3. NEMO-HA 2. 11. 4. NEMO-HA 2. 11. 5. NEMO-HA 2. 11. 4. NEMO-HA 2. 11. 5. NEMO-HA 2. 11. 8. NEMO-HA 2. 11. 5. NEMO-HA 2. 11. 9. NEMO-HA 2. 11. 9. NEMO-HA 2. 11. 9.	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
INO.	Section	Section title	пеш	runctional Specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA, 3, 1, 1, NEMO-HA, 3, 1, 2, NEMO-HA, 3, 1, 3, NEMO-HA, 3, 1, 4, NEMO-HA, 3, 1, 5, NEMO-HA, 3, 1, 6, NEMO-HA, 3, 1, 7, NEMO-HA, 3, 1, 8, NEMO-HA, 3, 1, 9, NEMO-HA, 3, 1, 2, NEMO-HA, 3, 2, 1, NEMO-HA, 3, 2, 2, NEMO-HA, 3, 2, 3, NEMO-HA, 3, 2, 4, NEMO-HA, 3, 2, 5, NEMO-HA, 3, 2, 6, NEMO-HA, 3, 2, 7, NEMO-HA, 3, 2, 6, NEMO-HA, 3, 2, 9, NEMO-HA, 3, 2, 10, NEMO-HA, 3, 2, NEMO-HA, 3, NEMA,	
									NEMO-HA, 3, 3, 1, NEMO-HA, 3, 3, 2, NEMO-HA, 3, 3, 3, NEMO-HA, 3, 3, 4, NEMO-HA, 3, 3, 5, NEMO-HA, 3, 3, 6, NEMO-HA, 3, 3, 7, NEMO-HA, 3, 4, 8, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 4, NEMO-HA, 3, 4, 5, NEMO-HA, 3, 4, 6, NEMO-HA, 3, 4, 7, NEMO-HA, 3, 4, 10, NEMO-HA, 3, 4, 10, NEMO-HA, 3, 4, 11, NEMO-HA, 3, 4, 11, NEMO-HA, 3, 4, 11, NEMO-HA, 3, 4, 12, NEMO-HA, 3, 4, 13, NEMO-HA, 3, 4, 14, NEMO-HA, 3, 4, 15, NEMO-HA	
									NEMO-HA. 4. 1. 1. NEMO-HA. 4. 1. 2. NEMO-HA. 4. 1. 2. NEMO-HA. 4. 2. 1. NEMO-HA. 4. 2. 2. NEMO-HA. 4. 2. 3. NEMO-HA. 4. 2. 4. NEMO-HA. 4. 2. 5. NEMO-HA. 4. 2. 6. NEMO-HA. 4. 2. 7. NEMO-HA. 4. 2. 10. NEMO-HA. 4. 2. 11. NEMO-HA. 4. 2. 12. NEMO-HA. 4. 2. 11. NEMO-HA. 4. 2. 12. NEMO-HA. 4. 2. 13. NEMO-HA. 4. 2. 14. NEMO-HA. 4. 2. 13. NEMO-HA. 4. 2. 14. NEMO-HA. 4. 2. 15. NEMO-HA. 4. 2. 16.	
									NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, 2, NEMO-HA, 4, 3, 3, NEMO-HA, 4, 3, 6, NEMO-HA, 4, 3, 5, NEMO-HA, 4, 3, 6, NEMO-HA, 4, 3, 9, NEMO-HA, 4, 3, 10, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 12, NEMO-HA, 4, 3, 13, NEMO-HA, 4, 3, 14, NEMO-HA, 4, 3, 13, NEMO-HA, 4, 3, 14, NEMO-HA, 4, 3, 15, NEMO-HA, 4, 3, 16,	
									NEMO-HA_4_4_1.NEMO-HA_4_4_2. NEMO-HA_4_4_3.NEMO-HA_4_4_6. NEMO-HA_4_4_5.NEMO-HA_4_4_6. NEMO-HA_4_4_7.NEMO-HA_4_4_18. NEMO-HA_4_4_9.NEMO-HA_4_4_18. NEMO-HA_4_4_14.NEMO-HA_4_4_15.	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	
	Section	Section title			Status	Rank	PHONLY		NEMO-HA. 5.1.1.NEMO HA. 5.1.2. NEMO-HA. 5.1.3.NEMO-HA. 5.1.4. NEMO-HA. 5.2.1.NEMO-HA. 5.1.4. NEMO-HA. 5.2.3.NEMO-HA. 5.2.4. NEMO-HA. 5.2.3.NEMO-HA. 5.2.4. NEMO-HA. 5.3.3.NEMO-HA. 5.3.4. NEMO-HA. 5.3.3.NEMO-HA. 5.3.6. NEMO-HA. 5.3.4. NEMO-HA. 5.3.4. NEMO-HA. 5.4.5.NEMO-HA. 5.4.2. NEMO-HA. 5.4.5.NEMO-HA. 5.4.2. NEMO-HA. 5.4.5.NEMO-HA. 5.4.8. NEMO-HA. 5.4.7.NEMO-HA. 5.4.10. NEMO-HA. 5.4.7.NEMO-HA. 5.4.10. NEMO-HA. 5.4.7.NEMO-HA. 5.4.10. NEMO-HA. 5.4.7.NEMO-HA. 5.4.10. NEMO-HA. 6.2.1.NEMO-HA. 6.4.2. NEMO-HA. 6.2.1.NEMO-HA. 6.2.2. NEMO-HA. 6.2.3.NEMO-HA. 6.2.4. NEMO-HA. 6.4.3.NEMO-HA. 6.4.4. NEMO-HA. 6.5.3.NEMO-HA. 6.4.4. NEMO-HA. 6.5.3.NEMO-HA. 6.6.2. NEMO-HA. 6.5.3.NEMO-HA. 6.6.2. NEMO-HA. 6.6.3.NEMO-HA. 6.6.2. NEMO-HA. 6.6.3.NEMO-HA. 6.6.3. NEMO-HA. 6.7.NEMO-HA. 6.7.3. NEMO-HA. 6.9.1.NEMO-HA. 6.7.3. NEMO-HA. 6.9.1.NEMO-HA. 6.7.6. NEMO-HA. 9.1.3.NEMO-HA. 9.1.4. NEMO-HA. 9.1.3.NEMO-HA. 9.1.4. NEMO-HA. 9.1.3.NEMO-HA. 9.1.4. NEMO-HA. 9.1.3.NEMO-HA. 9.1.4. NEMO-HA. 9.1.1.NEMO-HA. 9.1.14. NEMO-HA. 9.1.1.NEMO-HA. 9.1.14. NEMO-HA. 9.1.1.NEMO-HA. 9.1.16. NEMO-HA. 9.1.1.NEMO-HA. 9.1.16. NEMO-HA. 9.1.1.NEMO-HA. 9.1.16.	Real Home link, MPS/MPA
2				Automatic key management with IKE [4] MAY be supported. Only IKEv1 is	MAY	В	В		NEMO-HA, 8, 1, 7, NEMO-HA, 8, 1, 15, NEMO-HA, 9, 2, 1, NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 6, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 8, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 9, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14,	MPS/MPA Real Home link, Nested mobility(Same HA) Virtual Home link, IKE
				discussed in this document. Other automatic key management mechanisms exist and will appear beyond IKEv1, but this document does not address the issues related to them.						Real Home link, IKE



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	rtem	r unctional Specification	Status	Rank	Priority	Supported	Test No.	
3				ESP encapsulation of Binding Updates and Acknowledgements between the mobile node and home agent MUST be supported and MUST be used.	MUST	A	A1		NEMO-HA, 2, 1, 5, NEMO-HA, 2, 1, 7, NEMO-HA, 2, 1, 8, NEMO-HA, 2, 2, 4, NEMO-HA, 2, 2, 5, NEMO-HA, 2, 2, 6, NEMO-HA, 2, 2, 11, NEMO-HA, 2, 2, 11, NEMO-HA, 2, 2, 14, NEMO-HA, 2, 2, 14, NEMO-HA, 2, 5, 3, NEMO-HA, 2, 5, 4, NEMO-HA, 2, 5, 7, NEMO-HA, 2, 5, 7, NEMO-HA, 2, 6, 10, NEMO-HA, 2, 6, 9, NEMO-HA, 2, 6, 10, NEMO-HA, 2, 6, 11, NEMO-HA, 2, 6, 11, NEMO-HA, 2, 6, 11, NEMO-HA, 2, 6, 11, NEMO-HA, 2, 6, 12, NEMO-HA, 2, 6, 12, NEMO-HA, 2, 6, 11, NEMO-HA, 2, 6, 12, NEMO-HA, 2, NEM	Virtual Home link
									NEMO-HA, 2, 7, 3, NEMO-HA, 2, 7, 4, NEMO-HA, 2, 7, 8, NEMO-HA, 2, 7, 8, NEMO-HA, 2, 8, 8, NEMO-HA, 2, 8, 8, NEMO-HA, 2, 8, 9, NEMO-HA, 2, 8, 10, NEMO-HA, 2, 8, 11, NEMO-HA, 2, 9, 12, NEMO-HA, 2, 9, 11, NEMO-HA, 2, 9, 12, NEMO-HA, 2, 9, 13, NEMO-HA, 2, 9, 14, NEMO-HA, 2, 10, 7, NEMO-HA, 2, 10, 7, NEMO-HA, 2, 10, 7, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, 11, 11, NEMO-HA, 2, 10, 12, NEMO-HA, 2, 11, 11, 11, NEMO-HA, 2, 11, 12, NEMO-HA, 2, 11, 11, NEMO-HA, 2, 11, 12, NEMO-HA, 2, 11, 11, NEMO-HA, 2, 11, 14, NEMO-HA, 2, 11, 15, NEMO-HA, 2, 11, 14, NEMO-HA, 2, 11, 15, NEMO-HA, 2, 11, 14, NEMO-HA, 2, 11, 15, NEMO-HA, 2, 12, 6, NEMO-HA, 2, 12, 6, NEMO-HA, 2, 12, 4, NEMO-HA, 2, 12, 6, NEMO-HA, 2, 12, 6, NEMO-HA, 2, 12, 4, NEMO-HA, 2, 12, 6, NEMO-HA, 2, 12, 6	
									NEMO-HA_3_1_11,NEMO-HA_3_1_12, NEMO-HA_3_2_11,NEMO-HA_3_2_17, NEMO-HA_3_4_18,NEMO-HA_3_4_17, NEMO-HA_3_4_18,NEMO-HA_3_4_19, NEMO-HA_3_1_20, NEMO-HA_5_1_5,NEMO-HA_5_1_6, NEMO-HA_5_1_5,NEMO-HA_5_2_6, NEMO-HA_5_2_7,NEMO-HA_5_2_8, NEMO-HA_5_2_7,NEMO-HA_5_2_8, NEMO-HA_5_3_10,	
									NEMO-HA_5_4_3,NEMO-HA_5_4_4, NEMO-HA_5_4_12,NEMO-HA_5_4_13, NEMO-HA_5_4_14,NEMO-HA_5_4_15, NEMO-HA_5_4_16,NEMO-HA_5_4_17, NEMO-HA_5_4_18,NEMO-HA_5_5_6,	
									NEMO-HA_6_1_3, NEMO-HA_6_1_4, NEMO-HA_6_4_6, NEMO-HA_6_4_7, NEMO-HA_6_4_6, NEMO-HA_6_4_6, NEMO-HA_6_5_6, NEMO-HA_6_5_6, NEMO-HA_6_5_6, NEMO-HA_6_6_5, NEMO-HA_6_6_8, NEMO-HA_6_6_8, NEMO-HA_6_6_1, NEMO-HA_6_7_2, NEMO-HA_6_7_2, NEMO-HA_6_7_7, NEMO-HA_6_7_8, NEMO-HA_6_8_8, NEMO-HA_6_8_8, NEMO-HA_6_8_8, NEMO-HA_6_8_8, NEMO-H	



No	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA, 9, 1, 17, NEMO-HA, 9, 1, 18, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 21, NEMO-HA, 9, 1, 22, NEMO-HA, 9, 1, 23, NEMO-HA, 9, 1, 24, NEMO-HA, 9, 1, 25, NEMO-HA, 9, 1, 26, NEMO-HA, 9, 1, 26, NEMO-HA, 9, 1, 28, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 30, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 32, NEMO-HA, 9, 1, 32, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 32, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 32, NEMO-HA, 9, 1	
							A2	X	NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 19, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 25, NEMO-HA, 9, 2, 26, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28,	Virtual Home link, Nested mobility(Same HA
									NEMO-HA_1_1_5.NEMO-HA_1_1_6, NEMO-HA_1_1_7, NEMO-HA_2_1_3.NEMO-HA_2_1_2, NEMO-HA_2_1_3.NEMO-HA_2_1_4, NEMO-HA_2_1_6.NEMO-HA_2_1_9, NEMO-HA_2_1_14.NEMO-HA_2_1_15,	Real Home link
									NEMO-HA 2. 2. 1. NEMO-HA 2. 2. 2. NEMO-HA 2. 2. 3. NEMO-HA 2. 2. 7. NEMO-HA 2. 2. 9. NEMO-HA 2. 2. 10. NEMO-HA 2. 2. 10. NEMO-HA 2. 2. 13. NEMO-HA 2. 3. 4. NEMO-HA 2. 3. 3. NEMO-HA 2. 3. 4. NEMO-HA 2. 4. 1. NEMO-HA 2. 4. 2. NEMO-HA 2. 4. 3. NEMO-HA 2. 4. 5. NEMO-HA 2. 4. 6.	
									NEMO-HA_2_5_1,NEMO-HA_2_5_2, NEMO-HA_2_5_5,NEMO-HA_2_5_6, NEMO-HA_2_6_1,NEMO-HA_2_6_2, NEMO-HA_2_6_6_3,NEMO-HA_2_6_6, NEMO-HA_2_6_6_5,NEMO-HA_2_6_6, NEMO-HA_2_7_1,NEMO-HA_2_7_2, NEMO-HA_2_7_1,NEMO-HA_2_7_6, NEMO-HA_2_8_1,NEMO-HA_2_8_2, NEMO-HA_2_8_3,NEMO-HA_2_8_6, NEMO-HA_2_8_3,NEMO-HA_2_8_6,	
									NEMO-HA 2. 9.1. NEMO-HA 2. 9. 2. NEMO-HA 2. 9. 3. NEMO-HA 2. 9. 4. NEMO-HA 2. 9. 5. NEMO-HA 2. 10. 1. NEMO-HA 2. 10. 2. NEMO-HA 2. 10. 3. NEMO-HA 2. 10. 6. NEMO-HA 2. 11. 1. NEMO-HA 2. 11. 2. NEMO-HA 2. 11. 3. NEMO-HA 2. 11. 2. NEMO-HA 2. 11. 3. NEMO-HA 2. 11. 4. NEMO-HA 2. 11. 5. NEMO-HA 2. 11. 5. NEMO-HA 2. 11. 5. NEMO-HA 2. 11. 7. NEMO-HA 2. 11. 8. NEMO-HA 2. 11. 9. NEMO-HA 2. 11. 9.	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	item	Punctional Specification	Status	Rank	Priority	Supported Test No.	
								NEMO-HA_3_1_1.NEMO-HA_3_1_2, NEMO-HA_3_1_3.NEMO-HA_3_1_4, NEMO-HA_3_1_5.NEMO-HA_3_1_6, NEMO-HA_3_1_7.NEMO-HA_3_1_8,	
								NEMO-HA, 3, 1, 9, NEMO-HA, 3, 1, 10, NEMO-HA, 3, 2, 2, 1, NEMO-HA, 3, 2, 2, NEMO-HA, 3, 2, 3, NEMO-HA, 3, 2, 4, NEMO-HA, 3, 2, 5, NEMO-HA, 3, 2, 6, NEMO-HA, 3, 2, 9, NEMO-HA, 3, 2, 10, NEMO-HA, 3, 2, 9, NEMO-HA, 3, 2, 10,	
								NEMO-HA, 3, 3, 1, NEMO-HA, 3, 3, 2, NEMO-HA, 3, 3, 3, NEMO-HA, 3, 3, 4, NEMO-HA, 3, 3, 6, NEMO-HA, 3, 3, 6, NEMO-HA, 3, 3, 7, NEMO-HA, 3, 3, 4, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 2, NEMO-HA, 3, 4, 5, NEMO-HA, 3, 4, 4, NEMO-HA, 3, 4, 5, NEMO-HA, 3, 4, 5, NEMO-HA, 3, 4, 5, NEMO-HA, 3, 4, 9, NEMO-HA, 3, 4, 10, NEMO-HA, 3, 4, 10, NEMO-HA, 3, 4, 11, NEMO-HA, 3, 4, 11, NEMO-HA, 3, 4, 12, NEMO-HA, 3, 4, 13, NEMO-HA, 3	
								NEMO-HA_4_1_1,NEMO-HA_4_1_2, NEMO-HA_4_1_3, NEMO-HA_4_2_1,NEMO-HA_4_2_2, NEMO-HA_4_2_3,NEMO-HA_4_2_4, NEMO-HA_4_2_5,NEMO-HA_4_2_6, NEMO-HA_4_2_5,NEMO-HA_4_2_6, NEMO-HA_4_2_5,NEMO-HA_4_2_6, NEMO-HA_4_2_1,NEMO-HA_4_2_10, NEMO-HA_4_2_1,1,NEMO-HA_4_2_11, NEMO-HA_4_2_13,NEMO-HA_4_2_14, NEMO-HA_4_2_15,NEMO-HA_4_2_16,	
								NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, 2, NEMO-HA, 4, 3, 3, NEMO-HA, 4, 3, 4, NEMO-HA, 4, 3, 5, NEMO-HA, 4, 3, 6, NEMO-HA, 4, 3, 7, NEMO-HA, 4, 3, 8, NEMO-HA, 4, 3, 9, NEMO-HA, 4, 3, 10, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 12, NEMO-HA, 4, 3, 113, NEMO-HA, 4, 3, 14, NEMO-HA, 4, 3, 13, NEMO-HA, 4, 3, 14,	
								NEMO-HA_4_4_1, NEMO-HA_4_4_2. NEMO-HA_4_4_3, NEMO-HA_4_4_4. NEMO-HA_4_4_5, NEMO-HA_4_4_6. NEMO-HA_4_4_7, NEMO-HA_4_4_8. NEMO-HA_4_4_9, NEMO-HA_4_4_13. NEMO-HA_4_4_14, NEMO-HA_4_4_15.	



	Test No. NEMO-HA_5_1_1,NEMO-HA_5_1_2, NEMO-HA_5_1_3,NEMO-HA_5_1_4, NEMO-HA_5_2_1,NEMO-HA_5_2_2,	
	NEMO-HA_5_1_3,NEMO-HA_5_1_4,	
MUST A A1 X	NEMO-HA, 5, 2, 1, NEMO-HA, 5, 2, 4, NEMO-HA, 5, 2, 3, NEMO-HA, 5, 3, 4, NEMO-HA, 5, 3, 1, NEMO-HA, 5, 3, 6, NEMO-HA, 5, 3, 1, NEMO-HA, 5, 3, 6, NEMO-HA, 5, 3, 5, NEMO-HA, 5, 3, 6, NEMO-HA, 5, 4, 2, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 6, 5, 1, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 1, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 3, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 5, NEMO-HA, 6, 6, 2, NEMO-HA, 6, 5, NEMO-HA, 6, 6, 2, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, 1, NEMO-HA, 6, 6, 1, NEMO-HA, 6, 1, 1, NEMO-HA, 9, 1, 2, NEMO-HA, 9, 1, 3, NEMO-HA, 9, 1, 4, NEMO-HA, 9, 1, 1, NEMO-HA, 9, 2, 1,	Real Home link, MPS/MPA Real Home link, Nested mobility(Same HA) Virtual Home link



NT.	RFC	RFC	Trons	E	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	·
No.			Item	Functional Specification				Supported		Reason of TEST Priority
							A2	X	NEMO-HA_9_1_17.NEMO-HA_9_1_18, NEMO-HA_9_1_20, NEMO-HA_9_1_21.NEMO-HA_9_1_22, NEMO-HA_9_1_23.NEMO-HA_9_1_24, NEMO-HA_9_1_25.NEMO-HA_9_1_26, NEMO-HA_9_1_27.NEMO-HA_9_1_28, NEMO-HA_9_1_27.NEMO-HA_9_1_30, NEMO-HA_9_1_31.NEMO-HA_9_1_32,	Virtual Home link, MPS/MPA



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
NO.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA. 9. 2. 15. NEMO-HA. 9. 2. 16. NEMO-HA. 9. 2. 1. NEMO-HA. 9. 2. 21. NEMO-HA. 9. 2. 2. 1. NEMO-HA. 9. 2. 20. NEMO-HA. 9. 2. 21. NEMO-HA. 9. 2. 22. NEMO-HA. 9. 2. 23. NEMO-HA. 9. 2. 24. NEMO-HA. 9. 2. 25. NEMO-HA. 9. 2. 26. NEMO-HA. 9. 2. 27. NEMO-HA. 9. 2. 28.	Virtual Home link, Nested mobility(Same HA)
									NEMO-HA_1_1, S.NEMO-HA_1_1_6, NEMO-HA_1_1_1, T. NEMO-HA_2_1_1. NEMO-HA_2_1_2, NEMO-HA_2_1_1, NEMO-HA_2_1_4, NEMO-HA_2_1_1, NEMO-HA_2_1_15, NEMO-HA_2_1_1+NEMO-HA_2_1_15, NEMO-HA_2_2_1, NEMO-HA_2_2_2, NEMO-HA_2_2_3, NEMO-HA_2_2_1, NEMO-HA_2_2_3, NEMO-HA_2_2_10, NEMO-HA_2_2_13, NEMO-HA_2_2_3, 1. NEMO-HA_2_3_2, NEMO-HA_2_3_3_1, NEMO-HA_2_3_2, NEMO-HA_2_3_3_1, NEMO-HA_2_3_2, NEMO-HA_2_3_3, NEMO-HA_2_3_3_2,	Real Home link
									NEMO-HA, 2, 4, 1, NEMO-HA, 2, 4, 2, NEMO-HA, 2, 4, 3, NEMO-HA, 2, 4, 4, NEMO-HA, 2, 4, 5, NEMO-HA, 2, 4, 6, NEMO-HA, 2, 5, 5, NEMO-HA, 2, 5, 6, NEMO-HA, 2, 5, 5, NEMO-HA, 2, 6, 2, NEMO-HA, 2, 6, 1, NEMO-HA, 2, 6, 3, NEMO-HA, 2, 6, 6, NEMO-HA, 2, 6, 3, NEMO-HA, 2, 6, 6, NEMO-HA, 2, 7, 2, NEMO-HA, 2, 8, 3, NEMO-HA, 2, 8, 3, NEMO-HA, 2, 8, 3, NEMO-HA, 2, 8, 3, NEMO-HA, 2, 8, 6, NEMO-HA, 2,	
									NEMO-HA_2_9_1,NEMO-HA_2_9_2, NEMO-HA_2_9_3,NEMO-HA_2_9_4, NEMO-HA_2_9_5, NEMO-HA_2_10_1,NEMO-HA_2_10_2, NEMO-HA_2_10_3,NEMO-HA_2_10_6, NEMO-HA_2_11_1,NEMO-HA_2_11_4, NEMO-HA_2_11_3,NEMO-HA_2_11_4, NEMO-HA_2_11_3,NEMO-HA_2_11_4, NEMO-HA_2_11_5,NEMO-HA_2_11_8, NEMO-HA_2_11_5,NEMO-HA_2_11_8, NEMO-HA_2_11_9,NEMO-HA_2_11_8, NEMO-HA_2_11_9,NEMO-HA_2_12_3,	
									NEMO-HA. 3. 1. 1. NEMO-HA. 3. 1. 2. NEMO-HA. 3. 1. 3. NEMO-HA. 3. 1. 4. NEMO-HA. 3. 1. 5. NEMO-HA. 3. 1. 6. NEMO-HA. 3. 1. 7. NEMO-HA. 3. 1. 8. NEMO-HA. 3. 1. 9. NEMO-HA. 3. 1. 2. NEMO-HA. 3. 2. 1. NEMO-HA. 3. 2. 4. NEMO-HA. 3. 2. 5. NEMO-HA. 3. 2. 6. NEMO-HA. 3. 2. 7. NEMO-HA. 3. 2. 6. NEMO-HA. 3. 2. 7. NEMO-HA. 3. 2. 8. NEMO-HA. 3. 2. 7. NEMO-HA. 3. 2. 8. NEMO-HA. 3. 2. 9. NEMO-HA. 3. 2. 10.	



No	RFC	RFC	Itam	Eunstianal Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priori
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA, 3, 3, 1, NEMO-HA, 3, 3, 2, NEMO-HA, 3, 3, 3, NEMO-HA, 3, 3, 4, NEMO-HA, 3, 3, 5, NEMO-HA, 3, 3, 6, NEMO-HA, 3, 3, 7, NEMO-HA, 3, 3, 8, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 2, NEMO-HA, 3, 4, 3, NEMO-HA, 3, 4, 6, NEMO-HA, 3, 4, 5, NEMO-HA, 3, 4, 6, NEMO-HA, 3, 4, 7, NEMO-HA, 3, 4, 6,	
									NEMO-HA_3_4_9, NEMO-HA_3_4_10, NEMO-HA_3_4_11, NEMO-HA_3_4_12, NEMO-HA_3_4_13, NEMO-HA_3_4_14, NEMO-HA_3_4_15,	
									NEMO-HA_4_1_1.NEMO-HA_4_1_2, NEMO-HA_4_1_3, NEMO-HA_4_2_1.NEMO-HA_4_2_2, NEMO-HA_4_2_3.NEMO-HA_4_2_6, NEMO-HA_4_2_5.NEMO-HA_4_2_6, NEMO-HA_4_2_7.NEMO-HA_4_2_8, NEMO-HA_4_2_9.NEMO-HA_4_2_10,	
									NEMO-HA_4_2_11, NEMO-HA_4_2_12, NEMO-HA_4_2_13, NEMO-HA_4_2_14, NEMO-HA_4_2_15, NEMO-HA_4_2_16, NEMO-HA_4_3_1, NEMO-HA_4_3_2,	
									NEMO-HA, 4, 3, 3, NEMO-HA, 4, 3, 4, NEMO-HA, 4, 3, 5, NEMO-HA, 4, 3, 6, NEMO-HA, 4, 3, 7, NEMO-HA, 4, 3, 8, NEMO-HA, 4, 3, 9, NEMO-HA, 4, 3, 10, NEMO-HA, 4, 3, 11, NEMO-HA, 4, 3, 12, NEMO-HA, 4, 3, 13, NEMO-HA, 4, 3, 14, NEMO-HA, 4, 3, 15, NEMO-HA, 4, 3, 16,	
									NEMO-HA_4_4_1, NEMO-HA_4_4_2, NEMO-HA_4_4_5, NEMO-HA_4_4_4, NEMO-HA_4_4_5, NEMO-HA_4_4_8, NEMO-HA_4_4_7, NEMO-HA_4_4_8, NEMO-HA_4_4_9, NEMO-HA_4_4_13, NEMO-HA_4_4_14, NEMO-HA_4_4_15,	
									NEMO-HA, 5, 1, 1, NEMO-HA, 5, 1, 2, NEMO-HA, 5, 1, 3, NEMO-HA, 5, 2, 2, NEMO-HA, 5, 2, 3, NEMO-HA, 5, 2, 2, NEMO-HA, 5, 3, 1, NEMO-HA, 5, 2, 4, NEMO-HA, 5, 3, 5, NEMO-HA, 5, 3, 6, NEMO-HA, 5, 3, 5, NEMO-HA, 5, 3, 6, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 2, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 8, NEMO-HA, 5, 4, 7, NEMO-HA, 5, 4, 8, NEMO-HA, 5, 4, 9, NEMO-HA, 5, 4, 8, NEMO-HA, 5, 4, 9, NEMO-HA, 5, 4, 8,	
									NEMO-HA_5_4_11, NEMO-HA_5_5_1,NEMO-HA_5_5_3, NEMO-HA_6_1_1,NEMO-HA_6_1_2, NEMO-HA_6_2_1,NEMO-HA_6_2_2,	
									NEMO-HA_6_2_3.NEMO-HA_6_2_4. NEMO-HA_6_4_3.NEMO-HA_6_4_2. NEMO-HA_6_4_3.NEMO-HA_6_4_4. NEMO-HA_6_5_1.NEMO-HA_6_5_2. NEMO-HA_6_5_3.NEMO-HA_6_5_4.	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
100.	Section	Section title	item	Functional Specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA, 6, 6, 1, NEMO-HA, 6, 6, 2, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, 8, NEMO-HA, 6, 6, 9, NEMO-HA, 6, 6, 10, NEMO-HA, 6, 6, 9, NEMO-HA, 6, 6, 10, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 7, 1, NEMO-HA, 6, 7, 8, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 6,	
									NEMO-HA. 9. 1. 1. NEMO-HA. 9. 1. 2. NEMO-HA. 9. 1. 3. NEMO-HA. 9. 1. 4. NEMO-HA. 9. 1. 5. NEMO-HA. 9. 1. 6. NEMO-HA. 9. 1. 7. NEMO-HA. 9. 1. 8. NEMO-HA. 9. 1. 9. NEMO-HA. 9. 1. 10. NEMO-HA. 9. 1. 11. NEMO-HA. 9. 1. 12. NEMO-HA. 9. 1. 13. NEMO-HA. 9. 1. 14. NEMO-HA. 9. 1. 13. NEMO-HA. 9. 1. 14. NEMO-HA. 9. 1. 15. NEMO-HA. 9. 1. 16.	
									NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA
									NEMO-HA 9 2 1.NEMO-HA 9 2 2, NEMO-HA 9 2 3.NEMO-HA 9 2 2,4, NEMO-HA 9 2 5.NEMO-HA 9 2 6, NEMO-HA 9 2 7.NEMO-HA 9 2 8, NEMO-HA 9 2 9.NEMO-HA 9 2 10, NEMO-HA 9 2 11.NEMO-HA 9 2 112, NEMO-HA 9 2 11.NEMO-HA 9 2 12,	Real Home link, Nested mobility(Same HA)
5				ESP encapsulation of the Home Test Init and Home Test messages tunneled	MUST	A	A2			This function is not defined in RFC3963.
6				between the mobile node and home agent MUST be supported and SHOULD be used.	SHOULD	A	A2			This function is not defined in RFC3963.
7				ESP encapsulation of the ICMPv6 messages related to prefix discovery	MUST	A	A2	X	NEMO-HA_8_1_2,NEMO-HA_8_1_4, NEMO-HA_8_1_8,NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
				MUST be supported and SHOULD be used.					NEMO-HA_8_1_1,NEMO-HA_8_1_3, NEMO-HA_8_1_7,NEMO-HA_8_1_15,	Real Home link, MPS/MPA
8					SHOULD	A	A2	X	NEMO-HA_8_1_2,NEMO-HA_8_1_4, NEMO-HA_8_1_8,NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO-HA_8_1_1,NEMO-HA_8_1_3, NEMO-HA_8_1_7,NEMO-HA_8_1_15,	Real Home link, MPS/MPA
9				ESP encapsulation of the payload packets tunneled between the mobile node and home agent MAY be supported and used.	MAY	В	В		NEMO-HA. 5. 1. 5.NEMO-HA. 5. 1. 6, NEMO-HA. 5. 2. 5. NEMO-HA. 5. 2. 6, NEMO-HA. 5. 2. 8, NEMO-HA. 5. 2. 8, NEMO-HA. 5. 4. 3.NEMO-HA. 5. 4. 4, NEMO-HA. 5. 4. 12. NEMO-HA. 5. 4. 13, NEMO-HA. 5. 4. 14. NEMO-HA. 5. 4. 15, NEMO-HA. 5. 4. 14. NEMO-HA. 5. 4. 17, NEMO-HA. 5. 4. 18, NEMO-HA. 5. 4. 18, NEMO-HA. 5. 4. 18, NEMO-HA. 5. 4. 18, NEMO-HA. 5. 5. 4. NEMO-HA. 5. 5. 6,	This function is implementaion- dependent. *IPsec Protection of the payload packets tunneled between MR and HA



	RFC	RFC	T.	F 1G	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
No.	Section	Section title	Item	Functional Specification	Status	Rank		Supported	Test No.	ĺ
									NEMO HA. 6. 1. 3. NEMO HA. 6. 1.4. NEMO HA. 6. 4. 5. NEMO HA. 6. 4. 6. NEMO HA. 6. 4. 8. NEMO HA. 6. 6. 3. NEMO HA. 6. 6. 4. NEMO HA. 6. 6. 12. NEMO HA. 6. 6. 13. NEMO HA. 6. 6. 12. NEMO HA. 6. 6. 15. NEMO HA. 6. 6. 16. NEMO HA. 6. 6. 17. NEMO HA. 6. 6. 16. NEMO HA. 6. 6. 17. NEMO HA. 6. 18. NEMO HA. 6. 6. 17.	
									NEMO-HA. 9. 1. 17. NEMO-HA. 9. 1. 18. NEMO-HA. 9. 1. 21. NEMO-HA. 9. 1. 20. NEMO-HA. 9. 1. 21. NEMO-HA. 9. 1. 22. NEMO-HA. 9. 1. 23. NEMO-HA. 9. 1. 24. NEMO-HA. 9. 1. 25. NEMO-HA. 9. 1. 26. NEMO-HA. 9. 1. 27. NEMO-HA. 9. 1. 28. NEMO-HA. 9. 1. 29. NEMO-HA. 9. 1. 30. NEMO-HA. 9. 1. 21. NEMO-HA. 9. 1. 30. NEMO-HA. 9. 1. 31. NEMO-HA. 9. 1. 32.	
									NEMO-HA_9_2_15.NEMO-HA_9_2_16, NEMO-HA_9_2_17.NEMO-HA_9_2_218, NEMO-HA_9_2_2 19.NEMO-HA_9_2_20, NEMO-HA_9_2_21.NEMO-HA_9_2_22, NEMO-HA_9_2_23.NEMO-HA_9_2_24, NEMO-HA_9_2_25.NEMO-HA_9_2_28, NEMO-HA_9_2_27.NEMO-HA_9_2_28,	Virtual Home link, Nested mobility(Same HA and This function is implementaion- dependent. *IPsec Protection of the payload packets tunneled between MR and HA
									NEMO-HA, 5, 1, 1, NEMO-HA, 5, 1, 2, NEMO-HA, 5, 1, 3, NEMO-HA, 5, 2, 2, NEMO-HA, 5, 2, 2, NEMO-HA, 5, 2, 2, NEMO-HA, 5, 2, 4, NEMO-HA, 5, 3, 5, NEMO-HA, 5, 3, 6, NEMO-HA, 5, 3, 10, NEMO-HA, 5, 3, 10, NEMO-HA, 5, 3, 10, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 9, NEMO-HA, 5, 4, 9, NEMO-HA, 5, 4, 9, NEMO-HA, 5, 4, 9, NEMO-HA, 5, 4, 11, NEMO-HA, 5, 4, 11, NEMO-HA, 5, 4, 11, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 2, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 2, NEMO-HA, 5, NEMO-H	Real Home link and This function is implementaion- dependent. *IPsec Protection of the payload packets tunneled between MR and HA
									NEMO-HA_6_1_1, NEMO-HA_6_1_2, NEMO-HA_6_4_4, NEMO-HA_6_4_4, NEMO-HA_6_6_4, NEMO-HA_6_6_5, NEMO-HA_6_6_2, NEMO-HA_6_6_5, NEMO-HA_6_6_8, NEMO-HA_6_6_7, NEMO-HA_6_6_8, NEMO-HA_6_6_9, NEMO-HA_6_6_10, NEMO-HA_6_6_11,	
									NEMO-HA_9_1_1, NEMO-HA_9_1_2, NEMO-HA_9_1_3, NEMO-HA_9_1_4, NEMO-HA_9_1_5, NEMO-HA_9_1_8, NEMO-HA_9_1_7, NEMO-HA_9_1_10, NEMO-HA_9_1_7, NEMO-HA_9_1_10, NEMO-HA_9_1_11, NEMO-HA_9_1_14, NEMO-HA_9_1_13, NEMO-HA_9_1_14, NEMO-HA_9_1_15, NEMO-HA_9_1_16,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA, 9, 2, 1, NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 4, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 6, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 8, NEMO-HA, 9, 2, 9, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 9, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14,	Real Home link, Nested mobility(Same HA) and This function is implementaion- dependent. *IPsec Protection of the payload packets tunneled between MR and HA
10				If multicast group membership control protocols or stateful address autoconfiguration protocols are supported, payload data protection MUST be supported for those protocols.	MUST	A	A2			This function is implementaion-dependent. It does not effect on interoperability. *Multicast
11		Policy Requirements	The following requirements apply to both home agents and mobile nodes:	As required in the base specification [7], when a packet destined to the receiving node is matched against IPsec security policy or selectors of a security association, an address appearing in a Home Address destination option is considered as the source address of the packet. Note that the home address option appears before IPsec headers. Section 11.3.2 of the base specification describes one possible implementation approach for this: The IPsec policy operations can be performed at the time when the packet has not yet been modified per Mobile IPv6 rules, or has been brought back to its normal form after Mobile IPv6 processing. That is, the processing of the Home Address option is seen as a fixed transformation of the packets that does not affect IPsec processing.	(do)	A	A1/A2	X	NEMO-HA, 2, 1, 5, NEMO-HA, 2, 1, 7, NEMO-HA, 2, 1, 8, NEMO-HA, 2, 1, 8, NEMO-HA, 2, 2, 6, NEMO-HA, 2, 2, 8, NEMO-HA, 2, 2, 11, NEMO-HA, 2, 2, 12, NEMO-HA, 2, 2, 12, NEMO-HA, 2, 2, 12, NEMO-HA, 2, 2, 14, NEMO-HA, 2, 2, 14, NEMO-HA, 2, 5, 4, NEMO-HA, 2, 5, 4, NEMO-HA, 2, 6, 7, NEMO-HA, 2, 6, 10, NEMO-HA, 2, 6, 9, NEMO-HA, 2, 6, 10, NEMO-HA, 2, 6, 9, NEMO-HA, 2, 6, 11, NEMO-HA, 2, 7, NEMO-HA, 2, 7, 4, NEMO-HA, 2, 7, 7, NEMO-HA, 2, 7, 4, NEMO-HA, 2, 7, 7, NEMO-HA, 2, 7, 8, NEMO-HA, 2, 8, 7, NEMO-HA, 2, 8, 10, NEMO-HA, 2, 8, 7, NEMO-HA, 2, 8, 10, NEMO-HA, 2, 9, 11, NEMO-HA, 2, 9, 12, NEMO-HA, 2, 9, 11, NEMO-HA, 2, 9, 12, NEMO-HA, 2, 9, 13, NEMO-HA, 2, 9, 14, NEMO-HA, 2, 10, 10, NEMO-HA, 2, 10, 11, NEMO-HA, 2, 10, 11, NEMO-HA, 2, 11, 12, NEMO-HA, 2, 11, 11, NEMO-HA, 2, 11, 12, NEMO-HA, 2, 11, 11, NEMO-HA, 2, 11, 14, NEMO-HA, 3, 11, NEMO-HA, 3, 2, 12, NEMO-HA, 3, 14, 15, NEMO-HA, 3, 2, 12, NEMO-HA, 3, 2, 15, NEMO-HA, 5, 2, 8, NEMO-HA, 5, 3, 9, NEMO-HA, 5, 2, 8, NEMO-HA, 5, 3, 12, NEMO-HA, 5, 3, 12, NEMO-HA, 5, 3, 12, NEMO-HA, 5, 3, 12, NEMO-HA, 5, 3, 10, NEMO-HA, 5, 3, 1	Virtual Home link



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
1 10.	Section	Section title	пеш	Tunctional Specification	Status	Rank	Priority	Supported		
									NEMO-HA_5_4_3.NEMO-HA_5_4_4. NEMO-HA_5_4_12.NEMO-HA_5_4_13, NEMO-HA_5_4_14.NEMO-HA_5_4_15, NEMO-HA_5_4_16.NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_5_4.NEMO-HA_5_5_6,	
									NEMO-HA_6_1_3, NEMO-HA_6_1_4, NEMO-HA_6_4_5, NEMO-HA_6_4_6, NEMO-HA_6_4_7, NEMO-HA_6_4_6, NEMO-HA_6_5_5, S.NEMO-HA_6_5_6, NEMO-HA_6_5_7, NEMO-HA_6_6_13, NEMO-HA_6_6_12, NEMO-HA_6_6_13, NEMO-HA_6_6_12, NEMO-HA_6_6_15, NEMO-HA_6_6_16, NEMO-HA_6_6_17, NEMO-HA_6_6_18, NEMO-HA_6_6_17, NEMO-HA_6_6_18, NEMO-HA_6_7_4, NEMO-HA_6_7_2, NEMO-HA_6_7_4, NEMO-HA_6_7_7, NEMO-HA_6_7_8,	
									NEMO-HA_9_1_17,NEMO-HA_9_1_18, NEMO-HA_9_1_21,NEMO-HA_9_1_20, NEMO-HA_9_1_21,NEMO-HA_9_1_22, NEMO-HA_9_1_23,NEMO-HA_9_1_24, NEMO-HA_9_1_27,NEMO-HA_9_1_28, NEMO-HA_9_1_27,NEMO-HA_9_1_30, NEMO-HA_9_1_28,NEMO-HA_9_1_30, NEMO-HA_9_1_31,NEMO-HA_9_1_32,	
							A2	X	NEMO-HA_8_1_2,NEMO-HA_8_1_4, NEMO-HA_8_1_8,NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO-HA. 9. 2. 15. NEMO-HA. 9. 2. 16. NEMO-HA. 9. 2. 17. NEMO-HA. 9. 2. 18. NEMO-HA. 9. 2. 19. NEMO-HA. 9. 2. 20. NEMO-HA. 9. 2. 21. NEMO-HA. 9. 2. 22. NEMO-HA. 9. 2. 23. NEMO-HA. 9. 2. 24. NEMO-HA. 9. 2. 25. NEMO-HA. 9. 2. 26. NEMO-HA. 9. 2. 27. NEMO-HA. 9. 2. 28.	Virtual Home link, Nested mobility(Same HA)
									NEMO-HA_1_1_5.NEMO-HA_1_1_6, NEMO-HA_1_1_7, NEMO-HA_2_1_1.NEMO-HA_2_1_2, NEMO-HA_2_1_3.NEMO-HA_2_1_4, NEMO-HA_2_1_6.NEMO-HA_2_1_9, NEMO-HA_2_1_14.NEMO-HA_2_1_15,	Real Home link
									NEMO-HA_2_2_1. NEMO-HA_2_2_2. NEMO-HA_2_2_3. NEMO-HA_2_2_7. NEMO-HA_2_2_13. NEMO-HA_2_2_13. NEMO-HA_2_3_1. NEMO-HA_2_3_2. NEMO-HA_2_3_3. NEMO-HA_2_3_4. NEMO-HA_2_4_1. NEMO-HA_2_4_2. NEMO-HA_2_4_3. NEMO-HA_2_4_6. NEMO-HA_2_4_3. NEMO-HA_2_4_6.	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	Itelli	r unctional specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA, 2, 5, 1, NEMO-HA, 2, 5, 2, NEMO-HA, 2, 5, 5, NEMO-HA, 2, 5, 6, NEMO-HA, 2, 6, 1, NEMO-HA, 2, 6, 4, NEMO-HA, 2, 6, 5, NEMO-HA, 2, 6, 4, NEMO-HA, 2, 7, 1, NEMO-HA, 2, 7, 2, NEMO-HA, 2, 7, 1, NEMO-HA, 2, 7, 6, NEMO-HA, 2, 8, 1, NEMO-HA, 2, 8, 2, NEMO-HA, 2, 8, 3, NEMO-HA, 2, 8, 4, NEMO-HA, 2, 8, 3, NEMO-HA, 2, 8, 4, NEMO-HA, 2, 8, 3, NEMO-HA, 2, 8, 4, NEMO-HA, 2, 8, 5, NEMO-HA, 2, 8, 4, NEMO-HA, 2, 8, 5, NEMO-HA, 2, 8, 6,	
									NEMO-HA 2. 9. 1. NEMO-HA 2. 9. 2. NEMO-HA 2. 9. 3. NEMO-HA 2. 9. 4. NEMO-HA 2. 10. 1. NEMO-HA 2. 10. 2. NEMO-HA 2. 10. 1. NEMO-HA 2. 10. 4. NEMO-HA 2. 10. 3. NEMO-HA 2. 10. 6. NEMO-HA 2. 11. 1. NEMO-HA 2. 11. 4. NEMO-HA 2. 11. 3. NEMO-HA 2. 11. 4. NEMO-HA 2. 11. 5. NEMO-HA 2. 11. 4. NEMO-HA 2. 11. 5. NEMO-HA 2. 11. 5. NEMO-HA 2. 2. 11. 5. NEMO-HA 2. 2. 11. 5.	
									NEMO-HA_2_12_1.NEMO-HA_2_12_3. NEMO-HA_3_1_1.NEMO-HA_3_1_2. NEMO-HA_3_1_5.NEMO-HA_3_1_4. NEMO-HA_3_1_5.NEMO-HA_3_1_6. NEMO-HA_3_1_5.NEMO-HA_3_1_6. NEMO-HA_3_1_5.NEMO-HA_3_1_10. NEMO-HA_3_1_5.NEMO-HA_3_1_10. NEMO-HA_3_2_1.NEMO-HA_3_2_4. NEMO-HA_3_2_5.NEMO-HA_3_2_6. NEMO-HA_3_2_7.NEMO-HA_3_2_8.	
									NEMO-HA_3_3_1.NEMO-HA_3_3_2. NEMO-HA_3_3_3.NEMO-HA_3_3_4. NEMO-HA_3_3_5.NEMO-HA_3_3_8. NEMO-HA_3_3_7.NEMO-HA_3_3_8. NEMO-HA_3_4_1.NEMO-HA_3_4_2. NEMO-HA_3_4_1.NEMO-HA_3_4_4. NEMO-HA_3_4_5.NEMO-HA_3_4_6. NEMO-HA_3_4_7.NEMO-HA_3_4_8. NEMO-HA_3_4_7.NEMO-HA_3_4_1. NEMO-HA_3_4_1.NEMO-HA_3_4_11. NEMO-HA_3_4_1.NEMO-HA_3_4_11. NEMO-HA_3_4_11.NEMO-HA_3_4_12. NEMO-HA_3_4_13.NEMO-HA_3_4_14. NEMO-HA_3_4_13.NEMO-HA_3_4_14.	
									NEMO-HA 4.1.1.NEMO-HA 4.1.2, NEMO-HA 4.2.1.NEMO-HA 4.2.2, NEMO-HA 4.2.3.NEMO-HA 4.2.4, NEMO-HA 4.2.5.NEMO-HA 4.2.6, NEMO-HA 4.2.7.NEMO-HA 4.2.8, NEMO-HA 4.2.9.NEMO-HA 4.2.10, NEMO-HA 4.2.11.NEMO-HA 4.2.11, NEMO-HA 4.2.11.NEMO-HA 4.2.12, NEMO-HA 4.2.13.NEMO-HA 4.2.14, NEMO-HA 4.2.15.NEMO-HA 4.2.16,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
INU.	Section	Section title	Item	1 difctional Specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA. 4.3.1.NEMO HA. 4.3.2. NEMO-HA. 4.3.3.NEMO HA. 4.3.4. NEMO-HA. 4.3.5.NEMO HA. 4.3.6. NEMO-HA. 4.3.7.NEMO-HA. 4.3.8. NEMO-HA. 4.3.9.NEMO-HA. 4.3.10. NEMO-HA. 4.3.11.NEMO-HA. 4.3.11. NEMO-HA. 4.3.13.NEMO-HA. 4.3.14. NEMO-HA. 4.3.15.NEMO-HA. 4.3.14. NEMO-HA. 4.3.15.NEMO-HA. 4.3.16.	
									NEMO-HA_4_4_1.NEMO-HA_4_4_2_ NEMO-HA_4_4_3.NEMO-HA_4_4_4_ NEMO-HA_4_4_5.NEMO-HA_4_4_6, NEMO-HA_4_4_7.NEMO-HA_4_4_8, NEMO-HA_4_4_9.NEMO-HA_4_4_13, NEMO-HA_4_4_14.NEMO-HA_4_4_15,	
									NEMO-HA_5_1_1.NEMO-HA_5_1_2. NEMO-HA_5_1_3.NEMO-HA_5_1_4. NEMO-HA_5_2_1.NEMO-HA_5_2_2. NEMO-HA_5_2_2.NEMO-HA_5_2_4. NEMO-HA_5_2_3.NEMO-HA_5_2_4. NEMO-HA_5_3_3.NEMO-HA_5_3_4. NEMO-HA_5_3_3.S.NEMO-HA_5_3_4. NEMO-HA_5_3_4.NEMO-HA_5_4_2. NEMO-HA_5_4_1.NEMO-HA_5_4_6. NEMO-HA_5_4_7.NEMO-HA_5_4_6. NEMO-HA_5_4_7.NEMO-HA_5_4_6. NEMO-HA_5_4_7.NEMO-HA_5_4_10. NEMO-HA_5_4_9.NEMO-HA_5_4_10. NEMO-HA_5_4_9.NEMO-HA_5_5_10. NEMO-HA_5_4_1.NEMO-HA_5_5_10. NEMO-HA_5_5_1.NEMO-HA_5_5_3.	
									NEMO-HA_6_1_1.NEMO-HA_6_1_2. NEMO-HA_6_2_1.NEMO-HA_6_2_2. NEMO-HA_6_2_2.NEMO-HA_6_2_4. NEMO-HA_6_4_1.NEMO-HA_6_4_4. NEMO-HA_6_4_3.NEMO-HA_6_4_4. NEMO-HA_6_5_1.NEMO-HA_6_5_2. NEMO-HA_6_5_1.NEMO-HA_6_5_4.	
									NEMO-HA_6_6_1, NEMO-HA_6_6_2, NEMO-HA_6_6_5, NEMO-HA_6_6_6, NEMO-HA_6_6_7, NEMO-HA_6_6_10, NEMO-HA_6_6_10, NEMO-HA_6_6_10, NEMO-HA_6_6_11, NEMO-HA_6_7_1, NEMO-HA_6_7_3, NEMO-HA_6_7_5, NEMO-HA_6_7_6,	
									NEMO-HA_9_1_1.NEMO-HA_9_1_2. NEMO-HA_9_1_3.NEMO-HA_9_1_4. NEMO-HA_9_1_5.NEMO-HA_9_1_6. NEMO-HA_9_1_7.NEMO-HA_9_1_8. NEMO-HA_9_1_1.7.NEMO-HA_9_1_10. NEMO-HA_9_1_1.11.NEMO-HA_9_1_12. NEMO-HA_9_1_13.NEMO-HA_9_1_14. NEMO-HA_9_1_15.NEMO-HA_9_1_16.	
									NEMO-HA_8_1_1,NEMO-HA_8_1_3, NEMO-HA_8_1_7,NEMO-HA_8_1_15,	Real Home link, MPS/MPA



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported		
									NEMO-HA. 9. 2. 1. NEMO-HA. 9. 2. 2. NEMO-HA. 9. 2. 3. NEMO-HA. 9. 2. 3. NEMO-HA. 9. 2. 4. NEMO-HA. 9. 2. 5. NEMO-HA. 9. 2. 6. NEMO-HA. 9. 2. 7. NEMO-HA. 9. 2. 8. NEMO-HA. 9. 2. 9. NEMO-HA. 9. 2. 10. NEMO-HA. 9. 2. 11. NEMO-HA. 9. 2. 11. NEMO-HA. 9. 2. 11. NEMO-HA. 9. 2. 12. NEMO-HA. 9. 2. 13. NEMO-HA. 9. 2. 14.	Real Home link, Nested mobility(Same HA)
12				Similarly, a home address within a Type 2 Routing header destined to the receiving node is considered as the destination address of the packet, when a packet is matched against IPsec security policy or selectors of a security association. Similar implementation considers apply to the Routing header processing as was described above for the Home Address destination option.	(do)	A	A1/A2	X	NEMO-HA_2_1_5, NEMO-HA_2_1_7, NEMO-HA_2_1_8, NEMO-HA_2_2_5, NEMO-HA_2_2_1, NEMO-HA_2_2_5, NEMO-HA_2_2_1, NEMO-HA_2_2_12, NEMO-HA_2_2_14, NEMO-HA_2_5_3, NEMO-HA_2_5_4, NEMO-HA_2_5_5_3, NEMO-HA_2_5_6, NEMO-HA_2_6_7, NEMO-HA_2_6_8, NEMO-HA_2_6_7, NEMO-HA_2_6_10, NEMO-HA_2_6_11, NEMO-HA_2_6_12,	Virtual Home link
									NEMO-HA 2 _ 7,7.NEMO-HA 2 _ 7,8. NEMO-HA 2 _ 8,7.NEMO-HA 2 _ 8,8. NEMO-HA 2 _ 8,9.NEMO-HA 2 _ 8,10. NEMO-HA 2 _ 8,9.NEMO-HA 2 _ 8,12. NEMO-HA 2 _ 9,11.NEMO-HA 2 _ 9,12. NEMO-HA 2 _ 9,11.NEMO-HA 2 _ 9,14. NEMO-HA 2 _ 9,13.NEMO-HA 2 _ 9,14. NEMO-HA 2 _ 9,15.NEMO-HA 2 _ 10,8. NEMO-HA 2 _ 10,7.NEMO-HA 2 _ 10,10. NEMO-HA 2 _ 10,11.NEMO-HA 2 _ 10,12. NEMO-HA 2 _ 10,11.NEMO-HA 2 _ 10,12. NEMO-HA 2 _ 11,11.NEMO-HA 2 _ 11,14. NEMO-HA 2 _ 11,15. NEMO-HA 2 _ 11,15.	
									NEMO-HA_3_1_11,NEMO-HA_3_1_12, NEMO-HA_3_2_11,NEMO-HA_3_2_12, NEMO-HA_3_4_16,NEMO-HA_3_4_17, NEMO-HA_3_4_18,NEMO-HA_3_4_19, NEMO-HA_3_4_20,	
									NEMO-HA_5_1_5.NEMO-HA_5_1_6, NEMO-HA_5_2_5.NEMO-HA_5_2_6, NEMO-HA_5_2_7.NEMO-HA_5_2_8, NEMO-HA_5_2_7.NEMO-HA_5_2_8, NEMO-HA_5_3_9.NEMO-HA_5_3_10, NEMO-HA_5_3_12,	
									NEMO-HA_5_4_3, NEMO-HA_5_4_4, NEMO-HA_5_4_12, NEMO-HA_5_4_13, NEMO-HA_5_4_16, NEMO-HA_5_4_15, NEMO-HA_5_4_16, NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_4_18,	



NI	RFC	RFC	Thomas	Emptional Consideration	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA, 6, 1, 3, NEMO-HA, 6, 1, 4, NEMO-HA, 6, 4, 6, NEMO-HA, 6, 4, 7, NEMO-HA, 6, 4, 6, NEMO-HA, 6, 5, 5, NEMO-HA, 6, 5, 6, NEMO-HA, 6, 5, 7, NEMO-HA, 6, 5, 8, NEMO-HA, 6, 6, 3, NEMO-HA, 6, 6, 12, NEMO-HA, 6, 6, 13, NEMO-HA, 6, 6, 12, NEMO-HA, 6, 6, 15, NEMO-HA, 6, 6, 14, NEMO-HA, 6, 6, 17, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 7, 2, NEMO-HA, 6, 7, 2, NEMO-HA, 6, 7, 2, NEMO-HA, 6, 7, 8, NEMO-HA, 6, 7, 7, NEMO-HA, 6, 7, 8, N	
									NEMO-HA_9_1_17.NEMO-HA_9_1_18, NEMO-HA_9_1_2 1.9 NEMO-HA_9_1_20, NEMO-HA_9_1_21.NEMO-HA_9_1_22, NEMO-HA_9_1_23.NEMO-HA_9_1_24, NEMO-HA_9_1_25.NEMO-HA_9_1_26, NEMO-HA_9_1_27.NEMO-HA_9_1_28, NEMO-HA_9_1_28.NEMO-HA_9_1_30, NEMO-HA_9_1_31.NEMO-HA_9_1_30,	
							A2	X	NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 20, 2, 19, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 25, NEMO-HA, 9, 2, 26, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 28	Virtual Home link, Nested mobility(Same HA
									NEMO-HA_1_1_5, NEMO-HA_1_1_6, NEMO-HA_1_1_7, NEMO-HA_2_1_1, NEMO-HA_2_1_2, NEMO-HA_2_1_3, NEMO-HA_2_1_4, NEMO-HA_2_1_6, NEMO-HA_2_1_9, NEMO-HA_2_1_14, NEMO-HA_2_1_15,	Real Home link
									NEMO-HA, 2, 2, 1, NEMO-HA, 2, 2, 2, NEMO-HA, 2, 2, 10, NEMO-HA, 2, 2, 110, NEMO-HA, 2, 2, 12, NEMO-HA, 2, 3, 2, NEMO-HA, 2, 3, 3, 1, NEMO-HA, 2, 3, 4, NEMO-HA, 2, 4, 4, NEMO-HA, 2, 4, 4, NEMO-HA, 2, 4, 3, NEMO-HA, 2, 4, 2, NEMO-HA, 2, 4, 3, NEMO-HA, 2, 4, NEMO-HA, 2, 4, 3, NEMO-HA, 2, 4, 4, NEMO-HA, 2, 4, 5, NEMO-HA, 2, 4, 6, NEMO-HA, 2, 4, 5, NEMO-HA, 2, 4, 6, NEMO-HA, 2, 4, 8, NEMO-HA, 2, 4, 6, NEMO-HA, 2, 4, 8, NEMO-HA, 2, 4, 6, NEMO-HA, 2, 4, 8, NEMO-HA, 2, 4, 6, NEMO-HA, 2, 4, 8, NEMO-HA,	
									NEMO-HA_2_5_1, NEMO-HA_2_5_2, NEMO-HA_2_5_5, NEMO-HA_2_5_6, NEMO-HA_2_6_1, NEMO-HA_2_6_2, NEMO-HA_2_6_3, NEMO-HA_2_6_6, NEMO-HA_2_6_5, SNEMO-HA_2_6_6, NEMO-HA_2_7_1, NEMO-HA_2_7_6, NEMO-HA_2_7_5, NEMO-HA_2_7_6, NEMO-HA_2_8_1, NEMO-HA_2_8_2, NEMO-HA_2_8_3, NEMO-HA_2_8_4, NEMO-HA_2_8_3, NEMO-HA_2_8_6,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
NU.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	·
									NEMO-HA_2_9_1,NEMO-HA_2_9_2, NEMO-HA_2_9_3,NEMO-HA_2_9_4, NEMO-HA_2_9_5, NEMO-HA_2_10_1,NEMO-HA_2_10_2,	
									NEMO-HA_2_10_1,NEMO-HA_2_10_2, NEMO-HA_2_10_3,NEMO-HA_2_10_4, NEMO-HA_2_10_5,NEMO-HA_2_10_6,	
									NEMO-HA_2_11_1,NEMO-HA_2_11_4, NEMO-HA_2_11_5,	
									NEMO-HA_2_11_7,NEMO-HA_2_11_8, NEMO-HA_2_11_9, NEMO-HA_2_12_1,NEMO-HA_2_12_3,	
									NEWO HARRIST AND HARRIST	
									NEMO-HA_3_1_1,NEMO-HA_3_1_2, NEMO-HA_3_1_3,NEMO-HA_3_1_4, NEMO-HA_3_1_5,NEMO-HA_3_1_6,	
									NEMO-HA_3_1_7,NEMO-HA_3_1_8, NEMO-HA_3_1_9,NEMO-HA_3_1_10, NEMO-HA_3_2_1,NEMO-HA_3_2_2,	
									NEMO-HA_3_2_3,NEMO-HA_3_2_4, NEMO-HA_3_2_5,NEMO-HA_3_2_6, NEMO-HA_3_2_7,NEMO-HA_3_2_8, NEMO-HA_3_2_9,NEMO-HA_3_2_10,	
									NEMO-HA_3_3_1, NEMO-HA_3_3_2, NEMO-HA_3_3_3, NEMO-HA_3_3_4, NEMO-HA_3_3_5, NEMO-HA_3_3_6,	
									NEMO-HA_3_3_7, NEMO-HA_3_3_8, NEMO-HA_3_4_1, NEMO-HA_3_4_2, NEMO-HA_3_4_3, NEMO-HA_3_4_4, NEMO-HA_3_4_5, NEMO-HA_3_4_6,	
									NEMO-HA_3_4_7,NEMO-HA_3_4_8, NEMO-HA_3_4_9,NEMO-HA_3_4_10, NEMO-HA_3_4_11,NEMO-HA_3_4_12, NEMO-HA_3_4_13,NEMO-HA_3_4_14,	
									NEMO-HA_3_4_15,	
									NEMO-HA_4_1_1,NEMO-HA_4_1_2, NEMO-HA_4_1_3,	
									NEMO-HA_4_2_1, NEMO-HA_4_2_2, NEMO-HA_4_2_3, NEMO-HA_4_2_4, NEMO-HA_4_2_5, NEMO-HA_4_2_6, NEMO-HA_4_2_7, NEMO-HA_4_2_8,	
									NEMO-HA_4_2_9,NEMO-HA_4_2_10, NEMO-HA_4_2_11,NEMO-HA_4_2_12, NEMO-HA_4_2_13,NEMO-HA_4_2_14, NEMO-HA_4_2_15,NEMO-HA_4_2_16,	
									NEMO-HA_4_3_1,NEMO-HA_4_3_2, NEMO-HA_4_3_3,NEMO-HA_4_3_4, NEMO-HA_4_3_5,NEMO-HA_4_3_6, NEMO-HA_4_3_7,NEMO-HA_4_3_8,	
									NEMO-HA_4_3_9, NEMO-HA_4_3_10, NEMO-HA_4_3_11, NEMO-HA_4_3_12, NEMO-HA_4_3_13, NEMO-HA_4_3_14, NEMO-HA_4_3_15, NEMO-HA_4_3_16,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
INO.	Section	Section title	пеш	r difetional Specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA_4_4_1, NEMO-HA_4_4_2, NEMO-HA_4_4_3, NEMO-HA_4_4_4, NEMO-HA_4_4_5, NEMO-HA_4_4_8, NEMO-HA_4_4_7, NEMO-HA_4_4_8, NEMO-HA_4_4_9, NEMO-HA_4_4_13, NEMO-HA_4_4_14, NEMO-HA_4_4_15,	
									NEMO-HA, 5, 1, 1, NEMO-HA, 5, 1, 2, NEMO-HA, 5, 1, 4, NEMO-HA, 5, 2, 1, NEMO-HA, 5, 2, 2, NEMO-HA, 5, 2, 2, NEMO-HA, 5, 2, 3, NEMO-HA, 5, 2, 4, NEMO-HA, 5, 3, 1, NEMO-HA, 5, 3, 4, NEMO-HA, 5, 3, 5, NEMO-HA, 5, 3, 4, NEMO-HA, 5, 3, 8, NEMO-HA, 5, 3, 8, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 7, NEMO-HA, 5, 4, 8, NEMO-HA, 5, 4, 7, NEMO-HA, 5, 4, 10, NEMO-HA, 5, 4, 11, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 3, NEMO-H	
									NEMO-HA_6_1_1.NEMO-HA_6_1_2. NEMO-HA_6_2_1.NEMO-HA_6_2_2. NEMO-HA_6_2_3.NEMO-HA_6_2_4. NEMO-HA_6_4_1.NEMO-HA_6_4_2. NEMO-HA_6_4_3.NEMO-HA_6_4_4. NEMO-HA_6_5_1.NEMO-HA_6_5_2. NEMO-HA_6_5_3.NEMO-HA_6_5_4.	
									NEMO-HA, 6, 6, 1. NEMO-HA, 6, 6, 2, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, 6, NEMO-HA, 6, 6, 6, NEMO-HA, 6, 6, 10, NEMO-HA, 6, 6, 10, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 7, 1, NEMO-HA, 6, 7, 1, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 6, NEMO-HA, 6, 7, 5, NEMO-HA, 6, 7, 6, NEMO-HA, 6, 7, 8, NEMO-HA,	
									NEMO-HA, 9, 1, 1, NEMO-HA, 9, 1, 2, NEMO-HA, 9, 1, 4, NEMO-HA, 9, 1, 5, NEMO-HA, 9, 1, 6, NEMO-HA, 9, 1, 7, NEMO-HA, 9, 1, 10, NEMO-HA, 9, 1, 10, NEMO-HA, 9, 1, 11, NEMO-HA, 9, 1, 12, NEMO-HA, 9, 1, 11, NEMO-HA, 9, 1, 12, NEMO-HA, 9, 1, 13, NEMO-HA, 9, 1, 14, NEMO-HA, 9, 1, 15, NEMO-HA, 9, 1, 16, NEMO-HA, 9, NEMO-HA	
									NEMO-HA_8_1_15,	Real Home link, MPS/MPA
									NEMO-HA, 9, 2, 1, NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 4, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 8, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14, NE	Real Home link, Nested mobility(Same HA)



No	RFC	RFC	Item	Eurotional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Ů
14				When IPsec is used to protect return routability signaling or payload packets, this protection MUST only be applied to the return routability packets entering the IPv6 encapsulated tunnel interface between the mobile node and the home agent. This can be achieved, for instance, by defining the security policy database entries specifically for the tunnel interface. That is, the policy entries are not generally applied on all traffic on the physical interface(s) of the nodes, but rather only on traffic that enters this tunnel.	MUST	A	A2			This function is not defined in RFC3963. *Return routability
						В	В		NEMO-HA_5_1_5, NEMO-HA_5_1_6, NEMO-HA_5_1_7, NEMO-HA_5_2_5, NEMO-HA_5_2_6, NEMO-HA_5_2_8, NEMO-HA_5_2_8, NEMO-HA_5_2_8, NEMO-HA_5_4_4, NEMO-HA_5_4_12, NEMO-HA_5_4_13, NEMO-HA_5_4_12, NEMO-HA_5_4_15, NEMO-HA_5_4_12, NEMO-HA_5_4_17, NEMO-HA_5_4_16, NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_4_17, NEMO-HA_5_5_4, NEMO-HA_5_5_6, NEMO-HA_6_1_3, NEMO-HA_6_1_4, NEMO-HA_6_6_1, NEMO-HA_6_6_1, NEMO-HA_6_6_1, NEMO-HA_6_6_1, NEMO-HA_6_6_1, NEMO-HA_6_6_1, NEMO-HA_6_6_1, NEMO-HA_6_6_17, NEMO-HA_6_1, NEMO-HA_6_6_17, NEMO-HA_6_1, NEMO-HA_6_6_17, NEMO-HA_6_1, NEMO	This function is implementaion-dependent. *IPsec Protection of the payload packets tunneled between MR and HA
									NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 22, NEMO-HA, 9, 2, 22, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 25, NEMO-HA, 9, 2, 26, NEMO-HA, 9, NEMO-HA, 9	Virtual Home link, Nested mobility(Same HA) and This function is implementaion- dependent. *IPsec Protection of the payload packets tunneled between MR and HA



NI.	RFC	RFC	Item	Emptional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
No.	Section	Section title	item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Ť
									NEMO-HA. 5.1.1.NEMO-HA. 5.1.2. NEMO-HA. 5.1.3.NEMO-HA. 5.1.4. NEMO-HA. 5.2.1.NEMO-HA. 5.2.2. NEMO-HA. 5.2.4. NEMO-HA. 5.3.5.NEMO-HA. 5.3.6. NEMO-HA. 5.3.8.NEMO-HA. 5.3.9. NEMO-HA. 5.3.10.NEMO-HA. 5.3.12. NEMO-HA. 5.3.10.NEMO-HA. 5.3.12. NEMO-HA. 5.4.1.NEMO-HA. 5.4.2. NEMO-HA. 5.4.5.NEMO-HA. 5.4.8. NEMO-HA. 5.4.9.NEMO-HA. 5.4.8. NEMO-HA. 5.4.9.NEMO-HA. 5.4.10. NEMO-HA. 5.4.9.NEMO-HA. 5.5.3.	Real Home link and This function is implementaion- dependent. *IPsec Protection of the payload packets tunneled between MR and HA
									NEMO-HA, 6, 1, 1, NEMO-HA, 6, 1, 2, NEMO-HA, 6, 4, 1, NEMO-HA, 6, 4, 2, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 6, 6, NEMO-HA, 6, 6, 5, NEMO-HA, 6, 6, 8, NEMO-HA, 6, 6, 7, NEMO-HA, 6, 6, 8, NEMO-HA, 6, 6, 9, NEMO-HA, 6, 6, 9, NEMO-HA, 6, 6, 9, NEMO-HA, 6, 6, 10, NEMO-HA, 6, 6, 11, NEMO-HA, 6, 6, 11,	
									NEMO-HA. 9. 1. 1. NEMO-HA. 9. 1. 2. NEMO-HA. 9. 1. 3. NEMO-HA. 9. 1. 4. NEMO-HA. 9. 1. 5. NEMO-HA. 9. 1. 6. NEMO-HA. 9. 1. 7. NEMO-HA. 9. 1. 6. NEMO-HA. 9. 1. 9. NEMO-HA. 9. 1. 10. NEMO-HA. 9. 1. 11. NEMO-HA. 9. 1. 12. NEMO-HA. 9. 1. 13. NEMO-HA. 9. 1. 14. NEMO-HA. 9. 1. 15. NEMO-HA. 9. 1. 14. NEMO-HA. 9. 1. 15. NEMO-HA. 9. 1. 16.	
									NEMO-HA_9_2_1, NEMO-HA_9_2_2, NEMO-HA_9_2_3, NEMO-HA_9_2_4, NEMO-HA_9_2_5, S.NEMO-HA_9_2_6, NEMO-HA_9_2_7, NEMO-HA_9_2_18, NEMO-HA_9_2_9, NEMO-HA_9_2_10, NEMO-HA_9_2_11, NEMO-HA_9_2_12, NEMO-HA_9_2_13, NEMO-HA_9_2_14,	Real Home link, Nested mobility(Same HA) and This function is implementaion- dependent. *IPsec Protection of the payload packets tunneled between MR and HA
15				The authentication of mobile nodes MAY be based either on machine or user credentials. Note that multi-user operating systems typically allow all users of a node to use any of the IP addresses assigned to the node. This limits the capability of the home agent to restrict the use of a home address to a particular user in such environment. Where user credentials are applied in a multi-user environment, the configuration should authorize all users of the node to control all home addresses assigned to the node.	MAY	В	В			This function is implementaion-dependent. It does not effect on interoperability.



	RFC	DEC		1	DEC	E	T	ı	T PROPILE	D CTECT D
No.	Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank	Test Priority	Supported	Test PROFILE Test No.	Reason of TEST Priority
16	Section	Section title		When the medile and automa house	MUST	A	A2	Supported	Test No.	Real Home link
10				When the mobile node returns home and de-registers with the Home Agent,	MUSI	A	AZ			Real Home link
				the tunnel between the home agent and						
				the mobile node's care-of address is torn						
				down. The security policy entries,						
				which were used for protecting						
				tunneled traffic between the mobile						
				node and the home agent MUST be						
				made inactive (for instance, by						
				removing them and installing them back later through an API). The						
				corresponding security associations						
				could be kept as they are or deleted						
				depending on how they were created. If						
				the security associations were created						
				dynamically using IKE, they are						
				automatically deleted when they expire.						
				If the security associations were created						
				through manual configuration, they						
				MUST be retained and used later when						
				the mobile node moves aways from						
				home again. The security associations						
				protecting Binding Updates and						
				Acknowledgements, and prefix						
				discovery SHOULD NOT be deleted as						
				they do not depend on care-of addresses						
				and can be used again.						
				and can be used again.						
17					MUST	A	A2			Real Home link
18					SHOULD	A	A2			Real Home link
10					NOT	A	AL			Real Home mik
					NOI					
1	1									
1										
1										
1										
1	1									
1	1									
1										
1										
1										



RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
Section	Section title	Item	1 unctional Specification	Status	Rank	Priority	Supported	Test No.	
		Item The following rules apply to home agents:	Functional Specification The home agent MUST use the Type 2 Routing header in Binding Acknowledgements and Mobile Prefix Advertisements sent to the mobile node, again due to the need to have the home address visible when the policy checks are made.				X		Reason of TEST Priority Virtual Home link



No	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported		
									NEMO-HA. 9. 1. 17. NEMO-HA. 9. 1. 18. NEMO-HA. 9. 1. 20. NEMO-HA. 9. 1. 21. NEMO-HA. 9. 1. 22. NEMO-HA. 9. 1. 23. NEMO-HA. 9. 1. 24. NEMO-HA. 9. 1. 23. NEMO-HA. 9. 1. 26. NEMO-HA. 9. 1. 27. NEMO-HA. 9. 1. 28. NEMO-HA. 9. 1. 27. NEMO-HA. 9. 1. 30. NEMO-HA. 9. 1. 31. NEMO-HA. 9. 1. 30. NEMO-HA. 9. 1. 31. NEMO-HA. 9. 1. 32.	
							A2	X	NEMO-HA_8_1_2,NEMO-HA_8_1_8, NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO-HA. 9. 2. 15. NEMO-HA. 9. 2. 16. NEMO-HA. 9. 2. 17. NEMO-HA. 9. 2. 18. NEMO-HA. 9. 2. 19. NEMO-HA. 9. 2. 20. NEMO-HA. 9. 2. 21. NEMO-HA. 9. 2. 22. NEMO-HA. 9. 2. 23. NEMO-HA. 9. 2. 24. NEMO-HA. 9. 2. 25. NEMO-HA. 9. 2. 26. NEMO-HA. 9. 2. 27. NEMO-HA. 9. 2. 28.	Virtual Home link, Nested mobility(Same HA)
									NEMO-HA_1_1_5. NEMO-HA_1_1_6, NEMO-HA_1_1_7, NEMO-HA_2_1_1. NEMO-HA_2_1_2, NEMO-HA_2_1_3. NEMO-HA_2_1_4, NEMO-HA_2_1_6. NEMO-HA_2_1_9, NEMO-HA_2_1_14. NEMO-HA_2_1_15,	Real Home link
									NEMO-HA_2_2_1, NEMO-HA_2_2_2, NEMO-HA_2_2_9, NEMO-HA_2_2_10, NEMO-HA_2_2_13, NEMO-HA_2_3_1, NEMO-HA_2_3_2, NEMO-HA_2_3_3, NEMO-HA_2_3_4, NEMO-HA_2_4_1, NEMO-HA_2_4_2, NEMO-HA_2_4_4, NEMO-HA_2_4_4, NEMO-HA_2_4_5, NEMO-HA_2_4_6,	
									NEMO-HA 2, 5, 1, NEMO-HA 2, 5, 2, NEMO-HA 2, 5, 6, NEMO-HA 2, 5, 6, NEMO-HA 2, 5, 6, NEMO-HA 2, 6, 1, NEMO-HA 2, 6, 1, NEMO-HA 2, 6, 1, NEMO-HA 2, 6, 5, NEMO-HA 2, 6, 6, NEMO-HA 2, 1, 1, NEMO-HA 2, 7, 1, NEMO-HA 2, 7, 6, NEMO-HA 2, 7, 5, NEMO-HA 2, 8, 1, NEMO-HA 2, 8, 4, NEMO-HA 2, 8, 3, NEMO-HA 2, 8, 4, NEMO-HA 2, 8, 5, NEMO-HA 2, 8, 6, NEMO-H	
									NEMO-HA_2_9_1, NEMO-HA_2_9_2, NEMO-HA_2_9_3, NEMO-HA_2_9_4, NEMO-HA_2_9_5, NEMO-HA_2_10_1, NEMO-HA_2_10_2, NEMO-HA_2_10_5, NEMO-HA_2_10_6, NEMO-HA_2_10_5, NEMO-HA_2_10_6, NEMO-HA_2_11_5, NEMO-HA_2_11_4, NEMO-HA_2_11_5, NEMO-HA_2_11_8, NEMO-HA_2_11_7, NEMO-HA_2_11_8, NEMO-HA_2_11_9, NEMO-HA_2_12_3,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
vO.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	
							J		NEMO-HA_3_1_1.NEMO-HA_3_1_2, NEMO-HA_3_1_3.NEMO-HA_3_1_4, NEMO-HA_3_1_5.NEMO-HA_3_1_6, NEMO-HA_3_1_5.NEMO-HA_3_1_6, NEMO-HA_3_1_7.NEMO-HA_3_1_10, NEMO-HA_3_1_9.NEMO-HA_3_1_10, NEMO-HA_3_2_1.NEMO-HA_3_2_2, NEMO-HA_3_2_3.NEMO-HA_3_2_4, NEMO-HA_3_2_5.NEMO-HA_3_2_6, NEMO-HA_3_2_7.NEMO-HA_3_2_8, NEMO-HA_3_2_9.NEMO-HA_3_2_8, NEMO-HA_3_2_9.NEMO-HA_3_2_10,	
									NEMO-HA, 3, 3, 1, NEMO-HA, 3, 3, 2, NEMO-HA, 3, 3, 4, NEMO-HA, 3, 3, 4, NEMO-HA, 3, 3, 6, NEMO-HA, 3, 3, 5, NEMO-HA, 3, 3, 8, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 4, NEMO-HA, 3, 4, 5, NEMO-HA, 3, 4, 5, NEMO-HA, 3, 4, 5, NEMO-HA, 3, 4, 8, NEMO-HA, 3, 4, 9, NEMO-HA, 3, 4, 10, NEMO-HA, 3, 4, 10, NEMO-HA, 3, 4, 11, NEMO-HA, 3, 4, 11, NEMO-HA, 3, 4, 12, NEMO-HA, 3, 4, 13, NEMO-HA, 3, 4, 11, NEMO-HA,	
									NEMO-HA_4_1_1.NEMO-HA_4_1_2, NEMO-HA_4_1_3. NEMO-HA_4_2_1.NEMO-HA_4_2_2, NEMO-HA_4_2_3.NEMO-HA_4_2_6, NEMO-HA_4_2_5.NEMO-HA_4_2_6, NEMO-HA_4_2_7.NEMO-HA_4_2_10, NEMO-HA_4_2_1.NEMO-HA_4_2_12, NEMO-HA_4_2_1.NEMO-HA_4_2_12, NEMO-HA_4_2_1.NEMO-HA_4_2_16, NEMO-HA_4_2_13.NEMO-HA_4_2_16, NEMO-HA_4_2_15.NEMO-HA_4_2_16,	
									NEMO-HA, 4, 3, 1, NEMO-HA, 4, 3, 2, NEMO-HA, 4, 3, 3, NEMO-HA, 4, 3, 6, NEMO-HA, 4, 3, 7, NEMO-HA, 4, 3, 6, NEMO-HA, 4, 3, 7, NEMO-HA, 4, 3, 8, NEMO-HA, 4, 3, 9, NEMO-HA, 4, 3, 12, NEMO-HA, 4, 3, 13, NEMO-HA, 4, 3, 14, NEMO-HA, 4, 3, 13, NEMO-HA, 4, 3, 14, NEMO-HA, 4, 3, 15, NEMO-HA, 4, 3, 16,	
									NEMO-HA_4_4_1.NEMO-HA_4_4_2. NEMO-HA_4_4_3.NEMO-HA_4_4_4. NEMO-HA_4_4_5.NEMO-HA_4_4_6. NEMO-HA_4_4_7.NEMO-HA_4_4_8. NEMO-HA_4_4_9.NEMO-HA_4_4_13. NEMO-HA_4_4_14.NEMO-HA_4_4_15.	



NI.	RFC	RFC	Thomas	Functional Consideration	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
No.	Section	Section title	Item	Functional Specification	Status	Rank		Supported	Test No.	
									NEMO-HA, 5, 1, 1, NEMO-HA, 5, 1, 2, NEMO-HA, 5, 1, 3, NEMO-HA, 5, 2, 2, NEMO-HA, 5, 2, 2, NEMO-HA, 5, 2, 2, NEMO-HA, 5, 3, 1, NEMO-HA, 5, 3, 1, NEMO-HA, 5, 3, 3, NEMO-HA, 5, 3, 6, NEMO-HA, 5, 3, 6, NEMO-HA, 5, 3, 6, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 2, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 5, NEMO-HA, 5, 4, 7, NEMO-HA, 5, 4, 9, NEMO-HA, 5, 4, 9, NEMO-HA, 5, 4, 9, NEMO-HA, 5, 4, 11, NEMO-HA, 5, 4, 11, NEMO-HA, 5, 4, 11, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 3, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 3, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 3, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 3, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 3, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 3, 1, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 3, 1, NEMO-HA,	
									NEMO-HA, 6, 1, 1, NEMO-HA, 6, 1, 2, NEMO-HA, 6, 2, 1, NEMO-HA, 6, 2, 2, NEMO-HA, 6, 2, 4, NEMO-HA, 6, 1, 1, NEMO-HA, 6, 4, 2, NEMO-HA, 6, 4, 3, NEMO-HA, 6, 4, 4, NEMO-HA, 6, 5, 1, NEMO-HA, 6, 5, 2, NEMO-HA, 6, 5, 3, NEMO-HA, 6, 5, 4,	
									NEMO-HA_6_6_1, NEMO-HA_6_6_2, NEMO-HA_6_6_5, NEMO-HA_6_6_6, NEMO-HA_6_6_7, NEMO-HA_6_6_8, NEMO-HA_6_6_9, NEMO-HA_6_6_10, NEMO-HA_6_6_11, NEMO-HA_6_7_1, NEMO-HA_6_7_3, NEMO-HA_6_7_5, NEMO-HA_6_7_6,	
									NEMO-HA_9_1_1, NEMO-HA_9_1_2, NEMO-HA_9_1_3, NEMO-HA_9_1_4, NEMO-HA_9_1_5, NEMO-HA_9_1_6, NEMO-HA_9_1_7, 7, NEMO-HA_9_1_8, NEMO-HA_9_1_19, NEMO-HA_9_1_10, NEMO-HA_9_1_11, NEMO-HA_9_1_12, NEMO-HA_9_1_13, NEMO-HA_9_1_14, NEMO-HA_9_1_15, NEMO-HA_9_1_16,	
									NEMO-HA_8_1_1.NEMO-HA_8_1_7, NEMO-HA_8_1_15, NEMO-HA_9_2_1.NEMO-HA_9_2_2, NEMO-HA_9_2_3.NEMO-HA_9_2_4,	Real Home link, MPS/MPA Real Home link, Nested mobility(Same HA)
									NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 6, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 8, NEMO-HA, 9, 2, 9, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14,	rvested mobility(Same 114)
20				It is necessary to avoid the possibility that a mobile node could use its security association to send a Binding Update on behalf of another mobile node using the same home agent. In order to do this, the security policy database entries MUST unequivocally identify a single security association for any given home address and home agent when manual keying is used. When dynamic keying	MUST	A	A1	X	NEMO-HA. 2. 1. 5. NEMO-HA. 2. 1. 7. NEMO-HA. 2. 1. 8. NEMO-HA. 2. 2. 4. NEMO-HA. 2. 2. 5. NEMO-HA. 2. 2. 6. NEMO-HA. 2. 2. 8. NEMO-HA. 2. 2. 11. NEMO-HA. 2. 2. 12. NEMO-HA. 2. 2. 14. NEMO-HA. 2. 5. 3. NEMO-HA. 2. 5. 4. NEMO-HA. 2. 5. 7. NEMO-HA. 2. 5. 8. NEMO-HA. 2. 6. 7. NEMO-HA. 2. 6. 8. NEMO-HA. 2. 6. 7. NEMO-HA. 2. 6. 10. NEMO-HA. 2. 6. 9. NEMO-HA. 2. 6. 10. NEMO-HA. 2. 6. 11. NEMO-HA. 2. 6. 12.	Virtual Home link



DI	DEC	DEC			DEC	Emptional	Took		Test DDOELLE	Decement TEST Describes
INO.			Item	Functional Specification				Supported		Reason of TEST Priority
INO.	RFC ction	RFC Section title	Item	Functional Specification is used, the security policy database entries MUST unequivocally identify the IKE phase 1 credentials which can be used to authorize the creation of security associations for a particular home address. How these mappings are maintained is outside the scope of this specification, but they may be maintained, for instance, as a locally administered table in the home agent. If the phase 1 identity is a FQDN, secure forms of DNS may also be used.	RFC Status	Functional Rank	Test Priority	Supported	Test PROFILE Test No. NEMO-HA 2.7 3.NEMO-HA 2.7 4. NEMO-HA 2.7 7.NEMO-HA 2.7 4. NEMO-HA 2.8 7.NEMO-HA 2.8 10. NEMO-HA 2.8 8. NEMO-HA 2.8 1.0. NEMO-HA 2.8 8. NEMO-HA 2.8 1.1. NEMO-HA 2.8 11.NEMO-HA 2.8 1.12. NEMO-HA 2.9 13.NEMO-HA 2.9 12. NEMO-HA 2.9 13.NEMO-HA 2.9 14. NEMO-HA 2.9 13.NEMO-HA 2.9 11.0. NEMO-HA 2.10 7.NEMO-HA 2.10 10. NEMO-HA 2.10 11.NEMO-HA 2.10 10. NEMO-HA 2.10 11.NEMO-HA 2.10 11. NEMO-HA 2.11 11.NEMO-HA 2.11 12. NEMO-HA 2.11 13.NEMO-HA 2.11 12. NEMO-HA 2.11 13.NEMO-HA 2.11 14. NEMO-HA 2.11 13.NEMO-HA 2.11 19. NEMO-HA 3.1 11.NEMO-HA 3.1 12. NEMO-HA 3.1 11.NEMO-HA 3.1 12. NEMO-HA 3.1 11.NEMO-HA 3.1 17. NEMO-HA 3.1 18.NEMO-HA 3.4 17. NEMO-HA 3.1 18.NEMO-HA 3.4 19. NEMO-HA 3.1 3. NEMO-HA 3. 10. NEMO-HA 3.1 3. NEMO-HA 5.2 6. NEMO-HA 5.1 5. NEMO-HA 5.2 16. NEMO-HA 5.1 3. NEMO-HA 5.2 16. NEMO-HA 5.4 18. NEMO-HA 5.4 17. NEMO-HA 5.4 18. NEMO-HA 5.4 18. NEMO-HA 5.5 4. NEMO-HA 5.4 17. NEMO-HA 5.4 18. NEMO-HA 6.5 18. NEMO-HA 6.6 11.	Reason of TEST Priority
							A2	X	NEMO-HA, 6, 7, 2, NEMO-HA, 6, 7, 4, NEMO-HA, 6, 7, 7, NEMO-HA, 6, 7, 8, NEMO-HA, 9, 1, 18, NEMO-HA, 9, 1, 18, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 20, NEMO-HA, 9, 1, 22, NEMO-HA, 9, 1, 23, NEMO-HA, 9, 1, 24, NEMO-HA, 9, 1, 25, NEMO-HA, 9, 1, 27, NEMO-HA, 9, 1, 27, NEMO-HA, 9, 1, 28, NEMO-HA, 9, 1, 29, NEMO-HA, 9, 1, 30, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 30, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 30, NEMO-HA, 9, 1, 31, NEMO-HA, 9, 1, 32, NEMO-HA, 9, 1, 32, NEMO-HA, 9, 1, 34, NEMO-HA, 9, 1, 36, NEMO-HA, 8, 1, 1, 8, NEMO-HA, 8, 1, 16, NEMO-HA, 8, 16, NEMO-HA, 8, 16, NEMO-HA, 8, 16, NEMO-	Virtual Home link, MPS/MPA



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
1 10.	Section	Section title	rtein	r unctional Specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 19, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 25, NEMO-HA, 9, 2, 26, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28,	Virtual Home link, Nested mobility(Same HA)
									NEMO-HA_1_1_5, NEMO-HA_1_1_6, NEMO-HA_1_1_7, NEMO-HA_2_1_1, NEMO-HA_2_1_2, NEMO-HA_2_1_3, NEMO-HA_2_1_4, NEMO-HA_2_1_6, NEMO-HA_2_1_9, NEMO-HA_2_1_14, NEMO-HA_2_1_15,	Real Home link
									NEMO-HA, 2, 2, 1, NEMO-HA, 2, 2, 2, NEMO-HA, 2, 2, 2, NEMO-HA, 2, 2, 7, NEMO-HA, 2, 2, 10, NEMO-HA, 2, 2, 10, NEMO-HA, 2, 2, 12, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 3, 2, NEMO-HA, 2, 3, 3, NEMO-HA, 2, 3, 4, NEMO-HA, 2, 4, 1, NEMO-HA, 2, 4, 2, NEMO-HA, 2, 4, 3, NEMO-HA, 2, 4, 2, NEMO-HA, 2, 4, 3, NEMO-HA, 2, 4, 6, NEMO-HA, 2, 4, 5, NEMO-HA, 2, 4, 6, NEMO-HA,	
									NEMO-HA_2_5_1, NEMO-HA_2_5_2, NEMO-HA_2_5_5, NEMO-HA_2_5_6, NEMO-HA_2_6_1, NEMO-HA_2_6_2, NEMO-HA_2_6_6, S. NEMO-HA_2_6_6, NEMO-HA_2_6_5, NEMO-HA_2_6_6, NEMO-HA_2_7_1, NEMO-HA_2_7_2, NEMO-HA_2_7_5, NEMO-HA_2_7_6, NEMO-HA_2_8_1, NEMO-HA_2_8_2, NEMO-HA_2_8_3, NEMO-HA_2_8_4, NEMO-HA_2_8_5, NEMO-HA_2_8_6,	
									NEMO-HA 2, 9, 1, NEMO-HA 2, 9, 2, NEMO-HA 2, 9, 3, NEMO-HA 2, 9, 5, NEMO-HA 2, 10, 2, NEMO-HA 2, 10, 2, NEMO-HA 2, 10, 10, NEMO-HA 2, 10, 4, NEMO-HA 2, 10, 5, NEMO-HA 2, 11, 1, NEMO-HA 2, 11, 1, NEMO-HA 2, 11, 1, NEMO-HA 2, 11, 2, NEMO-HA 2, 11, 1, NEMO-HA 2, 11, 1, NEMO-HA 2, 11, 1, NEMO-HA 2, 11, 1, NEMO-HA 2, 11, NEMO-HA 2, 12, 3, NEMO-HA 2, 12, 1, NEMO-HA 2, 12, 3, NEMO-HA 2, 12,	
									NEMO-HA_3_1_1.NEMO-HA_3_1_2. NEMO-HA_3_1_3.NEMO-HA_3_1_4. NEMO-HA_3_1_5.NEMO-HA_3_1_6. NEMO-HA_3_1_7.NEMO-HA_3_1_8. NEMO-HA_3_1_7.NEMO-HA_3_1_10. NEMO-HA_3_2_1.NEMO-HA_3_2_2. NEMO-HA_3_2_3.NEMO-HA_3_2_2. NEMO-HA_3_2_5.NEMO-HA_3_2_6. NEMO-HA_3_2_7.NEMO-HA_3_2_6. NEMO-HA_3_2_7.NEMO-HA_3_2_8.	



No.	RFC	RFC	Itom	Eunational Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA_3_3_1, NEMO-HA_3_3_2, NEMO-HA_3_3_3, NEMO-HA_3_3_4, NEMO-HA_3_3_5, NEMO-HA_3_3_6, NEMO-HA_3_3_7, NEMO-HA_3_3_8, NEMO-HA_3_4_1, NEMO-HA_3_4_2, NEMO-HA_3_4_3, NEMO-HA_3_4_4, NEMO-HA_3_4_5, NEMO-HA_3_4_6,	
									NEMO-HA_3_4_7, NEMO-HA_3_4_8, NEMO-HA_3_4_9, NEMO-HA_3_4_10, NEMO-HA_3_4_11, NEMO-HA_3_4_12, NEMO-HA_3_4_13, NEMO-HA_3_4_14, NEMO-HA_3_4_15,	
									NEMO-HA_4_1_1.NEMO-HA_4_1_2. NEMO-HA_4_1_3. NEMO-HA_4_2_1.NEMO-HA_4_2_2. NEMO-HA_4_2_3.NEMO-HA_4_2_4. NEMO-HA_4_2_5.NEMO-HA_4_2_6. NEMO-HA_4_2_7.NEMO-HA_4_2_6. NEMO-HA_4_2_7.NEMO-HA_4_2_12. NEMO-HA_4_2_11.NEMO-HA_4_2_12. NEMO-HA_4_2_11.NEMO-HA_4_2_14. NEMO-HA_4_2_13.NEMO-HA_4_2_14.	
									NEMO-HA_4_3_1,NEMO-HA_4_3_2, NEMO-HA_4_3_3,NEMO-HA_4_3_4, NEMO-HA_4_3_5,NEMO-HA_4_3_6, NEMO-HA_4_3_7,NEMO-HA_4_3_8, NEMO-HA_4_3_9,NEMO-HA_4_3_10, NEMO-HA_4_3_11,NEMO-HA_4_3_12, NEMO-HA_4_3_13,NEMO-HA_4_3_14, NEMO-HA_4_3_13,NEMO-HA_4_3_16,	
									NEMO-HA_4_4_1, NEMO-HA_4_4_2, NEMO-HA_4_4_3, NEMO-HA_4_4_4, NEMO-HA_4_4_5, NEMO-HA_4_4_6, NEMO-HA_4_4_7, NEMO-HA_4_4_8, NEMO-HA_4_4_9, NEMO-HA_4_4_13, NEMO-HA_4_4_14, NEMO-HA_4_4_15,	
									NEMO HA. 5. 1. 1. NEMO HA. 5. 1. 2. NEMO HA. 5. 1. 3. NEMO HA. 5. 1. 4. NEMO HA. 5. 2. 1. NEMO HA. 5. 2. 4. NEMO HA. 5. 2. 3. NEMO HA. 5. 2. 4. NEMO HA. 5. 3. 1. NEMO HA. 5. 3. 4. NEMO HA. 5. 3. 1. NEMO HA. 5. 3. 6. NEMO HA. 5. 3. 8. NEMO HA. 5. 4. 1. NEMO HA. 5. 4. 6. NEMO HA. 5. 4. 5. NEMO HA. 5. 4. 6. NEMO HA. 5. 4. 5. NEMO HA. 5. 4. 8. NEMO HA. 5. 4. 7. NEMO HA. 5. 4. 8. NEMO HA. 5. 4. 9. NEMO HA. 5. 4. 8.	
									NEMO-HA_5_3_8, NEMO-HA_5_4_1,NEMO-HA_5_4_2, NEMO-HA_5_4_5,NEMO-HA_5_4_6, NEMO-HA_5_4_7,NEMO-HA_5_4_8,	



No	RFC	RFC	Itom	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	1
							J	•	NEMO-HA_6_1_1, NEMO-HA_6_1_2, NEMO-HA_6_2_1, NEMO-HA_6_2_2, NEMO-HA_6_2_3, S.NEMO-HA_6_2_4, NEMO-HA_6_4_1, NEMO-HA_6_4_2, NEMO-HA_6_4_3, NEMO-HA_6_4_4, NEMO-HA_6_5_1, NEMO-HA_6_5_2, NEMO-HA_6_5_3, NEMO-HA_6_5_4,	
									NEMO-HA_6_6_1.NEMO-HA_6_6_2. NEMO-HA_6_6_7.NEMO-HA_6_6_8. NEMO-HA_6_6_7.NEMO-HA_6_6_8. NEMO-HA_6_6_9.NEMO-HA_6_6_10. NEMO-HA_6_6_11. NEMO-HA_6_7_1.NEMO-HA_6_7_3. NEMO-HA_6_7_5.NEMO-HA_6_7_6,	
									NEMO-HA_9_1_1.NEMO-HA_9_1_2, NEMO-HA_9_1_3.NEMO-HA_9_1_6, NEMO-HA_9_1_5.NEMO-HA_9_1_6, NEMO-HA_9_1_7.NEMO-HA_9_1_8, NEMO-HA_9_1_7.NEMO-HA_9_1_10, NEMO-HA_9_1_11.NEMO-HA_9_1_12, NEMO-HA_9_1_13.NEMO-HA_9_1_14, NEMO-HA_9_1_15.NEMO-HA_9_1_16,	
									NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, MPS/MPA
									NEMO-HA, 9, 2, 1, NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 4, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 6, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 8, NEMO-HA, 9, 2, 9, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14,	Real Home link, Nested mobility(Same H
21					MUST	A	A2	X		Virtual Home link, IKE
										Real Home link, IKE



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
INU.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	
22	4.3		requirements apply to both home agents	When securing Binding Updates, Binding Acknowledgements, and prefix discovery, both the mobile nodes and the home agents MUST support and SHOULD use the Encapsulating Security Payload (ESP) [3] header in transport mode and MUST use a non-null payload authentication algorithm to provide data origin authentication, connectionless integrity and optional anti-replay protection.	MUST	A	A1/A2	х	NEMO-HA. 2. 1. 5. NEMO-HA. 2. 1. 7. NEMO-HA. 2. 2. 4. NEMO-HA. 2. 2. 5. NEMO-HA. 2. 2. 6. NEMO-HA. 2. 2. 5. NEMO-HA. 2. 2. 11. NEMO-HA. 2. 2. 12. NEMO-HA. 2. 2. 14. NEMO-HA. 2. 2. 14. NEMO-HA. 2. 5. 4. NEMO-HA. 2. 5. 4. NEMO-HA. 2. 5. 7. NEMO-HA. 2. 5. 8. NEMO-HA. 2. 6. 7. NEMO-HA. 2. 6. 8. NEMO-HA. 2. 6. 7. NEMO-HA. 2. 6. 10. NEMO-HA. 2. 6. 9. NEMO-HA. 2. 6. 10. NEMO-HA. 2. 6. 11. NEMO-HA. 2. 6. 11. NEMO-HA. 2. 6. 11. NEMO-HA. 2. 6. 11.	Virtual Home link
									NEMO-HA_2_7_3.NEMO-HA_2_7_4, NEMO-HA_2_7_7.NEMO-HA_2_7_8, NEMO-HA_2_8_7.NEMO-HA_2_8_10, NEMO-HA_2_8_9.NEMO-HA_2_8_12, NEMO-HA_2_8_11.NEMO-HA_2_8_12, NEMO-HA_2_9_11.NEMO-HA_2_9_12, NEMO-HA_2_9_11.NEMO-HA_2_9_14, NEMO-HA_2_9_15, NEMO-HA_2_10_9.NEMO-HA_2_10_10, NEMO-HA_2_10_9.NEMO-HA_2_10_12, NEMO-HA_2_11_11.NEMO-HA_2_11_12, NEMO-HA_2_11_11.NEMO-HA_2_11_12, NEMO-HA_2_11_13.NEMO-HA_2_11_12, NEMO-HA_2_11_13.NEMO-HA_2_11_14, NEMO-HA_2_11_15.NEMO-HA_2_11_16, NEMO-HA_2_11_15.NEMO-HA_2_11_16,	
									NEMO-HA_3_1_11.NEMO-HA_3_1_12, NEMO-HA_3_2_11.NEMO-HA_3_2_12, NEMO-HA_3_4_16.NEMO-HA_3_4_17, NEMO-HA_3_4_18.NEMO-HA_3_4_19, NEMO-HA_3_4_20, NEMO-HA_5_1_5.NEMO-HA_5_1_6, NEMO-HA_5_1_7, NEMO-HA_5_2_7.NEMO-HA_5_2_6, NEMO-HA_5_2_7.NEMO-HA_5_2_8, NEMO-HA_5_3_12, NEMO-HA_5_3_12, NEMO-HA_5_3_12, NEMO-HA_5_3_12, NEMO-HA_5_4_3.NEMO-HA_5_4_4, NEMO-HA_5_4_18.NEMO-HA_5_4_13, NEMO-HA_5_4_14.NEMO-HA_5_4_17, NEMO-HA_5_4_14.NEMO-HA_5_4_17, NEMO-HA_5_4_14.NEMO-HA_5_4_17, NEMO-HA_5_4_18.NEMO-HA_5_4_17,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
INO.	Section	Section title	Itelli	r difetional specification	Status	Rank	Priority	Supported	Test No.	·
									NEMO-HA, 6, 1, 3, NEMO-HA, 6, 1, 4, NEMO-HA, 6, 4, 5, NEMO-HA, 6, 4, 8, NEMO-HA, 6, 4, 7, NEMO-HA, 6, 4, 8, NEMO-HA, 6, 5, 5, NEMO-HA, 6, 5, 8, NEMO-HA, 6, 5, 7, NEMO-HA, 6, 5, 8, NEMO-HA, 6, 6, 3, NEMO-HA, 6, 6, 12, NEMO-HA, 6, 6, 12, NEMO-HA, 6, 6, 15, NEMO-HA, 6, 6, 14, NEMO-HA, 6, 6, 14, NEMO-HA, 6, 6, 17, NEMO-HA, 6, 6, 17, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 6, 18, NEMO-HA, 6, 7, 2, NEMO-HA, 6, 7, 2, NEMO-HA, 6, 7, 2, NEMO-HA, 6, 7, 2, NEMO-HA, 6, 7, 8, NEMO-HA, 6, 7, 7, NEMO-HA, 6, 7, 8, NEMO-HA, 6, NE	
									NEMO-HA_9_1_17.NEMO-HA_9_1_18, NEMO-HA_9_1_21.NEMO-HA_9_1_20, NEMO-HA_9_1_22.NEMO-HA_9_1_22, NEMO-HA_9_1_23.NEMO-HA_9_1_24, NEMO-HA_9_1_25.NEMO-HA_9_1_28, NEMO-HA_9_1_27.NEMO-HA_9_1_28, NEMO-HA_9_1_27.NEMO-HA_9_1_30, NEMO-HA_9_1_28.NEMO-HA_9_1_30, NEMO-HA_9_1_31.NEMO-HA_9_1_32,	
							A2	X	NEMO-HA_8_1_2,NEMO-HA_8_1_4, NEMO-HA_8_1_8,NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 20, 2, 19, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9,	Virtual Home link, Nested mobility(Same HA
									NEMO-HA_1_1_5, NEMO-HA_1_1_6, NEMO-HA_1_1_7, NEMO-HA_2_1_1, NEMO-HA_2_1_2, NEMO-HA_2_1_3, NEMO-HA_2_1_4, NEMO-HA_2_1_6, NEMO-HA_2_1_9, NEMO-HA_2_1_14, NEMO-HA_2_1_15,	Real Home link
									NEMO-HA, 2, 2, 1. NEMO-HA, 2, 2, 2, NEMO-HA, 2, 2, 3, NEMO-HA, 2, 2, 7, NEMO-HA, 2, 2, 9, NEMO-HA, 2, 2, 2, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 3, 1, NEMO-HA, 2, 3, 3, NEMO-HA, 2, 3, 3, NEMO-HA, 2, 4, 1, NEMO-HA, 2, 4, 1, NEMO-HA, 2, 4, 1, NEMO-HA, 2, 4, 5, NEMO-HA, 2, 4, 6, NEMO-HA, 2, 4, 5, NEMO-HA, 2, 4, 6, NEMO-HA, 2,	
									NEMO-HA_2_5_1, NEMO-HA_2_5_2, NEMO-HA_2_5_5, NEMO-HA_2_5_6, NEMO-HA_2_6_1, NEMO-HA_2_6_2, NEMO-HA_2_6_3, NEMO-HA_2_6_4, NEMO-HA_2_6_6_5, NEMO-HA_2_6_6, NEMO-HA_2_7_1, NEMO-HA_2_7_6, NEMO-HA_2_7_5, NEMO-HA_2_7_6, NEMO-HA_2_8_1, NEMO-HA_2_8_2, NEMO-HA_2_8_1, NEMO-HA_2_8_4, NEMO-HA_2_8_5, NEMO-HA_2_8_6,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
INU.	Section	Section title	Item	r uncuonar specification	Status	Rank	Priority	Supported	Test No.	•
									NEMO-HA 2 9 1, NEMO-HA 2 9 2, NEMO-HA 2 9 3, NEMO-HA 2 9 4, NEMO-HA 2 10 1, NEMO-HA 2 10 2, NEMO-HA 2 10 1, NEMO-HA 2 10 2, NEMO-HA 2 10 3, NEMO-HA 2 10 4, NEMO-HA 2 11 1, NEMO-HA 2 11 2, NEMO-HA 2 11 1, NEMO-HA 2 11 4, NEMO-HA 2 11 3, NEMO-HA 2 11 4, NEMO-HA 2 11 7, NEMO-HA 2 11 8, NEMO-HA 2 11 7, NEMO-HA 2 11 8, NEMO-HA 2 11 7, NEMO-HA 2 11 8, NEMO-HA 2 11 9, NEMO-HA 2 11 9, NEMO-HA 2 11 9,	
									NEMO-HA_3_1_1.NEMO-HA_3_1_2. NEMO-HA_3_1_3.NEMO-HA_3_1_4. NEMO-HA_3_1_5.NEMO-HA_3_1_6. NEMO-HA_3_1_7.NEMO-HA_3_1_8. NEMO-HA_3_1_9.NEMO-HA_3_1_10. NEMO-HA_3_2_1.NEMO-HA_3_2_2. NEMO-HA_3_2_3.NEMO-HA_3_2_2. NEMO-HA_3_2_5.NEMO-HA_3_2_6. NEMO-HA_3_2_7.NEMO-HA_3_2_8. NEMO-HA_3_2_9.NEMO-HA_3_2_10.	
									NEMO-HA 3.3 1. NEMO-HA 3.3 2. NEMO-HA 3.3 3. NEMO-HA 3.3 4. NEMO-HA 3.3 5. NEMO-HA 3.3 8. NEMO-HA 3.3 7. NEMO-HA 3.3 8. NEMO-HA 3.4 1. NEMO-HA 3.4 4. NEMO-HA 3.4 3. SNEMO-HA 3.4 4. NEMO-HA 3.4 7. NEMO-HA 3.4 8. NEMO-HA 3.4 9. NEMO-HA 3.4 1. NEMO-HA 3.4 9. NEMO-HA 3.4 1. NEMO-HA 3.4 1. NEMO-HA 3.4 1.1 NEMO-HA 3.4 11. NEMO-HA 3.4 1.1 NEMO-HA 3.4 11. NEMO-HA 3.4 1.1 NEMO-HA 3.4 13. NEMO-HA 3.4 1.1	
									NEMO-HA, 4, 1, 1, NEMO-HA, 4, 1, 2, NEMO-HA, 4, 1, 1, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 3, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 6, NEMO-HA, 4, 2, 7, NEMO-HA, 4, 2, 9, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 12, NEMO-HA, 4, 2, 12, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, NEMO-	
									NEMO-HA_4_3_1, NEMO-HA_4_3_2, NEMO-HA_4_3_3, S.NEMO-HA_4_3_4, NEMO-HA_4_3_5, NEMO-HA_4_3_8, NEMO-HA_4_3_7, NEMO-HA_4_3_8, NEMO-HA_4_3_9, NEMO-HA_4_3_10, NEMO-HA_4_3_11, NEMO-HA_4_3_12, NEMO-HA_4_3_13, NEMO-HA_4_3_14, NEMO-HA_4_3_15, NEMO-HA_4_3_16,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
INU.	Section	Section title	пеш	i unctional Specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA_4_1, NEMO-HA_4_4_2, NEMO-HA_4_4_3, NEMO-HA_4_4_4, NEMO-HA_4_4_5, NEMO-HA_4_4_6, NEMO-HA_4_4_7, NEMO-HA_4_4_8, NEMO-HA_4_4_9, NEMO-HA_4_4_13, NEMO-HA_4_4_14, NEMO-HA_4_4_15,	
									NEMO-HA_5_1_1, NEMO-HA_5_1_2, NEMO-HA_5_1_3, NEMO-HA_5_1_4, NEMO-HA_5_2_1, NEMO-HA_5_2_2, NEMO-HA_5_2_2, NEMO-HA_5_2_4, NEMO-HA_5_3_3, 1, NEMO-HA_5_3_4, NEMO-HA_5_3_3, 5, NEMO-HA_5_3_4, NEMO-HA_5_3_3, 5, NEMO-HA_5_3_4, NEMO-HA_5_4_4, 1, NEMO-HA_5_4_2, NEMO-HA_5_4_4, 1, NEMO-HA_5_4_8, NEMO-HA_5_4_7, NEMO-HA_5_4_8, NEMO-HA_5_4_7, NEMO-HA_5_4_8, NEMO-HA_5_4_7, NEMO-HA_5_4_10, NEMO-HA_5_4_11, NEMO-HA_5_5_1, NEMO-HA_5_5_3,	
									NEMO-HA_6_1_1.NEMO-HA_6_1_2, NEMO-HA_6_2_1.NEMO-HA_6_2_2, NEMO-HA_6_2_3.NEMO-HA_6_2_4, NEMO-HA_6_4_1.NEMO-HA_6_4_4, NEMO-HA_6_4_3.NEMO-HA_6_4_4, NEMO-HA_6_5_1.NEMO-HA_6_5_2, NEMO-HA_6_5_1.NEMO-HA_6_5_4,	
									NEMO-HA_6_6_1.NEMO-HA_6_6_2. NEMO-HA_6_6_5.NEMO-HA_6_6_6_6. NEMO-HA_6_6_7.NEMO-HA_6_6_10. NEMO-HA_6_6_9.NEMO-HA_6_6_10. NEMO-HA_6_6_11. NEMO-HA_6_7_1.NEMO-HA_6_7_3. NEMO-HA_6_7_5.NEMO-HA_6_7_6.	
									NEMO-HA_9_1_1, NEMO-HA_9_1_2, NEMO-HA_9_1_3, NEMO-HA_9_1_4, NEMO-HA_9_1_5, NEMO-HA_9_1_6, NEMO-HA_9_1_7, 7, NEMO-HA_9_1_8, NEMO-HA_9_1_9, NEMO-HA_9_1_10, NEMO-HA_9_1_11, NEMO-HA_9_1_12, NEMO-HA_9_1_13, NEMO-HA_9_1_14, NEMO-HA_9_1_15, NEMO-HA_9_1_16,	
									NEMO-HA_8_1_1,NEMO-HA_8_1_3, NEMO-HA_8_1_7,NEMO-HA_8_1_15, NEMO-HA_9_2_1,NEMO-HA_9_2_2, NEMO-HA_9_2_3,NEMO-HA_9_2_4, NEMO-HA_9_2_5,NEMO-HA_9_2_6, NEMO-HA_9_2_7,7,NEMO-HA_9_2_8, NEMO-HA_9_2_1,7,NEMO-HA_9_2_10, NEMO-HA_9_2_11,NEMO-HA_9_2_12, NEMO-HA_9_2_13,NEMO-HA_9_2_14,	Real Home link, MPS/MPA Real Home link, Nested mobility(Same HA



RFC	RFC	Itom	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priorit
Section	Section title	цеш	Functional Specification	Status	Rank	Priority	Supported	Test No.	
				SHOULD	A	A1/A2	Х	NEMO-HA. 2.1. 5. NEMO-HA. 2.1. 7. NEMO-HA. 2.1. 8. NEMO-HA. 2.2. 4. NEMO-HA. 2.2. 5. NEMO-HA. 2.2. 6. NEMO-HA. 2.2. 5. NEMO-HA. 2.2. 11. NEMO-HA. 2.2. 12. NEMO-HA. 2.2. 14. NEMO-HA. 2.5. 3. NEMO-HA. 2.5. 4. NEMO-HA. 2.5. 7. NEMO-HA. 2.5. 8. NEMO-HA. 2.6. 7. NEMO-HA. 2.6. 10. NEMO-HA. 2.6. 9. NEMO-HA. 2.6. 10. NEMO-HA. 2.6. 9. NEMO-HA. 2.6. 11. NEMO-HA. 2.6. 11. NEMO-HA. 2.6. 12.	Virtual Home link
								NEMO-HA_2_7_3.NEMO-HA_2_7_4, NEMO-HA_2_7_8.NEMO-HA_2_7_8. NEMO-HA_2_8_7.NEMO-HA_2_8_10, NEMO-HA_2_8_8_9.NEMO-HA_2_8_11, NEMO-HA_2_8_11.NEMO-HA_2_8_12, NEMO-HA_2_9_11.NEMO-HA_2_9_12, NEMO-HA_2_9_11.NEMO-HA_2_9_14, NEMO-HA_2_9_15, NEMO-HA_2_10_7.NEMO-HA_2_10_8, NEMO-HA_2_10_9.NEMO-HA_2_10_12, NEMO-HA_2_10_11.NEMO-HA_2_10_12, NEMO-HA_2_11_11.NEMO-HA_2_11_12, NEMO-HA_2_11_13.NEMO-HA_2_11_14, NEMO-HA_2_11_1_13.NEMO-HA_2_11_14, NEMO-HA_2_11_1_15.NEMO-HA_2_11_6,	
								NEMO-HA_3_1_11,NEMO-HA_3_1_12, NEMO-HA_3_2_11,NEMO-HA_3_2_12, NEMO-HA_3_4_18,NEMO-HA_3_4_17, NEMO-HA_3_4_18,NEMO-HA_3_4_19, NEMO-HA_3_4_20, NEMO-HA_5_1_5,NEMO-HA_5_1_6, NEMO-HA_5_1_7, NEMO-HA_5_2_5,NEMO-HA_5_2_6, NEMO-HA_5_2_7,NEMO-HA_5_2_8, NEMO-HA_5_3_7,NEMO-HA_5_3_10, NEMO-HA_5_3_7,NEMO-HA_5_3_10, NEMO-HA_5_3_7,NEMO-HA_5_3_10, NEMO-HA_5_3_7,NEMO-HA_5_3_10, NEMO-HA_5_3_12,	
								NEMO-HA_5_4_3, NEMO-HA_5_4_4, NEMO-HA_5_4_12, NEMO-HA_5_4_13, NEMO-HA_5_4_14, NEMO-HA_5_4_15, NEMO-HA_5_4_16, NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_4_18,	
								NEMO-HA_6_1_3.NEMO-HA_6_1_4, NEMO-HA_6_4_5.NEMO-HA_6_4_6, NEMO-HA_6_4_7.NEMO-HA_6_4_6, NEMO-HA_6_5_5.S.NEMO-HA_6_5_6, NEMO-HA_6_5_5.NEMO-HA_6_5_6, NEMO-HA_6_6_6_3.NEMO-HA_6_6_4, NEMO-HA_6_6_3.NEMO-HA_6_6_4, NEMO-HA_6_6_112.NEMO-HA_6_6_13, NEMO-HA_6_6_114.NEMO-HA_6_6_15, NEMO-HA_6_6_16.NEMO-HA_6_6_15, NEMO-HA_6_6_18.NEMO-HA_6_6_17, NEMO-HA_6_7_1.NEMO-HA_6_7_4, NEMO-HA_6_7_7.NEMO-HA_6_7_8,	
					Section Section title Item Functional Specification Status	Section Section title Item Functional Specification Status Rank	Section Section title Item Functional Specification Status Rank Priority	Section Section title Rank Priority Supported Status Rank Priority Supported	Section Section Hem



No	RFC	RFC	Tterr	Eupational Caratification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
	ection	Section title	Item	Functional Specification	Status	Rank		Supported		
									NEMO-HA. 9. 1. 17. NEMO-HA. 9. 1. 18. NEMO-HA. 9. 1. 19. NEMO-HA. 9. 1. 22. NEMO-HA. 9. 1. 21. NEMO-HA. 9. 1. 22. NEMO-HA. 9. 1. 23. NEMO-HA. 9. 1. 24. NEMO-HA. 9. 1. 25. NEMO-HA. 9. 1. 26. NEMO-HA. 9. 1. 27. NEMO-HA. 9. 1. 28. NEMO-HA. 9. 1. 27. NEMO-HA. 9. 1. 30. NEMO-HA. 9. 1. 31. NEMO-HA. 9. 1. 30. NEMO-HA. 9. 1. 31. NEMO-HA. 9. 1. 32.	
							A2	X	NEMO-HA_8_1_2,NEMO-HA_8_1_4, NEMO-HA_8_1_8,NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA
									NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 18, NEMO-HA, 9, 2, 19, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 22, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 25, NEMO-HA, 9, 2, 26, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28,	Virtual Home link, Nested mobility(Same HA)
									NEMO-HA_1_1_5,NEMO-HA_1_1_6, NEMO-HA_1_1_7, NEMO-HA_2_1_1,NEMO-HA_2_1_2, NEMO-HA_2_1_3,NEMO-HA_2_1_4, NEMO-HA_2_1_6,NEMO-HA_2_1_9, NEMO-HA_2_1_6,NEMO-HA_2_1_15,	Real Home link
									NEMO-HA_2_2_1.NEMO-HA_2_2_2, NEMO-HA_2_2_3.NEMO-HA_2_2_7, NEMO-HA_2_2_9.NEMO-HA_2_2_10, NEMO-HA_2_2_13. NEMO-HA_2_3_1.NEMO-HA_2_3_2, NEMO-HA_2_3_3.NEMO-HA_2_3_4, NEMO-HA_2_4_1.NEMO-HA_2_4_2, NEMO-HA_2_4_3.NEMO-HA_2_4_4, NEMO-HA_2_4_5.NEMO-HA_2_4_6,	
									NEMO-HA_2_5_1.NEMO-HA_2_5_2, NEMO-HA_2_5_5.NEMO-HA_2_5_6, NEMO-HA_2_6_1.NEMO-HA_2_6_6_2, NEMO-HA_2_6_3.NEMO-HA_2_6_6_4, NEMO-HA_2_6_5.NEMO-HA_2_6_6_6, NEMO-HA_2_7_5.NEMO-HA_2_7_2, NEMO-HA_2_7_5.NEMO-HA_2_7_6, NEMO-HA_2_8_1.NEMO-HA_2_8_4, NEMO-HA_2_8_3.NEMO-HA_2_8_6,	
									NEMO-HA_2_9_1, NEMO-HA_2_9_2, NEMO-HA_2_9_3, NEMO-HA_2_9_4, NEMO-HA_2_9_5, NEMO-HA_2_10_1, NEMO-HA_2_10_2, NEMO-HA_2_10_5, NEMO-HA_2_10_6, NEMO-HA_2_11_1, NEMO-HA_2_11_4, NEMO-HA_2_11_3, NEMO-HA_2_11_4, NEMO-HA_2_11_5, NEMO-HA_2_11_8, NEMO-HA_2_11_5, NEMO-HA_2_11_8, NEMO-HA_2_11_5, NEMO-HA_2_11_8, NEMO-HA_2_11_9, NEMO-HA_2_12_3,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
140.	Section	Section title	item	Punctional Specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA 3.1.1.NEMO-HA 3.1.2. NEMO-HA 3.1.3.NEMO-HA 3.1.4. NEMO-HA 3.1.5.NEMO-HA 3.1.6. NEMO-HA 3.1.7.NEMO-HA 3.1.8. NEMO-HA 3.1.7.NEMO-HA 3.1.10. NEMO-HA 3.2.1.NEMO-HA 3.2.2. NEMO-HA 3.2.3.NEMO-HA 3.2.4. NEMO-HA 3.2.5.NEMO-HA 3.2.6. NEMO-HA 3.2.7.NEMO-HA 3.2.6. NEMO-HA 3.2.7.NEMO-HA 3.2.10.	
									NEMO-HA_3_3_1,NEMO-HA_3_3_2, NEMO-HA_3_3_3,NEMO-HA_3_3_4, NEMO-HA_3_3_5,NEMO-HA_3_3_8, NEMO-HA_3_3_7,NEMO-HA_3_3_8, NEMO-HA_3_4_1,NEMO-HA_3_4_2, NEMO-HA_3_4_5,NEMO-HA_3_4_6, NEMO-HA_3_4_7,NEMO-HA_3_4_6, NEMO-HA_3_4_7,NEMO-HA_3_4_10, NEMO-HA_3_4_11,NEMO-HA_3_4_11, NEMO-HA_3_4_11,NEMO-HA_3_4_12, NEMO-HA_3_4_11,NEMO-HA_3_4_12, NEMO-HA_3_4_11,NEMO-HA_3_4_14, NEMO-HA_3_4_11,NEMO-HA_3_4_14, NEMO-HA_3_4_13,NEMO-HA_3_4_14, NEMO-HA_3_4_15,	
									NEMO-HA, 4, 1, 1, NEMO-HA, 4, 1, 2, NEMO-HA, 4, 1, 1, 3, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 3, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 8, NEMO-HA, 4, 2, 10, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16	
									NEMO-HA_4_3_1.NEMO-HA_4_3_2, NEMO-HA_4_3_3.NEMO-HA_4_3_4, NEMO-HA_4_3_5.NEMO-HA_4_3_8, NEMO-HA_4_3_7.NEMO-HA_4_3_8, NEMO-HA_4_3_9.NEMO-HA_4_3_10, NEMO-HA_4_3_11.NEMO-HA_4_3_12, NEMO-HA_4_3_11.NEMO-HA_4_3_14, NEMO-HA_4_3_15.NEMO-HA_4_3_16,	
									NEMO-HA_4_4_1.NEMO-HA_4_4_2, NEMO-HA_4_4_3.NEMO-HA_4_4_4, NEMO-HA_4_4_5.NEMO-HA_4_4_6, NEMO-HA_4_4_7.NEMO-HA_4_4_18, NEMO-HA_4_4_7.NEMO-HA_4_4_13, NEMO-HA_4_4_14.NEMO-HA_4_4_15,	



son of TEST Priority	Test PROFILE		Test	Functional	RFC	Functional Specification	Item	RFC	RFC	No.
	Test No.	Supported	Priority	Rank	Status	Functional Specification	Item	Section title	Section	110.
	NEMO-HA_5_1_1,NEMO-HA_5_1_2,									
	NEMO-HA_5_1_3,NEMO-HA_5_1_4, NEMO-HA_5_2_1,NEMO-HA_5_2_2,									
	NEMO-HA_5_2_1,NEMO-HA_5_2_2, NEMO-HA_5_2_3,NEMO-HA_5_2_4,									
	NEMO-HA_5_3_1,NEMO-HA_5_3_4,									
	NEMO-HA_5_3_5,NEMO-HA_5_3_6,									
	NEMO-HA_5_3_8,									
	NEMO-HA_5_4_1,NEMO-HA_5_4_2,									
	NEMO-HA_5_4_5,NEMO-HA_5_4_6,									
	NEMO-HA_5_4_7,NEMO-HA_5_4_8,									
	NEMO-HA_5_4_9,NEMO-HA_5_4_10,									
	NEMO-HA_5_4_11, NEMO-HA_5_5_1,NEMO-HA_5_5_3,									
	NEWO-11A_3_3_1, NEWO-11A_3_3_3,									
	NEMO-HA_6_1_1,NEMO-HA_6_1_2,									
	NEMO-HA_6_2_1,NEMO-HA_6_2_2,									
	NEMO-HA_6_2_3,NEMO-HA_6_2_4,									
	NEMO-HA_6_4_1,NEMO-HA_6_4_2,									
	NEMO-HA_6_4_3,NEMO-HA_6_4_4,									
	NEMO-HA_6_5_1,NEMO-HA_6_5_2,									
	NEMO-HA_6_5_3,NEMO-HA_6_5_4,									
	NEMO-HA_6_6_1,NEMO-HA_6_6_2,									
	NEMO-HA_6_6_5,NEMO-HA_6_6_6,									
	NEMO-HA_6_6_7,NEMO-HA_6_6_8,									
	NEMO-HA_6_6_9,NEMO-HA_6_6_10, NEMO-HA_6_6_11,									
	NEMO-HA_6_7_1,NEMO-HA_6_7_3,									
	NEMO-HA_6_7_5,NEMO-HA_6_7_6,									
	NEMO-HA_9_1_1,NEMO-HA_9_1_2,									
	NEMO-HA_9_1_1,NEMO-HA_9_1_2, NEMO-HA_9_1_3,NEMO-HA_9_1_4,									
	NEMO-HA_9_1_5,NEMO-HA_9_1_6,									
	NEMO-HA_9_1_7,NEMO-HA_9_1_8,									
	NEMO-HA_9_1_9,NEMO-HA_9_1_10,									
	NEMO-HA_9_1_11,NEMO-HA_9_1_12,									
	NEMO-HA_9_1_13,NEMO-HA_9_1_14, NEMO-HA_9_1_15,NEMO-HA_9_1_16,									
	NEMO-HA_9_1_15,NEMO-HA_9_1_16,									
Home link,										
MPA									1	
Home link,	NEMO-HA_9_2_1,NEMO-HA_9_2_2,								ĺ	
ed mobility(Same HA	NEMO-HA_9_2_3,NEMO-HA_9_2_4,									
d mobility(Same 11A	NEMO-HA_9_2_5,NEMO-HA_9_2_6, NEMO-HA_9_2_7,NEMO-HA_9_2_8,									
	NEMO-HA_9_2_7, NEMO-HA_9_2_8, NEMO-HA_9_2_9, NEMO-HA_9_2_10,									
	NEMO-HA_9_2_11,NEMO-HA_9_2_12,									
	NEMO-HA_9_2_13,NEMO-HA_9_2_14,								1	
al Home link	NEMO-HA_2_1_5,NEMO-HA_2_1_7,	X	A1/A2	A	MUST				1	24
	NEMO-HA_2_1_8,					1			1	-
	NEMO-HA_2_2_4,NEMO-HA_2_2_5,								l	
	NEMO-HA_2_2_6, NEMO-HA_2_2_8,									
	NEMO-HA_2_2_11,NEMO-HA_2_2_12, NEMO-HA_2_2_14,									
	NEMO-HA_2_6_7, NEMO-HA_2_6_8,								ĺ	
	NEMO-HA_2_6_9,NEMO-HA_2_6_10,									
	NEMO-HA_2_6_11,NEMO-HA_2_6_12,									
	NEMO-HA_2_5_3,NEMO-HA_2_5_4, NEMO-HA_2_5_7,NEMO-HA_2_5_8, NEMO-HA_2_6_7,NEMO-HA_2_6_8, NEMO-HA_2_6_9,NEMO-HA_2_6_10,									



NI.	RFC	RFC	Thomas	Emetional Constitution	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Ţ.
									NEMO-HA 2, 7, 3, NEMO-HA 2, 7, 4, NEMO-HA 2, 7, 8, NEMO-HA 2, 8, 8, NEMO-HA 2, 8, 8, NEMO-HA 2, 8, 18, NEMO-HA 2, 8, 18, NEMO-HA 2, 8, 11, NEMO-HA 2, 8, 12, NEMO-HA 2, 9, 111, NEMO-HA 2, 9, 12, NEMO-HA 2, 9, 13, NEMO-HA 2, 9, 14, NEMO-HA 2, 9, 13, NEMO-HA 2, 9, 14, NEMO-HA 2, 10, 7, NEMO-HA 2, 10, 7, NEMO-HA 2, 10, 10, NEMO-HA 2, 10, 11, NEMO-HA 2, 10, 11, NEMO-HA 2, 11, 15, NEMO-HA 2, 12, 6, NEMO-HA 2, 12, 4, NEMO-HA 2, 12, 6,	
									NEMO-HA_3_1_11.NEMO-HA_3_1_12, NEMO-HA_3_2_11.NEMO-HA_3_2_12, NEMO-HA_3_4_18.NEMO-HA_3_4_17, NEMO-HA_3_4_18.NEMO-HA_3_4_19, NEMO-HA_3_4_20, NEMO-HA_5_1_5.NEMO-HA_5_1_6, NEMO-HA_5_1_5.NEMO-HA_5_2_6, NEMO-HA_5_2_7.NEMO-HA_5_2_8, NEMO-HA_5_2_7.NEMO-HA_5_3_10, NEMO-HA_5_3_12,	
									NEMO-HA_5_4_3.NEMO-HA_5_4_4, NEMO-HA_5_4_12.NEMO-HA_5_4_13, NEMO-HA_5_4_14.NEMO-HA_5_4_15, NEMO-HA_5_4_16.NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_5_4.NEMO-HA_5_5_6,	
									NEMO-HA_6_1_3, NEMO-HA_6_1_4, NEMO-HA_6_4_5, NEMO-HA_6_4_6, NEMO-HA_6_4_7, NEMO-HA_6_5_8, NEMO-HA_6_5_5, NEMO-HA_6_5_8, NEMO-HA_6_6_3, NEMO-HA_6_6_4, NEMO-HA_6_6_3, NEMO-HA_6_6_13, NEMO-HA_6_6_14, NEMO-HA_6_6_15, NEMO-HA_6_6_14, NEMO-HA_6_6_17, NEMO-HA_6_6_18, NEMO-HA_6_6_18, NEMO-HA_6_6_18, NEMO-HA_6_6_18,	
									NEMO-HA. 9.1.17.NEMO-HA. 9.1.18. NEMO-HA. 9.1.19.NEMO-HA. 9.1.20. NEMO-HA. 9.1.21.NEMO-HA. 9.1.22. NEMO-HA. 9.1.23.NEMO-HA. 9.1.24. NEMO-HA. 9.1.25.NEMO-HA. 9.1.26. NEMO-HA. 9.1.27.NEMO-HA. 9.1.28. NEMO-HA. 9.1.29.	
							A2	Х	NEMO-HA_8_1_2,NEMO-HA_8_1_4, NEMO-HA_8_1_8,NEMO-HA_8_1_16,	Virtual Home link, MPS/MPA



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	
								•	NEMO-HA_9_2_15,NEMO-HA_9_2_16, NEMO-HA_9_2_17,NEMO-HA_9_2_20, NEMO-HA_9_2_2 19,NEMO-HA_9_2_20, NEMO-HA_9_2_21,NEMO-HA_9_2_22, NEMO-HA_9_2_23,NEMO-HA_9_2_24, NEMO-HA_9_2_25,NEMO-HA_9_2_26, NEMO-HA_9_2_27,NEMO-HA_9_2_28,	Virtual Home link, Nested mobility(Same HA)
									NEMO-HA_1_1_5.NEMO-HA_1_1_6, NEMO-HA_1_1_7, NEMO-HA_2_1_1.NEMO-HA_2_1_2, NEMO-HA_2_1_3.NEMO-HA_2_1_4, NEMO-HA_2_1_6.NEMO-HA_2_1_9, NEMO-HA_2_1_14.NEMO-HA_2_1_15,	Real Home link
									NEMO-HA_2_2_1, NEMO-HA_2_2_2, NEMO-HA_2_2_3, NEMO-HA_2_2_7, NEMO-HA_2_2_9, NEMO-HA_2_2_10, NEMO-HA_2_2_13, NEMO-HA_2_3_1, NEMO-HA_2_3_2, NEMO-HA_2_3_3, NEMO-HA_2_3_4, NEMO-HA_2_4_1, NEMO-HA_2_4_2, NEMO-HA_2_4_3, NEMO-HA_2_4_6,	
									NEMO-HA 2.5.1.NEMO-HA 2.5.2. NEMO-HA 2.5.5.NEMO-HA 2.5.6. NEMO-HA 2.6.1.NEMO-HA 2.6.2. NEMO-HA 2.6.3.NEMO-HA 2.6.4. NEMO-HA 2.6.5.NEMO-HA 2.6.6. NEMO-HA 2.7.1.NEMO-HA 2.7.2. NEMO-HA 2.7.1.NEMO-HA 2.7.0. NEMO-HA 2.8.1.NEMO-HA 2.8.2. NEMO-HA 2.8.3.NEMO-HA 2.8.6.	
									NEMO-HA_2_9_1, NEMO-HA_2_9_2, NEMO-HA_2_9_4, NEMO-HA_2_9_4, NEMO-HA_2_9_5, NEMO-HA_2_10_2, NEMO-HA_2_10_3, NEMO-HA_2_10_5, NEMO-HA_2_10_5, NEMO-HA_2_10_5, NEMO-HA_2_11_2, NEMO-HA_2_11_3, NEMO-HA_2_11_4, NEMO-HA_2_11_5, NEMO-HA_2_12_3, NEMO-HA_2_12_1, NEMO-HA_2_12_3, NEMO-HA_2_2_2_2, NEMO-HA_2_2_2_2, NEMO-HA_2_2_2_2, NEMO-HA_2_2_2_2, NEMO-HA_2_2_2_2, NEMO-HA_2_2_2_2, NEMO-HA_2_2_2_2_2, NEMO-HA_2_2_2_2_2, NEMO-HA	
									NEMO-HA_3_1_1, NEMO-HA_3_1_2, NEMO-HA_3_1_4, NEMO-HA_3_1_4, NEMO-HA_3_1_5, NEMO-HA_3_1_6, NEMO-HA_3_1_7, NEMO-HA_3_1_8, NEMO-HA_3_1_7, NEMO-HA_3_1_10, NEMO-HA_3_2_1, NEMO-HA_3_2_2, NEMO-HA_3_2_3, NEMO-HA_3_2_2, NEMO-HA_3_2_5, NEMO-HA_3_2_6, NEMO-HA_3_2_7, NEMO-HA_3_2_8, NEMO-HA_3_2_7, NEMO-HA_3_2_8,	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
INO.	Section	Section title	Item	r difctional specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA 3.3 1. NEMO-HA 3.3 2. NEMO-HA 3.3 3. S. NEMO-HA 3.3 4. NEMO-HA 3.3 7. NEMO-HA 3.3 8. NEMO-HA 3.3 7. NEMO-HA 3.3 8. NEMO-HA 3.4 1. NEMO-HA 3.4 4. NEMO-HA 3.4 5. NEMO-HA 3.4 4. NEMO-HA 3.4 5. NEMO-HA 3.4 8. NEMO-HA 3.4 7. NEMO-HA 3.4 8. NEMO-HA 3.4 7. NEMO-HA 3.4 10. NEMO-HA 3.4 11. NEMO-HA 3.4 10. NEMO-HA 3.4 11. NEMO-HA 3.4 11. NEMO-HA 3.4 11. NEMO-HA 3.4 12. NEMO-HA 3.4 13. NEMO-HA 3.4 14. NEMO-HA 3.4 15.	
									NEMO-HA, 4, 1, 1, NEMO-HA, 4, 1, 2, NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 3, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 6, NEMO-HA, 4, 2, 7, NEMO-HA, 4, 2, 8, NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 10, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 12, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 16,	
									NEMO-HA_4_3_1,NEMO-HA_4_3_2, NEMO-HA_4_3_3,NEMO-HA_4_3_4, NEMO-HA_4_3_5,NEMO-HA_4_3_8, NEMO-HA_4_3_7,NEMO-HA_4_3_10, NEMO-HA_4_3_9,NEMO-HA_4_3_10, NEMO-HA_4_3_11,NEMO-HA_4_3_11, NEMO-HA_4_3_13,NEMO-HA_4_3_14, NEMO-HA_4_3_15,NEMO-HA_4_3_16,	
									NEMO-HA_4_4_1, NEMO-HA_4_4_2, NEMO-HA_4_4_3, NEMO-HA_4_4_4, NEMO-HA_4_4_5, NEMO-HA_4_4_6, NEMO-HA_4_7, NEMO-HA_4_4_8, NEMO-HA_4_4_9, NEMO-HA_4_4_13, NEMO-HA_4_4_14, NEMO-HA_4_4_15,	
									NEMO-HA_5_1_1,NEMO-HA_5_1_2, NEMO-HA_5_1_3,NEMO-HA_5_1_4, NEMO-HA_5_2_1,NEMO-HA_5_2_2, NEMO-HA_5_2_2,NEMO-HA_5_2_3_4, NEMO-HA_5_3_3_1,NEMO-HA_5_3_4, NEMO-HA_5_3_3_5,NEMO-HA_5_3_4, NEMO-HA_5_3_4,NEMO-HA_5_4_2, NEMO-HA_5_4_1,NEMO-HA_5_4_2, NEMO-HA_5_4_2,NEMO-HA_5_4_8, NEMO-HA_5_4_7,NEMO-HA_5_4_1, NEMO-HA_5_4_9,NEMO-HA_5_4_1, NEMO-HA_5_4_1,NEMO-HA_5_4_1, NEMO-HA_5_4_1,NEMO-HA_5_4_1, NEMO-HA_5_4_1,NEMO-HA_5_4_1, NEMO-HA_5_5_1,NEMO-HA_5_5_3,	
									NEMO-HA_6_1_1, NEMO-HA_6_1_2, NEMO-HA_6_2_1, NEMO-HA_6_2_2, NEMO-HA_6_2_3, NEMO-HA_6_2_4, NEMO-HA_6_4_1, 1, NEMO-HA_6_4_4, NEMO-HA_6_4_3, NEMO-HA_6_4_4, NEMO-HA_6_5_1, NEMO-HA_6_5_2, NEMO-HA_6_5_3, NEMO-HA_6_5_4,	



No.	RFC	RFC	Item	Eunstianal Chasification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
INU.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA_6_6_1.NEMO-HA_6_6_2. NEMO-HA_6_6_7.NEMO-HA_6_6.6. NEMO-HA_6_6_7.NEMO-HA_6_6.8. NEMO-HA_6_6_9.NEMO-HA_6_6_10. NEMO-HA_6_6_11. NEMO-HA_6_7_1.NEMO-HA_6_7_3. NEMO-HA_6_7_5.NEMO-HA_6_7_6.	
									NEMO-HA_9_1_1.NEMO-HA_9_1_2. NEMO-HA_9_1_3.NEMO-HA_9_1_4. NEMO-HA_9_1_5.NEMO-HA_9_1_6. NEMO-HA_9_1_7.NEMO-HA_9_1_8. NEMO-HA_9_1_9.NEMO-HA_9_1_10. NEMO-HA_9_1_1.NEMO-HA_9_1_12. NEMO-HA_9_1_1.NEMO-HA_9_1_14. NEMO-HA_9_1_13.NEMO-HA_9_1_16.	
									NEMO-HA_8_1_1, NEMO-HA_8_1_3, NEMO-HA_8_1_7, NEMO-HA_8_1_15, NEMO-HA_9_2_1, NEMO-HA_9_2_2, NEMO-HA_9_2_3, NEMO-HA_9_2_4,	Real Home link, MPS/MPA Real Home link, Nested mobility(Same HA)
									NEMO-HA_9_2_5.NEMO-HA_9_2_6. NEMO-HA_9_2_7.NEMO-HA_9_2_8. NEMO-HA_9_2_9.NEMO-HA_9_2_10. NEMO-HA_9_2_11.NEMO-HA_9_2_12. NEMO-HA_9_2_13.NEMO-HA_9_2_14.	rvesteti iliobility(Saille 11A)
25				Tunnel mode IPsec ESP MUST be supported and SHOULD be used for the protection of packets belonging to the return routability procedure. A non-null encryption transform and a non-null authentication algorithm MUST be applied.	MUST	A	A2			This function is not defined in RFC3963.
26					SHOULD	A	A2			This function is not
										defined in RFC3963.
27					MUST	A	A2			This function is not defined in RFC3963.
28			rules apply to	When IPsec is used to protect return routability signaling or payload packets, IPsec security associations are	MUST	A	A2			This function is not defined in RFC3963.



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
NU.	Section	Section title	Item		Status	Rank	Priority	Supported	Test No.	
	Section	Section title	ACCIII	needed to provide this protection. When the care-of address for the mobile node changes as a result of an accepted Binding Update, special treatment is needed for the next packets sent using these security associations. The home agent MUST set the new care-of address as the destination address of these packets, as if the outer header destination address in the security association had changed. Similarly, the home agent starts to expect the new source address in the tunnel packets received from the mobile node.	Status	Rank B	B B		NEMO-HA, 5, 1, 5, NEMO-HA, 5, 1, 6, NEMO-HA, 5, 1, 7, NEMO-HA, 5, 2, 6, NEMO-HA, 5, 2, 6, NEMO-HA, 5, 2, 6, NEMO-HA, 5, 2, 8, NEMO-HA, 5, 4, 13, NEMO-HA, 5, 4, 13, NEMO-HA, 5, 4, 14, NEMO-HA, 5, 4, 17, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 5, 6, NEMO-HA, 5, 4, 18, NEMO-HA, 6, 1, 3, NEMO-HA, 6, 18, NEMO-HA, 6, 6, 18, NEMO-H	Virtual Home link and This function is implementaion- dependent. *IPsec Protection of the payload packets tunneled between MR and HA
									NEMO-HA, 9, 1, 19.NEMO-HA, 9, 1, 20. NEMO-HA, 9, 1, 21.NEMO-HA, 9, 1, 22. NEMO-HA, 9, 1, 24. NEMO-HA, 9, 1, 25. NEMO-HA, 9, 1, 26. NEMO-HA, 9, 1, 26. NEMO-HA, 9, 1, 26. NEMO-HA, 9, 1, 27. NEMO-HA, 9, 1, 30. NEMO-HA, 9, 1, 31. NEMO-HA, 9, 1, 32. NEMO-HA, 9, 1, 31. NEMO-HA, 9, 2, 16. NEMO-HA, 9, 2, 17. NEMO-HA, 9, 2, 20. NEMO-HA, 9, 2, 21. NEMO-HA, 9, 2, 20. NEMO-HA, 9, 2, 21. NEMO-HA, 9, 2, 20. NEMO-HA, 9, 2, 21. NEMO-HA, 9, 2, 21. NEMO-HA, 9, 2, 21. NEMO-HA, 9, 2, 22. NEMO-HA, 9, 2, 23. NEMO-HA, 9, 2, 24. NEMO-HA, 9, 2, 26. NEMO-HA, 9, 2, 27. NEMO-HA, 9, 2, 26. NEMO-HA, 9, 2, 27. NEMO-HA, 9, 2, 28. NEMO-HA, 9, 2, 28. NEMO-HA, 9, 2, 29. NEMO-HA, 9, 2, 27. NEMO-HA, 9, 2, 28. NEMO-HA, 9, 2, 27. NEMO-HA, 9, 2, 28.	Virtual Home link, Nested mobility(Same HA) and This function is implementaion- dependent. *IPsec Protection of the payload packets tunneled
									NEMO-HA, 5, 1, 1, NEMO-HA, 5, 1, 2, NEMO-HA, 5, 1, 3, NEMO-HA, 5, 1, 4, NEMO-HA, 5, 2, 1, NEMO-HA, 5, 2, 2, NEMO-HA, 5, 2, 2, NEMO-HA, 5, 2, 4, NEMO-HA, 5, 3, 5, NEMO-HA, 5, 3, 8, NEMO-HA, 5, 3, 9, NEMO-HA, 5, 3, 10, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 6, NEMO-HA, 5, 4, 7, NEMO-HA, 5, 4, 6, NEMO-HA, 5, 4, 7, NEMO-HA, 5, 4, 1, NEMO-HA, 5, 4, 11, NEMO-HA, 5, 4, 11, NEMO-HA, 5, 5, 1, NEMO-HA, 5, 5, 5, NEMO-HA, 5, 5, 1, NEMO-HA, 5, NEMO-HA, 1, NEMO-H	between MR and HA Real Home link and This function is implementaion- dependent. *IPsec Protection of the payload packets tunneled between MR and HA



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
INO.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	
									NEMO-HA. 6. 1. 1. NEMO-HA. 6. 1. 2. NEMO-HA. 6. 4. 4. 1. NEMO-HA. 6. 4. 2. NEMO-HA. 6. 4. 4. NEMO-HA. 6. 6. 1. NEMO-HA. 6. 6. 2. NEMO-HA. 6. 6. 5. NEMO-HA. 6. 6. 8. NEMO-HA. 6. 6. 7. NEMO-HA. 6. 6. 8. NEMO-HA. 6. 6. 9. NEMO-HA. 6. 6. 10. NEMO-HA. 6. 6. 9. NEMO-HA. 6. 6. 10. NEMO-HA. 6. 6. 11.	
									NEMO-HA_9_1_1, NEMO-HA_9_1_2, NEMO-HA_9_1_3, NEMO-HA_9_1_4, NEMO-HA_9_1_5, NEMO-HA_9_1_6, NEMO-HA_9_1_7, NEMO-HA_9_1_8, NEMO-HA_9_1_7, NEMO-HA_9_1_10, NEMO-HA_9_1_11, NEMO-HA_9_1_14, NEMO-HA_9_1_13, NEMO-HA_9_1_16,	
									NEMO-HA_9_2_1.NEMO-HA_9_2_2, NEMO-HA_9_2_3.NEMO-HA_9_2_4, NEMO-HA_9_2_5.NEMO-HA_9_2_6, NEMO-HA_9_2_7.NEMO-HA_9_2_10, NEMO-HA_9_2_9.NEMO-HA_9_2_10, NEMO-HA_9_2_11,NEMO-HA_9_2_112, NEMO-HA_9_2_13,NEMO-HA_9_2_14,	Real Home link, Nested mobility(Same HA and This function is implementaion- dependent. *IPsec Protection of the payload packets tunneled between MR and HA
29				Such address changes can be implemented, for instance, through an API from the Mobile IPv6 implementation to the IPsec implementation. It should be noted that the use of such an API and the address changes MUST only be done based on the Binding Updates received by the home agent and protected by the use of IPsec. Address modifications based on other sources, such as Binding Updates to the correspondent nodes protected by return routability, or open access to an API from any application may result in security vulnerabilities.	MUST	A	A2			This function is implementaion-dependent. It does not effect on interoperability.
30	4.4	Dynamic Keying		If anti-replay protection is required, dynamic keying MUST be used. IPsec	MUST	A	A2	X		Virtual Home link, IKE



NI.	RFC	RFC	Trans	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST Priority
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	·
			apply to both home agents and mobile nodes:	can provide anti-replay protection only if dynamic keying is used (which may not always be the case). IPsec also does not guarantee correct ordering of packets, only that they have not been replayed. Because of this, sequence numbers within the Mobile IPv6 messages are used to ensure correct ordering. However, if the 16 bit Mobile IPv6 sequence number space is cycled through, or the home agent reboots and loses its state regarding the sequence numbers, replay and reordering attacks become possible. The use of dynamic keying, IPsec anti-replay protection, and the Mobile IPv6 sequence numbers can together prevent such attacks.						Real Home link, IKE
31				If IKE version 1 is used with preshared secrets in main mode, it determines the shared secret to use from the IP address of the peer. With Mobile IPv6, however, this may be a care-of address and does not indicate which mobile node attempts to contact the home agent. Therefore, if preshared secret authentication is used in IKEv1 between the mobile node and the home agent then aggressive mode MUST be used. Note also that care needs to be taken with phase 1 identity selection. Where the ID_IPv6_ADDR Identity Payloads is used, unambiguous mapping of identities to keys is not possible. (The next version of IKE may not have these limitations.)	MUST	A	A2	Х		Virtual Home link, IKE



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank	Test Priority	Supported	Test PROFILE Test No.	Reason of TEST Priority
										Real Home link, IKE
32			rules apply to home agents:	If the home agent has used IKE version 1 to establish security associations with the mobile node, it should follow the procedures discussed in Section 10.3.1 and 10.3.2 of the base specification [7] to determine whether the IKE endpoints can be moved or if IKE phase 1 has to be re-established.		A	A2	Х		Virtual Home link, IKE Real Home link, IKE



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test	,	Test PROFILE	Reason of TEST
100.	Section	Section title	Item	runctional Specification	Status	Rank	Priority	Supported	Test No.	Priority
1	3	Packet Formats		The mobile node and the home agent MUST support the packet formats as defined in Section 3 of RFC 3776.	MUST	A	A1			(generalization)
2				The support for the above tunneled packet format is optional on the mobile node and the home agent.	(do)	В	В			all traffic in tunnel mode
3	4.1	General Requirement s		RFC 3775 states that manual configuration of IPsec security associations MUST be supported, and	MUST	A	A1			(generalization)
4				automated key management MAY be supported.	MAY	В	В			IKEv2
5				ESP encapsulation for Binding Updates and Binding Acknowledgements MUST be supported and used.	MUST	A	A1/A2	Х	NEMO-HA_2_1_1, NEMO-HA_2_1_5 NEMO-HA_2_2_3, NEMO-HA_2_2_6 NEMO-HA_3_1_1, NEMO-HA_3_1_11 NEMO-HA_3_1_2, NEMO-HA_3_1_4	fine-grain selectors (BU/BA)
6				ESP encapsulation in tunnel mode for the Home Test Init (HoTi) and Home Test (HoT) messages tunneled between the mobile node and the home agent MUST be supported and SHOULD be used.	MUST/ SHOULD	-	-		NEMO-HA_6_3_2, NEMO-HA_6_3_6 NEMO-HA_6_3_4, NEMO-HA_6_3_8 NEMO-HA_6_3_9, NEMO-HA_6_3_10	fine-grain selectors (HoTI/HoT)



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank		Supported	Геst PROFILE Test No.	Reason of TEST Priority
7				ESP encapsulation of the ICMPv6 messages related to mobile prefix discovery MUST be supported and SHOULD be used.	MUST/ SHOULD	A	A2	X	NEMO-HA_8_1_1, NEMO-HA_8_1_2	fine-grain selectors (MPS/MPA)
8				ESP encapsulation of the payload packets tunneled between the mobile node and the home agent MAY be supported and used.	MAY	В	В			ESP encapsulation of the payload packets
9				If multicast group membership control protocols or stateful address autoconfiguration protocols are supported, payload data protection MUST be supported for those protocols.	MUST	A	A2			multicast group membership control protocols
10				The home agent and the mobile node MAY support authentication using EAP in IKEv2 as described in Section	MAY	В	В			IKEv2



NI-	RFC	RFC	T4	Franchis and Consideration	RFC	Functional	Test		Test PROFILE	Reason of TEST
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Priority
11				The home agent and the mobile node MAY support remote configuration of the home address as described in Section 9. When the home agent receives a configuration payload with a CFG_REQUEST for INTERNAL_IP6_ADDRESS, it must reply with a valid home address f	MAY	В	В			IKEv2
12	4.2	Policy Requirement s		The home agent MUST be able to prevent a mobile node from using its security association to send a Binding Update on behalf of another mobile node.	MUST	A	A1			(Setting of IPsec configuration)
13				With manual IPsec configuration, the home agent MUST be able to verify that a security association was created for a particular home address.	MUST	A	A1			(Setting of IPsec configuration)
14				With dynamic keying, the home agent MUST be able to verify that the identity presented in the IKE_AUTH exchange is allowed to create security associations for a particular home address.	MUST	A	A2			IKEv2



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test	1	Test PROFILE	Reason of TEST
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Priority
15				As required in the base specification [2], when a packet destined to the receiving node is matched against IPsec security policy or selectors of a security association, an address appearing in a Home Address destination option is considered as the source	(do)	A	A1	Х	NEMO-HA_2_1_1, NEMO-HA_2_1_5 NEMO-HA_2_2_6 NEMO-HA_3_1_1, NEMO-HA_3_1_11 NEMO-HA_3_1_2	
16				Similar implementation considerations apply to the Routing header processing as was described above for the Home Address destination option.	(do)	A	A1	X	NEMO-HA_2_1_1, NEMO-HA_2_1_5 NEMO-HA_2_2_3, NEMO-HA_2_2_6 NEMO-HA_3_1_1, NEMO-HA_3_1_11 NEMO-HA_3_1_2	
17				The security policy entries, which were used for protecting tunneled traffic between the mobile node and the home agent, SHOULD be made inactive (for instance, by removing them and installing them back later through an API).	SHOULD	A	A2			Real home link
18				If the security associations were created dynamically using IKE, they are automatically deleted when they expire.	(do)	В	В			IKEv2
19				If the security associations were created through manual configuration, they MUST be retained and used later when the mobile node moves away from home again.	MUST	A	A2			tunnel traffic IPsec manual configuration (Scenario Test)



No.	RFC	RFC	Item	Eunstianal Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST
100.	Section	Section title	rtem	Functional Specification	Status	Rank	Priority	Supported	Test No.	Priority
20				The security associations protecting Binding Updates, Binding Acknowledgements and Mobile Prefix Discovery messages SHOULD NOT be deleted as they do not depend on care-of addresses and can be used again.	SHOULD NOT	A	A1/A2			A1:BU/BA A2:MPS/MPA (Scenario Test)
21				The mobile node MUST use the Home Address destination option in Binding Updates and Mobile Prefix Solicitations when transport mode IPsec protection is used, so that the home address is visible when the IPsec policy checks are made.	MUST	A	A1/A2	X	NEMO-HA_2_1_1, NEMO-HA_2_1_5 NEMO-HA_3_1_1, NEMO-HA_3_1_11 NEMO-HA_3_1_2, NEMO-HA_3_1_4 NEMO-HA_8_1_1, NEMO-HA_8_1_2	A1:BU/BA A2:MPS/MPA
22				The home agent MUST use the Type 2 Routing header in Binding Acknowledgements and Mobile Prefix Advertisements sent to the mobile node when transport mode IPsec protection is used, again due to the need to have the home address visible when the policy checks are made.	MUST	A	A1/A2	X	NEMO-HA_2_1_1, NEMO-HA_2_1_5 NEMO-HA_3_1_1, NEMO-HA_3_1_11 NEMO-HA_3_1_2, NEMO-HA_3_1_4 NEMO-HA_8_1_1, NEMO-HA_8_1_2	A1:BU/BA A2:MPS/MPA
23	4.3	IPsec Protocol Processing		The home agent and mobile node SHOULD support Mobility Header message type as an IPsec selector.	SHOULD	A	A2	Х	NEMO-HA_2_1_1, NEMO-HA_2_1_5	fine-grain selectors
24				The home agent and mobile node SHOULD support ICMPv6 message type as an IPsec selector.	SHOULD	A	A2	X	NEMO-HA_8_1_1, NEMO-HA_8_1_2	fine-grain selectors



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank	Test Priority	Supported	Test PROFILE Test No.	Reason of TEST Priority
25				The home agent MUST be able to distinguish between HoTi messages sent to itself (when it is acting as a Correspondent Node) and those sent to Correspondent Nodes (when it is acting as a home agent) based on the destination address of the packet.	MUST	A	A2	••		НоТІ/НоТ
26				When securing Binding Updates, Binding Acknowledgements, and Mobile Prefix Discovery messages, both the mobile node and the home agent MUST support the use of the Encapsulating Security Payload (ESP) [6] header in transport mode and MUST use a non-null pa	MUST	A	A1/A2	X	NEMO-HA_2_1_1, NEMO-HA_2_1_5 NEMO-HA_3_1_1, NEMO-HA_3_1_11 NEMO-HA_3_1_2, NEMO-HA_3_1_4 NEMO-HA_8_1_1, NEMO-HA_8_1_2	A1:BU/BA A2:MPS/MPA
27					MUST	A	A1/A2	Х	NEMO-HA_2_1_1, NEMO-HA_2_1_5 NEMO-HA_3_1_1, NEMO-HA_3_1_11 NEMO-HA_3_1_2, NEMO-HA_3_1_4 NEMO-HA_8_1_1, NEMO-HA_8_1_2	A1:BU/BA A2:MPS/MPA



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST
110.	Section	Section title	Item	r unctional Specification	Status	Rank	Priority	Supported	Test No.	Priority
28				Tunnel mode IPsec ESP MUST be supported and SHOULD be used for the protection of packets belonging to the return routability procedure. A non-null encryption transform and a non-null authentication algorithm MUST be applied.	MUST	-	-	-	NEMO-HA_6_3_2, NEMO-HA_6_3_6 NEMO-HA_6_3_4, NEMO-HA_6_3_8 NEMO-HA_6_3_9, NEMO-HA_6_3_10	HoTI/HoT
29					SHOULD	-	-	-	NEMO-HA_6_3_2, NEMO-HA_6_3_6 NEMO-HA_6_3_4, NEMO-HA_6_3_8 NEMO-HA_6_3_9, NEMO-HA_6_3_10	НоТІ/НоТ
30					MUST	-	-	-	NEMO-HA_6_3_2, NEMO-HA_6_3_6 NEMO-HA_6_3_4, NEMO-HA_6_3_8 NEMO-HA_6_3_9, NEMO-HA_6_3_10	НоТІ/НоТ
31				In order to prevent this, Mobile IPv6 implementations MUST use the Alternate Care-of Address mobility option in Binding Updates sent by mobile nodes while away from home. The exception to this is when the mobile node returns home and sends a Binding Update	MUST	A	A1	х	NEMO-HA_2_1_1, NEMO-HA_2_1_5 NEMO-HA_3_1_1, NEMO-HA_3_1_11	



NI.	RFC	RFC	T4	F	RFC	Functional	Test		Test PROFILE	Reason of TEST
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Priority
32				The exception to this is when the mobile node returns home and sends a Binding Update to the home agent in order to de-register.	(do)	A	A1	X	NEMO-HA_3_1_2, NEMO-HA_3_1_4 NEMO-HA_8_1_1, NEMO-HA_8_1_2	Real home link for HA
33				When IPsec is used to protect return routability signaling or payload packets, the mobile node MUST set the source address it uses for the outgoing tunnel packets to the current primary care- of address.	MUST	-	-	-	NEMO-HA_6_3_2, NEMO-HA_6_3_6 NEMO-HA_6_3_9, NEMO-HA_6_3_10	RR
34				The home agent MUST set the new care-of address as the destination address of these packets, as if the outer header destination address in the security association had changed. Similarly, the home agent starts to expect the new source address in the tunne	MUST	-	-	-	NEMO-HA_6_3_2, NEMO-HA_6_3_6 NEMO-HA_6_3_4, NEMO-HA_6_3_8	RR
35				It should be noted that the use of such an API and the address changes MUST only be done based on the Binding Updates received by the home agent and protected by the use of IPsec.	MUST	A	A1	-		depend on implementation
36	4.4	Dynamic Keying Requirement s		The mobile node MUST use its care-of address as source address in protocol exchanges, when using dynamic keying.	MUST	A	A2			dynamic keying



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test	,	Test PROFILE	Reason of TEST
100.	Section	Section title	rtem	Functional Specification	Status	Rank	Priority	Supported	Test No.	Priority
37				The mobile node and the home agent MUST create security associations based on the home address, so that the security associations survive change in care-of address. When using IKEv2 as the key exchange protocol, the home address should be carried as the i	MUST	A	A2			dynamic keying
38				If the mobile node has used IKEv2 to establish security associations with its home agent, it should follow the procedures discussed in Section 11.7.1 and 11.7.3 of the base specification [2] to determine whether the IKE endpoints can be moved or if the SA	(do)	В	В			IKEv2
39				If the home agent has used IKEv2 to establish security associations with the mobile node, it should follow the procedures discussed in Section 10.3.1 and 10.3.2 of the base specification [2] to determine whether the IKE endpoints can be moved or if the SA	(do)	В	В			IKEv2



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank		Supported	Test PROFILE Test No.	Reason of TEST Priority
40	5	Selector Granularity Consideratio ns		The IPsec implementations on the mobile node and the home agent support fine grain selectors, including the Mobility Header message type. This is the case assumed in the IPsec SPD and SAD examples in this document.	(do)	A	A2			fine-grain selectors (generalization)
41				The IPsec implementations only support selectors at a protocol level. In such implementations, the IPsec implementation can only identify mobility header traffic and cannot identify the individual mobility header messages. In this case, the protection o	(do)	A	A1			Basic (generalization)



No.	RFC	RFC	Item	Functional Specification	RFC	Functional			Test PROFILE	Reason of TEST
	Section	Section title	rtem	-	Status	Rank	Priority	Supported	Test No.	Priority
42				The third case is where the protocol selector is not available in the IPsec implementation. In this case all traffic sent by the mobile node reverse tunneled through the home agent is protected using ESP in tunnel mode. This case is also applicable when	(do)	В	В			out of scope in IPv6 Ready Logo program for NEMO
43				If there is just one IPsec SA providing protection for all traffic, then the SA MUST fulfill the requirements for protecting protection. If the third case is being used for privacy considerations, then there can also be separate tunnel mode SPD entries f	MUST	A	A2			out of scope in IPv6 Ready Logo program for NEMO



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank		Supported	Test PROFILE Test No.	Reason of TEST Priority
44				The receipt of a Binding Update from the new care-of address updates the tunnel endpoint of the IPsec SA as described in Section 4.3. Since the Binding Update that updates the tunnel endpoint is received through the same tunnel interface that needs to be	(do)	В	В			out of scope in IPv6 Ready Logo program for NEMO



5.2.1 Functional classification and test priority for MR in RFC3963

This section describes the operation in Mobile IPv6 and the functional classifications for MR on the basis of the classifications given in section 2.3.

Notes

- "RFC section" gives the corresponding section number in the NEMO RFC referred to in section 2.2.
- "RFC section title" gives the section heading in the NEMO RFC referred to in section 2.2.
- In the column "Test Priority," "A1" indicates Rank A and Priority 1, "A2" indicates Rank-A and Priority 2, and "B" indicates Rank-B and Priority 2.
- In the column "Test PROFILE", "x" indicates that the function is supported.
- "Reason for Classification" gives the reason for the function's classification. A reason is given when Test Priority is "A2," "B," or "C."
- Some functions are common for both HA and MR, which are repeated in section 5.1.1.



Mobile Router Operation Mobile Router operation is derived largely from the combined Dehaviors of a host, of a router [5], and of a Mobile Node [1].	No.	RFC Section RI	FC Section itle Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Functional Category	Supported	review Test No.	Configurati on	Reason of TEST Priority
NEMO-MR-2-2-1-1-020		5 M	itle Item Iobile Router	Mobile Router operation is derived largely from the combined	Status	al Rank	Priority			NEMO-MR-0-0-1-001 NEMO-MR-0-0-2-001 NEMO-MR-0-0-2-001 NEMO-MR-1-2-1-1-001 NEMO-MR-1-2-1-1-002 NEMO-MR-1-2-1-1-012 NEMO-MR-1-2-1-1-012 NEMO-MR-1-2-1-1-014 NEMO-MR-1-2-1-1-014 NEMO-MR-1-2-1-1-022 NEMO-MR-1-2-1-1-025 NEMO-MR-1-2-1-1-025 NEMO-MR-1-2-1-4-007 NEMO-MR-1-2-1-4-009 NEMO-MR-1-2-1-4-010 NEMO-MR-1-2-1-4-010 NEMO-MR-1-2-1-4-011 NEMO-MR-1-2-1-4-011 NEMO-MR-1-2-3-1-023 NEMO-MR-1-2-3-1-023 NEMO-MR-1-2-3-1-023 NEMO-MR-1-2-3-1-021 NEMO-MR-1-2-3-1-021 NEMO-MR-1-2-3-1-021 NEMO-MR-1-2-3-1-021 NEMO-MR-1-2-3-1-021 NEMO-MR-1-2-3-1-021 NEMO-MR-1-2-3-1-021 NEMO-MR-1-3-2-4-010 NEMO-MR-1-3-2-4-010 NEMO-MR-1-4-1-4-002 NEMO-MR-1-4-1-4-002 NEMO-MR-1-4-1-4-001 NEMO-MR-1-1-1-001 NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-1-1-006 NEMO-MR-2-1-1-1-006 NEMO-MR-2-1-1-1-007 NEMO-MR-2-1-1-1-008 NEMO-MR-2-1-1-1-008 NEMO-MR-2-1-1-1-008 NEMO-MR-2-1-1-1-008 NEMO-MR-2-1-1-1-005 NEMO-MR-2-1-1-1-005 NEMO-MR-2-1-1-1-005 NEMO-MR-2-1-1-1-005 NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-1-1-005 NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-1-1-005 NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-1-1-005 NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-1-1-011		Reason of TEST Priority



]	No.	RFC Section	RFC Section title Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Functional Category	Supported	review Test No.	Configurati on	Reason of TEST Priority
										NEMO-MR-2-2-1-1-062 NEMO-MR-2-2-1-4-006 NEMO-MR-2-2-1-4-013 NEMO-MR-2-2-1-4-014 NEMO-MR-2-2-1-4-015 NEMO-MR-2-2-1-4-016 NEMO-MR-2-2-1-4-016 NEMO-MR-2-2-1-4-018 NEMO-MR-2-2-1-4-018 NEMO-MR-2-2-1-4-018 NEMO-MR-3-3-1-1-004 NEMO-MR-4-1-1-001 NEMO-MR-4-1-1-001 NEMO-MR-4-1-1-001 NEMO-MR-4-1-1-001 NEMO-MR-4-1-1-012 NEMO-MR-4-2-1-1-013 NEMO-MR-4-2-1-1-013 NEMO-MR-4-2-1-015 NEMO-MR-4-2-1-015 NEMO-MR-4-2-1-015 NEMO-MR-4-2-1-015 NEMO-MR-4-2-1-019 NEMO-MR-5-1-2-1-026 NEMO-MR-5-1-2-1-027 NEMO-MR-5-1-2-1-028 NEMO-MR-6-2-1-1-001 NEMO-MR-6-2-1-1-001 NEMO-MR-6-2-1-1-001 NEMO-MR-6-2-1-1-001 NEMO-MR-6-2-1-1-001 NEMO-MR-6-2-1-1-001 NEMO-MR-6-2-1-1-001 NEMO-MR-6-2-1-1-001		
2		5		A Mobile Node can act in two different ways: (1) as a Mobile Host, in which case the Home Agent doesn't maintain any prefix information related to the Mobile Host's Home Address, but does maintain a binding cache entry related to the Mobile Host's Home Address,	(do)	-	-		x		Mobile Node	Mobile node
93				(2) as a Mobile Router, in which case, in addition to maintaining the binding cache entry corresponding to the Mobile Router Home Address, the Home Agent maintains forwarding information related to prefixes assigned to the Mobile Network. The distinction between the the two modes is represented	(do)	A	A1					Mobile router



No	RFC Section	RFC Section title Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Functional Category	Supported	review Test No.	Configurati	Reason of TEST Priority
4			A Mobile Router MUST implement all requirements for IPv6 Mobile Nodes as described in section 8.5 of [1].	MUST	A	A1/A2		x		Mobile Node	Refer to 8.5 in section 5.1.2 of NEMO(Network Mobility) Test Profile. Mobile node
5	5.1.	Data Structures	Like a Mobile Host, a Mobile Router also maintains a Binding Update List, described in section 11.1 of Mobile IPv6 specification[1]. The Binding Update list is a conceptual data structure which records information sent in the Binding Updates. There is one entry per each destination to which the Mobile Router is currently sending Binding Updates.	MUST	A	A1		x	NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-2-1-001	-	Refer to 11.1 in section 5.1.2 of NEMO(Network Mobility) Test Profile. Binding Update list
6			This document introduces a new Prefix Information field in the Binding Update list structure. This field is used to store any prefix information that the Mobile Router includes in the Binding Update. If the Mobile Router sets the Mobile Router Flag (R) in the Binding Update, but does not include any prefix information in it this field is set to null. The Mobile Router does not include prefix information in the Binding Update in the implicit mode or when it, runs a dynamic routing protocol with its Home Agent.	(do)	A	A1		x	NEMO-MR-2-1-1-1-001	Implicit mode	Binding Update list
7			As does a Mobile Host, a Mobile Router stores the information regarding status of flags of the Binding Update, in the corresponding Binding Update List entry. This document introduces a new Mobile Router Flag (R) for this entry. The status of this flag is stored in the Binding Update list whenever a Binding Update is sent.	(do)	A	A1		х	NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-2-1-001	-	Binding Update list
8			A Mobile Router also maintains a Home Agent list populated according to the same procedure as a Mobile Host.	(do)	A	A1		x	NEMO-MR-2-1-1-1-001	DHAAD	DHAAD



No.	RFC Section	RFC Section title Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Functional Category	Supported	review Test No.	Configurati on	Reason of TEST Priority
9	5.2.	Sending Binding Updates	A Mobile Router sends Binding Updates to its Home Agent, as described in [1]. If the Mobile Router is not running a routing protocol as described in section 8, it uses one of the following modes to tell the Home Agent to determine which prefixes belong to the Mobile Router.	(do)	A	A1			NEMO-MR-2-1-1-1-001		Binding Update
10			In both modes, the Mobile Router sets the Mobile Router flag (R).	(do)	A	A1		x	NEMO-MR-2-1-1-1-001	Implicit mode/Expli cit mode	Binding Update
11			Implicit: In this mode, the Mobile Router does not include a Mobile Network Prefix Option in the Binding Update. The Home Agent can use any mechanism (not defined in this document) to determine the Mobile Network Prefix(es) owned by the Mobile Router and to set up forwarding for the Mobile Network. One example would be manual configuration at the Home Agent mapping the Mobile Router's Home Address to the information required for setting up forwarding for the Mobile Network.	(do)	A	A2*1		x	NEMO-MR-2-1-1-1-001	Implicit mode	Specific to implicit mode.
12			Explicit: In this mode, the Mobile Router includes one or more Mobile Network Prefix Options in the Binding Update. These options contain information about the Mobile Network Prefix(es) configured on the Mobile Network.	(do)	A	A2*1		x	NEMO-MR-2-1-1-1-001	Explicit mode	Specific to explicit mode.



No	RFC Section title Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Functional Category	Supported	review Test No.	Configurati on	Reason of TEST Priority
13		A Mobile Router MUST implement at least one mode and MAY implement both.	MUST/MA	A/B	A1/B		x	NEMO-MR-2-1-1-1-001	Implicit mode/Expli cit mode	implementation of the modes
14		In the latter case, local configuration on the Mobile Router decides which mode to use. This is out of scope for this document.	(do)	-	-					implementation of both modes
15		If the Mobile Router flag is set, the Home Registration Flag (H) MUST be set.	MUST	A	A1		х	NEMO-MR-2-1-1-1-001	Implicit mode/Expli cit mode	Binding Update
16		If the Mobile Router has a valid binding cache entry at the Home Agent, subsequent Binding Updates for the same Home Address should have the same value as the value in the binding cache for the Mobile Router Flag (R).	(do)	A	A1		х	NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-2-1-001	Implicit mode/Expli cit mode	Binding Update
17		In explicit mode, the Mobile Router MUST include prefix information in all Binding Updates, including those sent to refresh existing binding cache entries, if it wants forwarding enabled for the corresponding Mobile Network Prefixes.	MUST	A	A2*1		x	NEMO-MR-2-1-1-1-001	Explicit mode	Specific to explicit mode.
18	5.3. Receiving Binding Acknowledge nts	The Mobile Router receives Binding Acknowledgements from the Home Agent corresponding to the Binding Updates it sent. If the Binding Acknowledgement status is set to 0 (Binding Update accepted) and the Mobile Router Flag (R) is set to 1, the Mobile Router assumes that the Home Agent has successfully processed the Binding Update and has set up forwarding for the Mobile Network.	(do)	A	A1		x	NEMO-MR-2-1-1-4-005 NEMO-MR-2-1-1-4-013 NEMO-MR-2-2-1-1-001 NEMO-MR-2-2-1-1-060 NEMO-MR-2-2-1-4-006	Implicit mode/Expli cit mode	Binding acknowledgement



No.	RFC Section title Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Functional Category	Supported	review Test No.	Configurati on	Reason of TEST Priority
19		The Mobile Router can then start using the bi-directional tunnel to reverse tunneling traffic from the Mobile Network.	(do)	A	A1		х		Implicit mode/Expli cit mode	Binding acknowledgement
20		If the Mobile Router Flag (R) is not set, then the Mobile Router concludes that its current Home Agent does not support Mobile Routers and it performs Dynamic Home Agent Address Discovery again to discover Home Agents that do.	(do)	В	В		x		Implicit mode/Expli cit mode、 DHAAD	Binding acknowledgement
21		The Mobile Router MUST also de-register with the Home Agent that did not support it before attempting registration with another.	MUST	A	A1		x		Implicit mode/Expli cit mode, DHAAD	DHAAD
22	5.4. Error Processing	If the Binding Acknowledgement status is set to a value between 128 and 139, the Mobile Router takes necessary actions as described in the Mobile IPv6 specification [1].	(do)	A	A1		х	NEMO-MR-2-2-1-1-003 NEMO-MR-2-2-1-1-004 NEMO-MR-2-2-1-1-005 NEMO-MR-2-2-1-1-006 NEMO-MR-2-2-1-1-007 NEMO-MR-2-2-1-1-009 NEMO-MR-2-2-1-1-010		Binding acknowledgement refer to 11.7.3 in section 5.1.2 of NEMO(Network Mobility) Test Profile
23		For the Binding Acknowledgement status values defined in this document, the following sections explain the Mobile Router's behavior.	(do)	-	-					Binding acknowledgement



No	RFC Section	RFC Section title Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Functional Category	Supported	review Test No.	Configurati on	Reason of TEST Priority
24	5.4.1	Implicit Mode	In Implicit mode, the Mobile Router interprets only error statuses 140 (Mobile Router Operation not permitted) and 143 (Forwarding Setup failed). The Mobile Router MUST treat Binding Acknowledgements with statuses '141' and '142' as fatal errors, since they should not be sent by the Home Agent in implicit mode.	MUST	A	A2*1		х	NEMO-MR-2-2-1-1-016 NEMO-MR-2-2-1-1-045 NEMO-MR-2-2-1-1-050	Implicit mode,DHA AD	Specific to implicit mode.
25			If the Binding Acknowledgement from the Home Agent has the status 140, the Mobile Router SHOULD send a Binding Update to another Home Agent on the same home link.	SHOULD	A	A2*1		х		Implicit mode,DHA AD	Specific to implicit mode.
26			If no Home Agent replies positively, the Mobile Router MUST refrain from sending Binding Updates with the Mobile Router Flag set to any Home Agent on the home link, and it must log the information.	MUST	A	A2*1		x		Implicit mode,DHA AD	Specific to implicit mode.
27			If the Binding Acknowledgemnet has the status 143, the Mobile Router SHOULD send a Binding Update to another Home Agent on the same home link. If no Home Agent replies positively, the Mobile Router SHOULD refrain from sending this Binding Update to any Home Agent on the home link, and MAY send Binding Updates in Explicit mode to a Home Agent on the same home link.	SHOULD/ SHOULD/ MAY	A/ A/ B	A2*1/ A2*1/ B		x		Implicit mode,DHA AD	Specific to implicit mode.



No.	RFC Section	RFC Section title Item	Functional Specification	RFC Status	Function al Rank		Functional Category	Supported	review Test No.	Configurati on	Reason of TEST Priority
28	5.4.2	Explicit Mode	If the Mobile Router sent a Binding Update to the Home Agent in explicit mode, then the Mobile Router interprets only error statuses 140 (Mobile Router Operation not permitted), 141 (Invalid Prefix), and 142 (Not Authorized for Prefix). The Mobile Router MUST treat Binding Acknowledgements with status '143' as a fatal error, since it should not sent by the Home Agent in explicit mode.	MUST	A	A2*1		x	NEMO-MR-2-2-1-1-058	Explicit mode, DHAAD	Specific to explicit mode.
29			If the Binding Acknowledgement from the Home Agent has the status 140, the Mobile Router SHOULD send a Binding Update to another Home Agent on the same home link.	SHOULD	A	A2*1		x	NEMO-MR-2-2-1-1-043 NEMO-MR-2-2-1-1-047		DHAAD specific to explicit mode
30			If no Home Agent replies positively, then the Mobile Router MUST refrain from sending Binding Updates with the Mobile Router Flag set to any Home Agent on the home link, and it must log the information.	MUST	A	A2*1		x	NEMO-MR-2-2-1-1-047	Explicit mode, DHAAD	DHAAD specific to explicit mode
31			If the Binding Acknowledgement has the status 141 or 142, the Mobile Router SHOULD send a Binding Update to another Home Agent on the same home link.	SHOULD	A	A2*1		x	NEMO-MR-2-2-1-1-048 NEMO-MR-2-2-1-1-052 NEMO-MR-2-2-1-1-053	Explicit mode, DHAAD	DHAAD specific to explicit mode



No.	FC Section tle Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Functional Category	Supported	review Test No.	Configurati on	Reason of TEST Priority
32		If no Home Agent replies positively, then the Mobile Router SHOULD refrain from sending Binding Updates to any Home Agent on the home link.	SHOULD	A	A2*1		x		Explicit mode, DHAAD	Specific to explicit mode.
33		The Mobile Router MUST also stop advertising the prefix in the Mobile Network and try to obtain new IPv6 prefix information for the Mobile Network. It would do this by the same means that it initially got assigned the current Mobile Network Prefix.	MUST	A	A2*1		х		Explicit mode, DHAAD	Specific to explicit mode.
34		Alternatively, the Mobile Router MAY send Binding Updates in Implicit mode to a Home Agent on the same home link.	MAY	В	В		x		Implicit mode/Expli cit mode,DHA AD,all	Specific to explicit mode.
35		If by the end of this Error Processing procedure, as described in sections 5.4.1 and 5.4.2, the Mobile Router has tried every available mode and still has not received a positive Binding Acknowledgement, the Mobile Router MUST stop sending Binding Updates with the Mobile Router Flag set for this Home Address and it must log the information.	MUST	A	A2*1		x	NEMO-MR-2-2-1-1-047 NEMO-MR-2-2-1-1-052 NEMO-MR-2-2-1-1-055	Implicit mode/Expli cit mode	Specific to explicit mode.
36		In all cases above, the Mobile Router MUST conclude that the Home Agent did not create a binding cache entry for the Mobile Router's Home Address.	MUST	A	A2*1		x	NEMO-MR-2-2-1-1-043 NEMO-MR-2-2-1-1-044 NEMO-MR-2-2-1-1-045 NEMO-MR-2-2-1-1-050 NEMO-MR-2-2-1-1-050 NEMO-MR-2-2-1-1-052 NEMO-MR-2-2-1-1-055 NEMO-MR-2-2-1-1-058	Implicit mode/Expli cit mode	Specific to explicit mode.



N	RFC Section	RFC Section title Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Functional Category	Supported	review Test No.	Configurati on	Reason of TEST Priority
377	5.5.	Establishment of Bi-directional Tunnel	When a successful Binding Acknowledgement is received, the Mobile Router sets up its endpoint of the bi-directional tunnel. The bi-directional tunnel between the Mobile Router and Home Agent allows packets to flow in both directions, while the Mobile Router is connected to a visited link. The bi-directional tunnel is created by merging two unidirectional tunnels, as described in RFC 2473 [3]. The tunnel from the Mobile Router to the Home Agent has the Care-of address of the Mobile Router as the tunnel entry point and the Home Agent's address as the tunnel exit point. The tunnel from the Home Agent to the Mobile Router has the Home Agent's address and the Mobile Router's Care-of address as the tunnel entry point and exit point, respectively. All IPv6 traffic to and from the Mobile Network is sent through this bi-directional tunnel.	(do)	A	A1		x		Implicit mode/Expli cit mode	Tunneling
38			A Mobile Router uses the Tunnel Hop Limit normally assigned to routers (not to hosts). Please refer to [3] for more details.	(do)	В	В		х		Tunnel Encapsulat ion Limit	Hop limit
40	5.6.	Neighbor Discovery for Mobile Router	When the Mobile Router is at home, it MAY be configured to send Router Advertisements and to reply to Router Solicitations on the interface attached to the home link.	MAY	В	В		x	NEMO-MR-1-2-1-4-004	covery,	This function does not need if MR belongs to virtual home network.



No.	FC Section tle Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Functional Category	Supported	review Test No.	Configurati on	Reason of TEST Priority
41		The value of the Router Lifetime field SHOULD be set to 0 to prevent other nodes from configuring the Mobile Router as the default router.	SHOULD	A	A2		x	NEMO-MR-1-1-1-4-002 NEMO-MR-1-1-1-4-010 NEMO-MR-1-1-1-4-011 NEMO-MR-1-2-1-4-001 NEMO-MR-1-2-1-4-002 NEMO-MR-1-2-1-4-003 NEMO-MR-1-2-1-4-004	covery,	This function does not need if MR belongs to virtual home network.
42		A Mobile Router SHOULD NOT send unsolicited Router Advertisements and SHOULD NOT reply to Router Solicitations on any egress interface when that interface is attached to a visited link.	SHOULD NOT/ SHOULD NOT	A/ A	A1/ A1		х	NEMO-MR-1-1-1-4-003 NEMO-MR-1-1-1-4-007 NEMO-MR-1-1-1-4-009 NEMO-MR-1-2-1-4-006 NEMO-MR-1-4-1-4-006 NEMO-MR-1-4-1-4-007 NEMO-MR-1-4-1-4-009 NEMO-MR-1-4-1-4-010		Home network
43		However, the Mobile Router SHOULD reply with Neighbor Advertisements to Neighbor Solicitations received on the egress interface, for addresses valid on the visited link.	SHOULD	A	A1		x	NEMO-MR-1-2-1-4-006		Neighbor solicitation
44		A router typically ignores Router Advertisements sent by other routers on a link. However, a Mobile Router MUST NOT ignore Router Advertisements received on the egress interface.	MUST NOT	A	A1		x	NEMO-MR-3-2-1-1-001 NEMO-MR-3-3-1-1-003 NEMO-MR-3-3-1-1-005 NEMO-MR-3-3-1-1-002		Router advertisement
45		The received Router Advertisements MAY be used for address configuration, default router selection or movement detection.	MAY	В	В		x			Router advertisement



No.	RFC Section	RFC Section title Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Functional Category	Supported	review Test No.	Configurati on	Reason of TEST Priority
46	5.7.	Multicast Groups for Mobile Router	When at home, the Mobile Router joins the multicast group All Routers Address with scopes 1 interface-local (on the home-advertising interface), and 2 link-local, on any of its egress interfaces.	(do)	A	A2		x	NEMO-MR-1-1-1-4-002	HomeEgres sRouterDis covery, Real HomeLink	Return to Home network Multicast
47			When in a visited network, the Mobile Router MUST NOT join the above multicast groups on the corresponding interface.	MUST NOT	A	A1			NEMO-MR-1-1-1-4-002		Multicast
48	5.8.	Returning Home	When the Mobile Router detects that it has returned to its home link, it MUST de-register with its Home Agent.	MUST	A	A2		x	NEMO-MR-2-1-3-1-007 NEMO-MR-2-1-3-1-001 NEMO-MR-2-2-2-1-027 NEMO-MR-2-2-2-1-001 NEMO-MR-4-1-1-2-004 NEMO-MR-4-1-2-2-007	Real HomeLink	Return to Home network
49			The Mobile Router MUST implement and follow the returning-home procedures defined for a mobile node in [1].	MUST	A	A2		x	NEMO-MR-2-1-3-1-001 NEMO-MR-3-4-1-1-001 NEMO-MR-3-4-1-1-002 NEMO-MR-4-1-1-2-004 NEMO-MR-4-1-2-2-007	Real	return to Home network refer to 11.5.4 in section 5.1.2 of NEMO(Network Mobility) Test Profile
50			In addition, the Mobile Router MAY start behaving as a router on its egress interface, especially as follows:	MAY	В	В		x	NEMO-MR-2-1-3-1-001	Real HomeLink	Return to Home network
51			- The Mobile Router MAY send Router Advertisements on its egress interfaces, but the router lifetime SHOULD be set to 0 so that hosts on the home link do not pick the Mobile Router as the default router.	MAY/ SHOULD	B/ A	B/ A2		x	NEMO-MR-1-2-1-4-013 NEMO-MR-1-2-1-4-014 NEMO-MR-1-2-1-4-015 NEMO-MR-1-2-1-4-016	Real HomeLink	Return to Home network
52			- The Mobile Router MAY join the All Routers Address multicast group on the home link.	MAY	В	В		x	NEMO-MR-1-2-1-4-013	Real HomeLink	Return to Home network



No.	RFC Section	RFC Section title Item	Functional Specification	RFC Status	Function al Rank	TEST Priority	Functional Category	Supported	review Test No.	Configurati on	Reason of TEST Priority
53			- The Mobile Router MAY send routing protocol messages on its egress interface if it is configured to run a dynamic routing protocol.	MAY	В	В				Real HomeLink , Dynamic Routing	Return to Home network
54			When the Mobile Router sends a de-registration Binding Update in Explicit mode, it SHOULD NOT include any Mobile Network Prefix options in the Binding Update. When the Home Agent removes a binding cache entry, it deletes all associated Mobile Network Prefix routes.	SHOULD	A	A2		x	NEMO-MR-2-1-3-1-001		Return to Home network Specific to explicit mode.

D. Johnson, C. Perkins and J. Arkko. Mobility Support in IPv6.
 RFC3775, IETF. June 2004.
 A. Conta and S. Deering. Generic Packet Tunneling in IPv6
 Specification. RFC 2473, IETF. December 1998.

^{*1} MR need to pass at least one of (1)"explicit mode and HoA (from HNP)" tests, (2)"explicit mode and HoA (from MNP)" tests, (3)"implicit mode and HoA (from HNP)" tests, or (4)"implicit mode and HoA (from HNP)" tests, (2)"explicit mode and HoA (from HNP)" tests, (3)"implicit mode and HoA (from HNP)" tests, (4)"implicit mode and HoA (from HNP)" tests, (5)"implicit mode and HoA (from HNP)" tests, (6)"implicit mode and HoA (from HNP)" tests, (7)"implicit mode and HoA (from HNP)" tests, (8)"implicit mode and HoA (from HNP)" tests, (8)"implicit mode and HoA (from HNP)" tests, (9)"implicit mode and HoA (from HNP)" tests, (9)"implicit mode and HoA (from HNP)" tests, (10)"implicit mode and HoA (from HNP)" tests



No.	RFC Section	RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
1	7	Modifications to Dynamic Home Agent Address Discovery	This document extends the Dynamic Home Agent Address Discovery (DHAAD) defined in [1] so that Mobile Routers attempt registration with Home Agents that support them.	MR HA	(do)	A	A2	x	NEMO-MR-5-1-2-1-002 NEMO-MR-5-1-2-1-016 NEMO-MR-5-1-2-1-016 NEMO-MR-5-1-2-1-016 NEMO-HA_7_1_2. NEMO-HA_7_1_4. NEMO-HA_7_1_6. NEMO-HA_7_1_6. NEMO-HA_7_1_5. NEMO-HA_7_2_1.NEMO-HA_7_2_2. NEMO-HA_7_2_1.NEMO-HA_7_2_2. NEMO-HA_7_2_1.NEMO-HA_7_2_2. NEMO-HA_7_2_3.NEMO-HA_7_2_2. NEMO-HA_7_2_3.NEMO-HA_7_2_2. NEMO-HA_7_2_1.NEMO-HA_7_2_1. NEMO-HA_7_2_1.NEMO-HA_7_2_1. NEMO-HA_7_2_1.S.NEMO-HA_7_2_1. NEMO-HA_7_2_1.S.NEMO-HA_7_2_1. NEMO-HA_7_2_1.S.NEMO-HA_7_2_1. NEMO-HA_7_2_1.S.NEMO-HA_7_2_2. NEMO-HA_7_2_1.S.NEMO-HA_7_2_2. NEMO-HA_7_2_1.S.NEMO-HA_7_2_2. NEMO-HA_7_3_1.NEMO-HA_7_6_2. NEMO-HA_7_6_3.NEMO-HA_7_6_6. NEMO-HA_7_6_5.NEMO-HA_7_6_6. NEMO-HA_7_6_7.NEMO-HA_7_6_8. NEMO-HA_7_6_7.NEMO-HA_7_6_8. NEMO-HA_7_6_7.NEMO-HA_7_6_6.	DHAAD Virtual Home Link, DHAAD Real Home link, DHAAD	DHAAD refer to 10.5 and 11.4 in section 5.1.2 of NEMO(Network Mobility) Test Profile
2		Modified Dynamic Home Agent Address Discovery Request	A new flag (R) (Support for Mobile Routers) is introduced in the DHAAD request message, defined in [1]. The Mobile Router sets this flag to indicate that it wants to discover Home Agents that supporting Mobile Routers.	MR	(do)	A	A2	х	NEMO-MR-5-1-1-1-001 NEMO-MR-5-1-1-1-005 NEMO-MR-5-1-1-1-006	DHAAD	DHAAD
3		-	0 1 2 3 3 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7	MR	(do)	A	A2				DHAAD
4		Modified Dynamic Home	A new flag (R) (Support for Mobile Routers) is introduced in the DHAAD reply message, defined in [1].– If a Home Agent receives a	НА	MUST	A	A2	х	NEMO-HA_7_1_2,NEMO-HA_7_1_4,	Virtual Home Link, DHAAD	DHAAD



		Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Priority
	title Item		nodes	Status	al Rank	Priority	ed			
	Agent Address Discovery Reply	Dynamic Home Agent Discovery request message with the Mobile Router Support Flag set, it MUST reply with a list of Home Agents supporting Mobile Routers.						NEMO-HA_7_1_1.NEMO-HA_7_1_3, NEMO-HA_7_2_1.NEMO-HA_7_2_2, NEMO-HA_7_2_3.NEMO-HA_7_2_6, NEMO-HA_7_2_5.NEMO-HA_7_2_6, NEMO-HA_7_2_7.NEMO-HA_7_2_10, NEMO-HA_7_2_9.NEMO-HA_7_2_10, NEMO-HA_7_2_11,NEMO-HA_7_2_12, NEMO-HA_7_2_13.NEMO-HA_7_2_14, NEMO-HA_7_2_13.NEMO-HA_7_2_14, NEMO-HA_7_2_15,	Real Home link, DHAAD	
								NEMO-HA_7_3_1, NEMO-HA_7_3_2, NEMO-HA_7_4_1, NEMO-HA_7_4_2, NEMO-HA_7_5_1, NEMO-HA_7_6_1, NEMO-HA_7_6_2, NEMO-HA_7_6_3, NEMO-HA_7_6_6, NEMO-HA_7_6_7, NEMO-HA_7_6_6, NEMO-HA_7_6_7, NEMO-HA_7_6_8, NEMO-HA_7_6_9, NEMO-HA_7_6_10		
5		The Mobile Router Support Flag MUST be set if there is at least one Home Agent that supporting Mobile Routers.	HA	MUST	A	A2	х	NEMO-HA_7_1_2,NEMO-HA_7_1_4,	Virtual Home Link, DHAAD	DHAAD
		is at reast one from Figure that supporting mobile moders.							Real Home link, DHAAD	
								NEMO-HA_7_3_1, NEMO-HA_7_3_2, NEMO-HA_7_4_1, NEMO-HA_7_4_2, NEMO-HA_7_5_1, NEMO-HA_7_6_2, NEMO-HA_7_6_1, NEMO-HA_7_6_6, NEMO-HA_7_6_5, NEMO-HA_7_6_6, NEMO-HA_7_6_5, NEMO-HA_7_6_6, NEMO-HA_7_6_7, NEMO-HA_7_6_8, NEMO-HA_7_6_7, NEMO-HA_7_6_6,		
6		If none of the Home Agents support Mobile Routers, the Home Agent MAY reply	HA	MAY	В	В	х	NEMO-HA_7_1_6,	Virtual Home Link, DHAAD	DHAAD
		with a list of Home Agents that only support Mobile IPv6 Mobile Nodes.							Real Home link, DHAAD	



No.	RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
								NEMO-HA_7_3_1.NEMO-HA_7_3_2. NEMO-HA_7_4_1.NEMO-HA_7_4_2. NEMO-HA_7_6_1.NEMO-HA_7_6_2. NEMO-HA_7_6_3.NEMO-HA_7_6_6. NEMO-HA_7_6_5.NEMO-HA_7_6_6. NEMO-HA_7_6_7.NEMO-HA_7_6_6. NEMO-HA_7_6_9.NEMO-HA_7_6_10.		
7		In this case, the Mobile Router Support Flag MUST be set to 0.	HA	MUST	A	A2	х	NEMO-HA_7_1_6,	Virtual Home Link, DHAAD	DHAAD
								NEMO-HA, 7, 1, 5, NEMO-HA, 7, 2, 1, NEMO-HA, 7, 2, 2, NEMO-HA, 7, 2, 3, NEMO-HA, 7, 2, 4, NEMO-HA, 7, 2, 5, NEMO-HA, 7, 2, 6, NEMO-HA, 7, 2, 7, NEMO-HA, 7, 2, 10, NEMO-HA, 7, 2, 11, NEMO-HA, 7, 2, 11, NEMO-HA, 7, 2, 11, NEMO-HA, 7, 2, 12, NEMO-HA, 7, 2, 11, NEMO-HA, 7, 2, 12, NEMO-HA, 7, 2, 13, NEMO-HA, 7, 2, 14, NEMO-HA, 7, 2, 15, NEMO-HA, 7, 2, 14,	Real Home link, DHAAD	
								NEMO-HA_7_3_1.NEMO-HA_7_3_2. NEMO-HA_7_4_1.NEMO-HA_7_4_2. NEMO-HA_7_5_1. NEMO-HA_7_6_1.NEMO-HA_7_6_2. NEMO-HA_7_6_3.NEMO-HA_7_6_6. NEMO-HA_7_6_5.NEMO-HA_7_6_8. NEMO-HA_7_6_7.NEMO-HA_7_6_8. NEMO-HA_7_6_9.NEMO-HA_7_6_10		
8		The modified message format is as follows.	HA	(do)	A	A2	х	NEMO-HA_7_1_2,NEMO-HA_7_1_4, NEMO-HA_7_1_6,	Virtual Home Link, DHAAD	DHAAD
		0 1 2 3 3 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1								



No.		Section I Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
			For a description of the other fields in the message, see [1].						NEMO-HA, 7, 1, 1, NEMO-HA, 7, 1, 3, NEMO-HA, 7, 1, 1, 5, NEMO-HA, 7, 2, 1, NEMO-HA, 7, 2, 2, NEMO-HA, 7, 2, 2, NEMO-HA, 7, 2, 2, NEMO-HA, 7, 2, 2, NEMO-HA, 7, 2, 1, NEMO-HA, 7, 2, 12, NEMO-HA, 7, 2, 13, NEMO-HA, 7, 4, 1, NEMO-HA, 7, 4, 2, NEMO-HA, 7, 4, 1, NEMO-HA, 7, 6, 2, NEMO-HA, 7, 6, 1, NEMO-HA, 7, 6, 2, NEMO-HA, 7, 6, 3, NEMO-HA, 7, 6, 8, NEMO-HA, 7, 6, 7, NEMO-HA, 7, 6, 9, NEMO-HA, 7, 6, 10	Real Home link, DHAAD	
9	Agen	rmation	A new flag (R) (Support for Mobile Routers) is introduced in the Home Agent Information Option defined in [1]. If a Home Agent supports Mobile Routers, it SHOULD set the flag.	НА	SHOULD	A	A2		NEMO-HA_7_1_1.NEMO-HA_7_1_3, NEMO-HA_7_1_5, NEMO-HA_7_2_1.NEMO-HA_7_2_2, NEMO-HA_7_2_3.NEMO-HA_7_2_4, NEMO-HA_7_2_5.NEMO-HA_7_2_6, NEMO-HA_7_2_7.NEMO-HA_7_2_8, NEMO-HA_7_2_9.NEMO-HA_7_2_10, NEMO-HA_7_2_11.NEMO-HA_7_2_12, NEMO-HA_7_2_13.NEMO-HA_7_2_14, NEMO-HA_7_2_15.NEMO-HA_7_2_14, NEMO-HA_7_2_15.	Real Home link, DHAAD	Router advertisement
									NEMO-HA_7_3_1, NEMO-HA_7_3_2, NEMO-HA_7_4_1, NEMO-HA_7_4_2, NEMO-HA_7_5_1, NEMO-HA_7_6_1, NEMO-HA_7_6_2, NEMO-HA_7_6_3, NEMO-HA_7_6_6, NEMO-HA_7_6_5, NEMO-HA_7_6_6, NEMO-HA_7_6_7, NEMO-HA_7_6_8, NEMO-HA_7_6_9, NEMO-HA_7_6_10		
10			0 1 2 3 01234567890123456789012345678901 +	НА	(do)	A	A2		NEMO-HA_7_1_1, NEMO-HA_7_1_3, NEMO-HA_7_1_5, NEMO-HA_7_2_1, NEMO-HA_7_2_2, NEMO-HA_7_2_3, NEMO-HA_7_2_4, NEMO-HA_7_2_5, NEMO-HA_7_2_8, NEMO-HA_7_2_7, NEMO-HA_7_2_10, NEMO-HA_7_2_11, NEMO-HA_7_2_10, NEMO-HA_7_2_11, NEMO-HA_7_2_12, NEMO-HA_7_2_13, NEMO-HA_7_2_12, NEMO-HA_7_2_13, NEMO-HA_7_2_14, NEMO-HA_7_2_15,	Real Home link, DHAAD	Home agent information option



No.	RFC Section	RFC Section	Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Priority
		title Item		nodes	Status	al Rank	Priority	ed			
			Mobile Router Support Flag (R) A one-bit flag that when set indicates that the Home Agent supports Mobile Routers. For a description of the other fields in the message, see [1].						NEMO HA, 7, 3, 1, NEMO-HA, 7, 3, 2, NEMO HA, 7, 4, 1, NEMO-HA, 7, 4, 2, NEMO HA, 7, 5, 1, NEMO HA, 7, 6, 1, NEMO HA, 7, 6, 2, NEMO HA, 7, 6, 3, NEMO HA, 7, 6, 4, NEMO HA, 7, 6, 5, NEMO HA, 7, 6, 6, NEMO HA, 7, 6, 7, NEMO HA, 7, 6, 8, NEMO HA, 7, 6, 7, NEMO HA, 7, 6, 1, NEMO HA, 7, 6, 7, NEMO HA, 7, 6, 1, NEMO HA, 7, 6, 7, NEMO HA, 7, 6, 1,		
11	8	Support for Dynamic Routing Protocols	In the solution described so far, forwarding to the mobile network at the Home Agent is set up when the Home Agent receives a Binding Update from the Mobile Router. An alternative to this is for the Home Agent and the Mobile Router to run an intra-domain routing protocol such as RIPng [12] and OSPF [13] through the bi-directional tunnel. The Mobile Router can continue running the same routing protocol that it ran when attached to the home link.	MR	(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
12			Support for running a intra-domain routing protocol is optional and is governed by the configuration on the Mobile Router and the Home Agent.	MR	(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing
				НА	(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing
13			This feature is very useful when the Mobile Network is large with multiple subnets containing different IPv6 prefixes. Routing changes in the Mobile Network are quickly propagated to the Home Agent. Routing changes in the home link are quickly propagated to the Mobile Router.	MR	(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
				НА	(do)	В	В			DRP	This function is implementation-dependent. It does not effect on interoperability. *Dynamic routing protocol



No.	RFC Section RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
14		When the Mobile Router is attached to the home link, it runs a routing protocol by sending routing updates through its egress interface.	MR	(do)	A	A2			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
15		When the Mobile Router moves and attaches to a visited network, it should stop sending routing updates on the interface by which it attaches to the visited link. This reduces the chances that prefixes specific to the Mobile Network will be leaked to the visited network if routing protocol authentication is not enabled in the visited network and in the Mobile Network. It is expected that normal deployment practices will include proper authentication mechanisms to prevent unauthorized route announcements on both the home and visited networks.	MR	shoulod	A	A2			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
16		The Mobile Router then starts sending routing protocol messages through the bi-directional tunnel towards the Home Agent. Most routing protocols use link-local addresses as source addresses for the routing information messages. The Mobile Router is allowed to use link-local addresses for the inner IPv6 header of an encapsulated packet. But these MUST NOT be forwarded to another link by either the Mobile Router or the Home Agent.	MR	MUST NOT	A	A2			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
17		When the Home Agent receives the inner packet, it processes the encapsulated routing protocol messages and updates its routing table accordingly. As part of normal routing protocol operation, the next hop information in these routing entries is filled with the Mobile Router's link local address with the outgoing interface set to the bi-directional tunnel.	НА	(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
18		Similary, the Home Agent also sends routing updates through the bi- directional tunnel to the Mobile Router. The Mobile Router processes these routing protocol messages and updates its routing table. For all routes advertised by the Home Agent, the Mobile Router sets the outgoing interface to the bi-directional tunnel to the Home Agent.		(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol



No.	RFC Section	RFC Section	Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Priority
1 101		title Item	and one of the contraction	nodes	Status	al Rank		ed	16501161		Treated to 125111101119
				НА	(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
19			When the Mobile Router and the Home Agent exchange routes through a dynamic routing protocol, the Mobile Router SHOULD NOT include Mobile Network Prefixes in the Binding Update to the Home Agent. The Home Agent Depending on its configuration, the Home Agent might not add routes based on the prefix information in the Binding Updates at all, and might use only the routing protocol updates. Moreover, including prefix information in both the Binding Updates and the routing protocol updates is redundant.	MR	SHOULD NOT	A	A2			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
20			As the routing protocol messages from the Home Agent to the Mobile Router could potentially contain information about the internal routing structure of the home network, these messages require authentication and confidentiality protection. Appropriate authentication and confidentiality protection mechanisms, defined in [14], MUST be used. For protecting routing protocol messages by using IPsec ESP [4], the bi-directional tunnel between the Mobile Router and the Home Agent should be treated as the outgoing interface, with the Home Agent's and Mobile Router's addresses as source and destination addresses for the inner encapsulated messages.		MUST	A	A2			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
21			If a link state routing protocol such as OSPFv3 is run by the Mobile Router and the Home Agent, the recommendations in Appendix B should be followed.	НА	(do)	В	В			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
22	9	Security Considerations	All signaling messages between the Mobile Router and the Home Agent MUST be authenticated by IPsec [8]. The use of IPsec to protect Mobile IPv6 signaling messages is described in detail in the HA-MN IPsec specification [2]. The signaling messages described in this	MR	MUST	A	A1	х	NEMO-MR-1-1-2-1-001 NEMO-MR-2-1-1-1-001 NEMO-MR-2-2-1-1-001 NEMO-MR-4-1-1-1-002 NEMO-MR-4-2-1-1-001		IPsec



No.	RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
		document extend Mobile IPv6 messages and do not require any changes to what is described in [2].	НА	Status	ai Kalik	A1	х	NEMO-HA. 2, 1, 5, NEMO-HA. 2, 1, 7, NEMO-HA. 2, 1, 8, NEMO-HA. 2, 2, 4, NEMO-HA. 2, 2, 5, NEMO-HA. 2, 2, 6, NEMO-HA. 2, 2, 8, NEMO-HA. 2, 2, 11, NEMO-HA. 2, 2, 12, NEMO-HA. 2, 2, 14, NEMO-HA. 2, 5, 3, NEMO-HA. 2, 5, 8, NEMO-HA. 2, 5, 7, NEMO-HA. 2, 5, 8, NEMO-HA. 2, 6, 7, NEMO-HA. 2, 6, 8, NEMO-HA. 2, 6, 9, NEMO-HA. 2, 6, 10, NEMO-HA. 2, 6, 11, NEMO-HA. 2, 6, 11, NEMO-HA. 2, 6, 11, NEMO-HA. 2, 6, 12,	Virtual Home link	
								NEMO-HA_2_7_3.NEMO-HA_2_7_4. NEMO-HA_2_7_8.NEMO-HA_2_7_8. NEMO-HA_2_8_7.NEMO-HA_2_8_18. NEMO-HA_2_8_18_9.NEMO-HA_2_8_12. NEMO-HA_2_8_11.NEMO-HA_2_8_12. NEMO-HA_2_9_11.NEMO-HA_2_9_14. NEMO-HA_2_9_15. NEMO-HA_2_9_15. NEMO-HA_2_10_7.NEMO-HA_2_10_10. NEMO-HA_2_10_10_9.NEMO-HA_2_10_10. NEMO-HA_2_10_11.NEMO-HA_2_10_12. NEMO-HA_2_10_11.NEMO-HA_2_10_11. NEMO-HA_2_11_11.NEMO-HA_2_11_11. NEMO-HA_2_11_11.NEMO-HA_2_11_11. NEMO-HA_2_11_11.NEMO-HA_2_11_14. NEMO-HA_2_11_15.NEMO-HA_2_11_16.		
								NEMO-HA_3_1_11.NEMO-HA_3_1_12, NEMO-HA_3_2_11.NEMO-HA_3_2_12, NEMO-HA_3_4_18.NEMO-HA_3_4_17, NEMO-HA_3_4_18.NEMO-HA_3_4_19, NEMO-HA_3_4_20, NEMO-HA_5_1_5.NEMO-HA_5_1_6, NEMO-HA_5_1_5.T.7, NEMO-HA_5_2_5.ENEMO-HA_5_2_6,		
								NEMO-HA, 5, 2, 7, NEMO-HA, 5, 2, 8, NEMO-HA, 5, 3, 9, NEMO-HA, 5, 3, 10, NEMO-HA, 5, 3, 12, NEMO-HA, 5, 4, 3, NEMO-HA, 5, 4, 4, NEMO-HA, 5, 4, 12, NEMO-HA, 5, 4, 13, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 4, 15, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 4, 17, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 5, 6, NEMO-HA, 5, 5, 4, NEMO-HA, 5, 5, 6,		
								NEMO-HA_6_1_3, NEMO-HA_6_1_4, NEMO-HA_6_4_5, NEMO-HA_6_4_6, NEMO-HA_6_4_7, NEMO-HA_6_5_6, NEMO-HA_6_5_5, 5, NEMO-HA_6_5_6, NEMO-HA_6_6_5_7, NEMO-HA_6_5_8, NEMO-HA_6_6_3, NEMO-HA_6_6_4, NEMO-HA_6_6_1, NEMO-HA_6_6_13, NEMO-HA_6_6_16, NEMO-HA_6_6_17, NEMO-HA_6_6_16, NEMO-HA_6_6_17, NEMO-HA_6_6_18, NEMO-HA_6_7_7, NEMO-HA_6_7_4, NEMO-HA_6_7_7, NEMO-HA_6_7_8,		



No.	RFC Section	RFC Section	Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Priority
		title Item		nodes	Status	al Rank	Priority	ed			
									NEMO-HA. 9.1. 17. NEMO-HA. 9.1. 18. NEMO-HA. 9.1. 19. NEMO-HA. 9.1. 20. NEMO-HA. 9.1. 21. NEMO-HA. 9.1. 22. NEMO-HA. 9.1. 23. NEMO-HA. 9.1. 24. NEMO-HA. 9.1. 23. NEMO-HA. 9.1. 26. NEMO-HA. 9.1. 27. NEMO-HA. 9.1. 28. NEMO-HA. 9.1. 29. NEMO-HA. 9.1. 30. NEMO-HA. 9.1. 21. NEMO-HA. 9.1. 32.		
							A2		NEMO-HA_8_1_2.NEMO-HA_8_1_4. NEMO-HA_8_1_8.NEMO-HA_8_1_16. NEMO-HA_9_2_15.NEMO-HA_9_2_16. NEMO-HA_9_2_17.NEMO-HA_9_2_18. NEMO-HA_9_2_19.NEMO-HA_9_2_20. NEMO-HA_9_2_21.NEMO-HA_9_2_22. NEMO-HA_9_2_21.NEMO-HA_9_2_22. NEMO-HA_9_2_23.NEMO-HA_9_2_24. NEMO-HA_9_2_25.NEMO-HA_9_2_26. NEMO-HA_9_2_27.NEMO-HA_9_2_28.	Virtual Home link, IKE Virtual Home link, MPS/MPA Virtual Home link, Nested mobility(Same HA)	
									NEMO-HA_1_1,5,NEMO-HA_1_1_6, NEMO-HA_1_1_7, NEMO-HA_2_1_1,NEMO-HA_2_1_2, NEMO-HA_2_1_3,NEMO-HA_2_1_4, NEMO-HA_2_1_3,NEMO-HA_2_1_9, NEMO-HA_2_1_1,6,NEMO-HA_2_1_9, NEMO-HA_2_1_14,NEMO-HA_2_1_15, NEMO-HA_2_2_1,NEMO-HA_2_2_2, NEMO-HA_2_2_3,NEMO-HA_2_2_10, NEMO-HA_2_2_3,NEMO-HA_2_2_10, NEMO-HA_2_2_3,NEMO-HA_2_3_2, NEMO-HA_2_3_1,NEMO-HA_2_3_2, NEMO-HA_2_3_3,NEMO-HA_2_3_3_4, NEMO-HA_2_4_1,NEMO-HA_2_4_2, NEMO-HA_2_4_3,NEMO-HA_2_4_4, NEMO-HA_2_4_5,NEMO-HA_2_4_4, NEMO-HA_2_4_5,NEMO-HA_2_4_4, NEMO-HA_2_4_5,NEMO-HA_2_4_4,	Real Home link	
									NEMO-HA_2_5_1, NEMO-HA_2_5_2, NEMO-HA_2_5_1, NEMO-HA_2_5_2, NEMO-HA_2_6_1, NEMO-HA_2_6_2, NEMO-HA_2_6_3, NEMO-HA_2_6_6, NEMO-HA_2_6_5, NEMO-HA_2_6_6, NEMO-HA_2_7_1, NEMO-HA_2_7_6, NEMO-HA_2_7_5, NEMO-HA_2_7_6, NEMO-HA_2_8_1, NEMO-HA_2_8_2, NEMO-HA_2_8_3, NEMO-HA_2_8_6, NEMO-HA_2_8_3, NEMO-HA_2_8_6,		



lo.	RFC Section	Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Prior
	title Item		nodes	Status	al Rank	Priority	ed			
								NEMO-HA. 2. 9. 1.NEMO-HA. 2. 9. 2. NEMO-HA. 2. 9. 5.NEMO-HA. 2. 9. 4. NEMO-HA. 2. 9. 5. NEMO-HA. 2. 10. 1.NEMO-HA. 2. 10. 4. NEMO-HA. 2. 10. 3.NEMO-HA. 2. 10. 6. NEMO-HA. 2. 11. 5.NEMO-HA. 2. 11. 2. NEMO-HA. 2. 11. 1.NEMO-HA. 2. 11. 2. NEMO-HA. 2. 11. 3.NEMO-HA. 2. 11. 4. NEMO-HA. 2. 11. 3.NEMO-HA. 2. 11. 4. NEMO-HA. 2. 11. 5.NEMO-HA. 2. 11. 4.		
								NEMO-HA_2_11_8, NEMO-HA_2_11_9, NEMO-HA_2_12_1.NEMO-HA_2_12_3, NEMO-HA_2_12_1.NEMO-HA_2_12_3,		
								NEMO-HA, 3, 1, 3, NEMO-HA, 3, 1, 4, NEMO-HA, 3, 1, 5, NEMO-HA, 3, 1, 6, NEMO-HA, 3, 1, 6, NEMO-HA, 3, 1, 10, NEMO-HA, 3, 1, 10, NEMO-HA, 3, 1, 9, NEMO-HA, 3, 1, 10, NEMO-HA, 3, 2, 1, NEMO-HA, 3, 2, 3, NEMO-HA, 3, 2, 4, NEMO-HA, 3, 2, 5, NEMO-HA, 3, 2, 6, NEMO-HA, 3, 2, 7, NEMO-HA, 3, 2, 6, NEMO-HA, 3, 2, 9, NEMO-HA, 3, 2, 10, NEMO-HA, 3,		
								NEMO-HA, 3, 3, 1. NEMO-HA, 3, 3, 2, NEMO-HA, 3, 3, 3, NEMO-HA, 3, 3, 4, NEMO-HA, 3, 3, 5, NEMO-HA, 3, 3, 6, NEMO-HA, 3, 3, 7, NEMO-HA, 3, 3, 8, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 1, NEMO-HA, 3, 4, 4, NEMO-HA, 3, 4, 5, NEMO-HA, 3, 4, 5, NEMO-HA, 3, 4, 6, NEMO-HA, 3, 4, 7, NEMO-HA, 3, 4, 10, NEMO-HA, 3, 4, 11, NEMO-HA, 3, 4, 13, NEMO-HA, 3, 4, 14, NEMO-HA, 3, 4, 15, NEMO-HA, 3, 15, NEMO-HA, 3, 15, NEMO-HA, 3, 15, NEMO-HA, 3, 15, NE		
								NEMO-HA, 4, 1, 1, NEMO-HA, 4, 1, 2, NEMO-HA, 4, 1, 3, NEMO-HA, 4, 2, 1, NEMO-HA, 4, 2, 2, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 4, NEMO-HA, 4, 2, 5, NEMO-HA, 4, 2, 6, NEMO-HA, 4, 2, 7, NEMO-HA, 4, 2, 10, NEMO-HA, 4, 2, 9, NEMO-HA, 4, 2, 10, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 10, NEMO-HA, 4, 2, 11, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 13, NEMO-HA, 4, 2, 14, NEMO-HA, 4, 2, 15, NEMO-HA, 4, 2, 16,		
								NEMO-HA_4_3_1, NEMO-HA_4_3_2, NEMO-HA_4_3_3, NEMO-HA_4_3_4, NEMO-HA_4_3_5, NEMO-HA_4_3_6, NEMO-HA_4_3_7, NEMO-HA_4_3_8, NEMO-HA_4_3_9, NEMO-HA_4_3_10, NEMO-HA_4_3_11, NEMO-HA_4_3_12, NEMO-HA_4_3_13, NEMO-HA_4_3_14, NEMO-HA_4_3_13, NEMO-HA_4_3_16,		



### Status A Rank Priority ed	No. RFC Section RFC Sect	n Functional Specification	target	t RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Priority
NIMBO HA, 4, 1, NIMO HA, 4, 1, 1 NIMBO HA, 4, 1, 1, NIMO HA, 4, 1, 1 NIMBO HA, 4, 1, 1, NIMO HA, 4, 1, 1 NIMBO HA, 4, 1, 1, NIMO HA, 4, 1, 1 NIMBO HA, 4, 1, 1, NIMO HA, 4, 1, 1, 1 NIMBO HA, 4, 1, NIMO HA, 3, 1, 1 NIMBO HA, 4, 1, 1, NIMO HA, 3, 1, 2 NIMBO HA, 4, 1, 1, NIMO HA, 3, 1, 2 NIMBO HA, 3, 1, NIMO HA, 3, 1, 4 NIMBO HA, 3, 1, NIMO HA, 3, 1, 4 NIMBO HA, 3, 1, NIMO HA, 3, 3, 4 NIMBO HA, 3, 1, NIMO HA, 3, 3, 4 NIMBO HA, 3, 1, NIMO HA, 3, 3, 4 NIMBO HA, 3, 1, NIMO HA, 3, 3, 4 NIMBO HA, 4, 1, NIMO HA, 3, 4, 2 NIMBO HA, 4, 1, NIMO HA, 3, 4, 2 NIMBO HA, 4, 1, NIMO HA, 3, 4, 8 NIMBO HA, 4, 1, NIMO HA, 3, 4, 8 NIMBO HA, 4, 1, NIMO HA, 3, 4, 8 NIMBO HA, 4, 1, NIMO HA, 3, 5, 3 NIMBO HA, 4, 1, NIMO HA, 3, 5, 3 NIMBO HA, 4, 1, NIMO HA, 4, 1, 2 NIMBO HA, 5, 1, NIMO HA, 5, 2, 2 NIMBO HA, 5, 1, NIMO HA, 5, 2, 2 NIMBO HA, 5, 1, NIMO HA, 5, 2, 2 NIMBO HA, 6, 1, NIMO HA, 5, 2, 2 NIMBO HA, 6, 1, NIMO HA, 6, 2, 2 NIMBO HA, 6, 1, NIMO HA, 6, 2, 2 NIMBO HA, 6, 3, NIMO HA, 6, 4, 2 NIMBO HA, 6, 3, NIMO HA, 6, 4, 2 NIMBO HA, 6, 3, NIMO HA, 6, 4, 2 NIMBO HA, 6, 3, NIMO HA, 6, 6, 8 NIMBO HA, 6, 3, NIMO HA, 6, 6, 8 NIMBO HA, 6, 5, NIMO HA, 6, 6, 8 NIMBO HA, 6, 5, NIMO HA, 6, 6, 8 NIMBO HA, 6, 5, NIMO HA, 6, 6, 8 NIMBO HA, 6, 7, 3, NIMO HA, 6, 7, 3, 3	title Item									·
NEMO-HA_9_1_3.NEMO-HA_9_1_4. NEMO-HA_9_1_5.NEMO-HA_9_1_6. NEMO-HA_9_1_5.NEMO-HA_9_1_6. NEMO-HA_9_1_7.NEMO-HA_9_1_10. NEMO-HA_9_1_1.NEMO-HA_9_1_10. NEMO-HA_9_1_11.NEMO-HA_9_1_12. NEMO-HA_9_1_11.SEMO-HA_9_1_14. NEMO-HA_9_1_13.SEMED-HA_9_1_16.		Functional Specification	target nodes		Function al Rank	TEST Priority		NEMO-HA, 4, 4, 1, NEMO-HA, 4, 4, 2, NEMO-HA, 4, 4, 3, NEMO-HA, 4, 4, 6, NEMO-HA, 4, 4, 5, NEMO-HA, 4, 4, 6, NEMO-HA, 4, 4, 7, NEMO-HA, 4, 4, 8, NEMO-HA, 4, 4, 7, NEMO-HA, 4, 4, 8, NEMO-HA, 4, 4, 7, NEMO-HA, 4, 4, 13, NEMO-HA, 4, 4, 13, NEMO-HA, 4, 4, 13, NEMO-HA, 5, 1, 4, NEMO-HA, 5, 1, 14, NEMO-HA, 5, 3, 15, NEMO-HA, 5, 3, 16, NEMO-HA, 5, 3, 16, NEMO-HA, 5, 3, 16, NEMO-HA, 5, 3, 16, NEMO-HA, 5, 4, 16, NEMO-HA, 5, 4, 17, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 4, 17, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 4, 18, NEMO-HA, 5, 18, NEMO-HA, 5, 11, NEMO-HA, 5, 11, NEMO-HA, 5, 11, NEMO-HA, 5, 11, NEMO-HA, 6, 11, NEMO-HA, 9, 111, NEMO-HA, 9, 114, NEMO-HA, 9, 114, NEMO-HA, 9, 114, NEMO-HA, 9	Configuration	Reason of TEST Priority



No.	RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
23		The Mobile Router has to perform ingress filtering on packets received from the mobile network to ensure that nodes in the Mobile Network do not use the bi-directional tunnel to launch IP spoofing attacks. In particular, the Mobile Router SHOULD check that the IP source address in the packets received Prefix and are not the same as one of the addresses used by the Mobile Router. If the Mobile Router receives a IP-in-IP tunneled packet from a node in the Mobile Network, and it has to forward the decapsulated packet, it SHOULD perform the above mentioned checks on the source address of the inner packet.	MR	SHOULD	A	A1	x	NEMO-MR-2-2-1-4-006 NEMO-MR-2-2-1-4-013 NEMO-MR-2-2-1-4-014 NEMO-MR-2-2-1-4-015 NEMO-MR-2-2-1-4-016 NEMO-MR-2-2-1-4-017 NEMO-MR-2-2-1-4-018		Ingress filtering
24			MR	SHOULD	A	A1	х	NEMO-MR-2-2-1-4-006 NEMO-MR-2-2-1-4-013 NEMO-MR-2-2-1-4-014 NEMO-MR-2-2-1-4-015 NEMO-MR-2-2-1-4-016 NEMO-MR-2-2-1-4-017 NEMO-MR-2-2-1-4-018		Ingress filtering
25		The Home Agent has to verify that packets received through the bidirectional tunnel belong to the mobile network. This check is necessary to prevent nodes from using the Home Agent to launch attacks that would have otherwise been prevented by ingress filtering. The source address of the outer IPv6 header MUST be set to the Mobile Router's current Care-of address. The source address of the inner IPv6 header MUST be topologically correct with respect to the IPv6 prefixes used in the Mobile Network.	НА	MUST	A	A1	x	NEMO-HA_6_1_3, NEMO-HA_6_1_4, NEMO-HA_6_4_5, NEMO-HA_6_4_6, NEMO-HA_6_4_8, NEMO-HA_6_6_4, NEMO-HA_6_6_12, NEMO-HA_6_6_4, NEMO-HA_6_6_12, NEMO-HA_6_6_13, NEMO-HA_6_6_18, NEMO-HA_6_6_18, NEMO-HA_6_6_18, NEMO-HA_6_6_18, NEMO-HA_6_6_18, NEMO-HA_9_1_17, NEMO-HA_9_1_18, NEMO-HA_9_1_17, NEMO-HA_9_1_20, NEMO-HA_9_1_21, Z1, NEMO-HA_9_1_22, NEMO-HA_9_1_22, NEMO-HA_9_1_24, NEMO-HA_9_1_25, NEMO-HA_9_1_28, NEMO-HA_9_1_25, NEMO-HA_9_1_28, NEMO-HA_9_1_27, NEMO-HA_9_1_28, NEMO-HA_9_1_27, NEMO-HA_9_1_28, NEMO-HA_9_1_28, NEMO-HA_9_1_30, NEMO-HA_9_1_28, NEMO-HA_9_1_30, NEMO-HA_9_1_21, NEMO-HA_9_1_30, NEMO-HA_9_1_31, NEMO-HA_9_1_32,	Virtual Home link	reversed tunneling, ingress filtering check
						A2	х	NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 19, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 22, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 25, NEMO-HA, 9, 2, 26, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28,	Virtual Home link, Network mobility(same HA)	



RFC Section RFC Section	Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Priority
title Item		nodes	Status			ed			
							NEMO-HA_6_6_7,NEMO-HA_6_6_8, NEMO-HA_6_6_9,NEMO-HA_6_6_10,	Real Home link	
							NEMO-HA_9_1_3, NEMO-HA_9_1_4, NEMO-HA_9_1_5, NEMO-HA_9_1_6, NEMO-HA_9_1_7, NEMO-HA_9_1_8, NEMO-HA_9_1_9, NEMO-HA_9_1_10, NEMO-HA_9_1_11, NEMO-HA_9_1_12, NEMO-HA_9_1_13, NEMO-HA_9_1_14,		
							NEMO-HA_9_2_3, NEMO-HA_9_2_4, NEMO-HA_9_2_5, NEMO-HA_9_2_6, NEMO-HA_9_2_7, NEMO-HA_9_2_8, NEMO-HA_9_2_9, NEMO-HA_9_2_10, NEMO-HA_9_2_11, NEMO-HA_9_2_12,	Real Home link, Network mobility(same HA)	
		НА	MUST	A	A1		NEMO-HA_6_6_14,NEMO-HA_6_6_15, NEMO-HA_6_6_16,NEMO-HA_6_6_17,	Virtual Home link	reversed tunneling, ingress filtering check
							NEMO-HA_9_1_19,NEMO-HA_9_1_20, NEMO-HA_9_1_21,NEMO-HA_9_1_22, NEMO-HA_9_1_23,NEMO-HA_9_1_24, NEMO-HA_9_1_25,NEMO-HA_9_1_28, NEMO-HA_9_1_29,NEMO-HA_9_1_30,		
					A2	х	NEMO-HA, 9, 2, 15, NEMO-HA, 9, 2, 16, NEMO-HA, 9, 2, 17, NEMO-HA, 9, 2, 28, NEMO-HA, 9, 2, 19, NEMO-HA, 9, 2, 20, NEMO-HA, 9, 2, 21, NEMO-HA, 9, 2, 22, NEMO-HA, 9, 2, 23, NEMO-HA, 9, 2, 24, NEMO-HA, 9, 2, 25, NEMO-HA, 9, 2, 26, NEMO-HA, 9, 2, 27, NEMO-HA, 9, 2, 28,	Virtual Home link, Network mobility(same HA)	
							NEMO-HA_6_4_1, NEMO-HA_6_4_2, NEMO-HA_6_6_1, NEMO-HA_6_6_2, NEMO-HA_6_6_5, NEMO-HA_6_6_6, NEMO-HA_6_6_7, NEMO-HA_6_6_8, NEMO-HA_6_6_9, NEMO-HA_6_6_8,	Real Home link	
	RFC Section title Item		title Item nodes	title Item nodes Status Status	title Item nodes Status al Rank	title Item HA MUST A A1 A1 A1 A1 A1 A1 A1 A1 A1	ttle Item HA MUST A2 A2 A2 A2 A2 A2 A2 A2 A2 A	### HA MUST A A 1 X SENDING 1, 1 MONTH A 1 X SENDING 1, 1 MONTH A 1, 1	Title Item



No.	RFC Section	Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Priority
	title Item		nodes	Status	al Rank		ed			
								NEMO-HA_9_1_1, NEMO-HA_9_1_2, NEMO-HA_9_1_3, NEMO-HA_9_1_4, NEMO-HA_9_1_5, NEMO-HA_9_1_6, NEMO-HA_9_1_7, NEMO-HA_9_1_8, NEMO-HA_9_1_19, NEMO-HA_9_1_10, NEMO-HA_9_1_11, NEMO-HA_9_1_12, NEMO-HA_9_1_13, NEMO-HA_9_1_14, NEMO-HA_9_1_15, NEMO-HA_9_1_16,		
								NEMO-HA_9_2_1, NEMO-HA_9_2_2, NEMO-HA_9_2_3, NEMO-HA_9_2_4, NEMO-HA_9_2_5, NEMO-HA_9_2_6, NEMO-HA_9_2_7, NEMO-HA_9_2_10, NEMO-HA_9_2_9, NEMO-HA_9_2_10, NEMO-HA_9_2_11, NEMO-HA_9_2_12, NEMO-HA_9_2_13, NEMO-HA_9_2_14,	Real Home link, Network mobility(same HA)	
27		If the Mobile Router sends a Binding Update with a one or more Mobile Network Prefix options, the Home Agent MUST be able to verify that the Mobile Router is authorized for the prefixes before setting up forwarding for the prefixes.	НА	MUST	A	A1		NEMO-HA_2_1_5.NEMO-HA_2_1_7, NEMO-HA_2_1_8, NEMO-HA_2_2_4.NEMO-HA_2_2_5, NEMO-HA_2_2_11.NEMO-HA_2_2_12, NEMO-HA_2_2_14, NEMO-HA_2_5_3.NEMO-HA_2_5_4, NEMO-HA_2_5_7.NEMO-HA_2_5_8, NEMO-HA_2_6_7.NEMO-HA_2_6_8, NEMO-HA_2_6_7.NEMO-HA_2_6_10, NEMO-HA_2_6_9.NEMO-HA_2_6_112,		Binding update(Mobile network prefix registration)
								NEMO-HA 2 8 7. NEMO-HA 2 8 8. NEMO-HA 2 8 9. NEMO-HA 2 8 10. NEMO-HA 2 8 11. NEMO-HA 2 8 12. NEMO-HA 2 10 7. NEMO-HA 2 10 8. NEMO-HA 2 10 9. NEMO-HA 2 10 10. NEMO-HA 2 10 11. NEMO-HA 2 10 12. NEMO-HA 2 11 11. NEMO-HA 2 11 15. NEMO-HA 2 11 11. NEMO-HA 2 11 15. NEMO-HA 2 11 11.		
								NEMO-HA_2_7_3, NEMO-HA_2_7_4, NEMO-HA_2_8_7, NEMO-HA_2_7_8, NEMO-HA_2_8_7, NEMO-HA_2_8_10, NEMO-HA_2_8_11, NEMO-HA_2_8_12, NEMO-HA_2_8_11, NEMO-HA_2_8_12, NEMO-HA_2_9_13, NEMO-HA_2_9_14, NEMO-HA_2_9_15, NEMO-HA_2_9_14, NEMO-HA_2_10_8, NEMO-HA_2_10_9, NEMO-HA_2_10_8, NEMO-HA_2_10_11, NEMO-HA_2_10_12, NEMO-HA_2_10_11,		
								NEMO-HA_3_1_11.NEMO-HA_3_1_12, NEMO-HA_3_4_16.NEMO-HA_3_4_17, NEMO-HA_3_4_18.NEMO-HA_3_4_19, NEMO-HA_3_4_20,		



No. RFC Sect	RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank		Support ed	Test No.	Configuration	Reason of TEST Priorit
								NEMO-HA_5_1_5, NEMO-HA_5_1_6, NEMO-HA_5_1_7, NEMO-HA_5_2_5, NEMO-HA_5_2_6, NEMO-HA_5_2_7, NEMO-HA_5_2_8, NEMO-HA_5_3_1, NEMO-HA_5_3_1, NEMO-HA_5_3_12, NEMO-HA_5_4_12, NEMO-HA_5_4_13, NEMO-HA_5_4_12, NEMO-HA_5_4_15, NEMO-HA_5_4_18, NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_5_6,		
								NEMO-HA. 6. 1. 3. NEMO-HA. 6. 1. 4. NEMO-HA. 6. 4. 5. NEMO-HA. 6. 4. 6. NEMO-HA. 6. 4. 7. NEMO-HA. 6. 4. 8. NEMO-HA. 6. 5. 5. NEMO-HA. 6. 5. 6. NEMO-HA. 6. 5. 5. NEMO-HA. 6. 5. 6. NEMO-HA. 6. 6. 12. NEMO-HA. 6. 6. 12. NEMO-HA. 6. 6. 12. NEMO-HA. 6. 6. 15. NEMO-HA. 6. 6. 16. NEMO-HA. 6. 6. 15. NEMO-HA. 6. 6. 18. NEMO-HA. 6. 15. NEMO-HA. 6. 7. 2. NEMO-HA. 6. 7. 8. NEMO-HA. 6. 7. 7. NEMO-HA. 6. 7. 8. NEMO-HA. 8. 1. 2. NEMO-HA. 8. 1. 8. NEMO-HA. 8. 1. 12. NEMO-HA. 8. 1. 8. NEMO-HA. 8. 1. 16.		
								NEMO-HA_9_1_17.NEMO-HA_9_1_18. NEMO-HA_9_1_19.NEMO-HA_9_1_20. NEMO-HA_9_1_21.NEMO-HA_9_1_22. NEMO-HA_9_1_23.NEMO-HA_9_1_24. NEMO-HA_9_1_25.NEMO-HA_9_1_26. NEMO-HA_9_1_27.NEMO-HA_9_1_30. NEMO-HA_9_1_29.NEMO-HA_9_1_30. NEMO-HA_9_1_31.NEMO-HA_9_1_32.		
						A2		NEMO-HA_8_1_2.NEMO-HA_8_1_8. NEMO-HA_8_1_16. NEMO-HA_9_2_15.NEMO-HA_9_2_16. NEMO-HA_9_2_17.NEMO-HA_9_2_18. NEMO-HA_9_2_19.NEMO-HA_9_2_20. NEMO-HA_9_2_21.NEMO-HA_9_2_24. NEMO-HA_9_2_23.NEMO-HA_9_2_24. NEMO-HA_9_2_25.NEMO-HA_9_2_26. NEMO-HA_9_2_27.NEMO-HA_9_2_28.	Virtual Home link, IKE Virtual Home link, MPS/MPA Virtual Home link, Network mobility(same HA)	



No.	RFC Section RFC Section title Item	Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Priority
	title Item		nodes	Status	al Rank	Priority	ed			
								NEMO-HA_1_1_5.NEMO-HA_1_1_6. NEMO-HA_1_1_7. NEMO-HA_2_1_1.NEMO-HA_2_1_2. NEMO-HA_2_1_3.NEMO-HA_2_1_4. NEMO-HA_2_1_3.NEMO-HA_2_1_4. NEMO-HA_2_1_3.NEMO-HA_2_1_9. NEMO-HA_2_1_1.6.NEMO-HA_2_1_9. NEMO-HA_2_2_1.NEMO-HA_2_2_10. NEMO-HA_2_2_1.NEMO-HA_2_2_10. NEMO-HA_2_2_1.NEMO-HA_2_2_2. NEMO-HA_2_3_3.NEMO-HA_2_3_4. NEMO-HA_2_3_3.NEMO-HA_2_3_4. NEMO-HA_2_4_3.NEMO-HA_2_4_2. NEMO-HA_2_4_5.NEMO-HA_2_4_6. NEMO-HA_2_4_5.NEMO-HA_2_4_6. NEMO-HA_2_5_5.NEMO-HA_2_5_6. NEMO-HA_2_6_5.NEMO-HA_2_6_6.	Real Home link	
								NEMO-HA 2, 7, I.NEMO HA 2, 7, 2, NEMO-HA 2, 7, 5, NEMO-HA 2, 7, 6, NEMO-HA 2, 8, 1, NEMO-HA 2, 8, 2, NEMO-HA 2, 8, 3, NEMO-HA 2, 8, 4, NEMO-HA 2, 8, 6, NEMO-HA 2, 8, 6, NEMO-HA 2, 9, 1, NEMO-HA 2, 9, 2, NEMO-HA 2, 9, 3, NEMO-HA 2, 9, 4, NEMO-HA 2, 10, 1, NEMO-HA 2, 10, 2, NEMO-HA 2, 10, 1, NEMO-HA 2, 11, 11, NEMO-HA 2, 11, NEMO-HA 2, 11, 11, NEMO-HA 2, 11, NEM		
								NEMO-HA_3_1_1.NEMO-HA_3_1_2. NEMO-HA_3_1_3.NEMO-HA_3_1_4. NEMO-HA_3_1_5.NEMO-HA_3_1_6. NEMO-HA_3_1_5.NEMO-HA_3_1_6. NEMO-HA_3_1_5.NEMO-HA_3_1_10. NEMO-HA_3_3_1.NEMO-HA_3_3_2. NEMO-HA_3_3_3.NEMO-HA_3_3_4. NEMO-HA_3_3_5.NEMO-HA_3_3_4. NEMO-HA_3_3_5.NEMO-HA_3_3_8. NEMO-HA_3_4_1.NEMO-HA_3_4_2. NEMO-HA_3_4_1.NEMO-HA_3_4_6. NEMO-HA_3_4_5.NEMO-HA_3_4_6. NEMO-HA_3_4_7.NEMO-HA_3_4_6. NEMO-HA_3_4_1.NEMO-HA_3_4_10. NEMO-HA_3_4_1.NEMO-HA_3_4_10. NEMO-HA_3_4_1.NEMO-HA_3_4_11. NEMO-HA_3_4_1.NEMO-HA_3_4_12. NEMO-HA_3_4_1.NEMO-HA_3_4_12. NEMO-HA_3_4_1.NEMO-HA_3_4_12. NEMO-HA_3_4_1.NEMO-HA_3_4_12. NEMO-HA_3_4_1.NEMO-HA_3_4_14. NEMO-HA_3_4_1.NEMO-HA_3_4_14.		



KI-C Section	n RFC Section	Functional Specification	target	RFC	Function	TEST	Support	Test No.	Configuration	Reason of TEST Prior
	title Item		nodes	Status	al Rank	Priority	ed			
								NEMO-HA_4_2_1,NEMO-HA_4_2_2,		
								NEMO-HA_4_2_3,NEMO-HA_4_2_4, NEMO-HA_4_2_5,NEMO-HA_4_2_6,		
								NEMO-HA_4_2_7,NEMO-HA_4_2_8,		
								NEMO-HA_4_2_9,NEMO-HA_4_2_10, NEMO-HA_4_2_11,NEMO-HA_4_2_12,		
								NEMO-HA_4_2_13,NEMO-HA_4_2_14,		
								NEMO-HA_4_2_15,NEMO-HA_4_2_16,		
								NEMO-HA_4_3_1,NEMO-HA_4_3_2,		
								NEMO-HA_4_3_1,NEMO-HA_4_3_2, NEMO-HA_4_3_3,NEMO-HA_4_3_4,		
								NEMO-HA_4_3_5,NEMO-HA_4_3_6,		
								NEMO-HA_4_3_7,NEMO-HA_4_3_8, NEMO-HA_4_3_9,NEMO-HA_4_3_10,		
								NEMO-HA_4_3_11,NEMO-HA_4_3_12,		
								NEMO-HA_4_3_13,NEMO-HA_4_3_14, NEMO-HA_4_3_15,NEMO-HA_4_3_16,		
								NEMO-HA_4_3_13,NEMO-HA_4_3_16, NEMO-HA_4_4_1,NEMO-HA_4_4_2,		
								NEMO-HA_4_4_3,NEMO-HA_4_4_4,		
								NEMO-HA_4_4_5,NEMO-HA_4_4_6, NEMO-HA_4_4_7,NEMO-HA_4_4_8,		
								NEMO-HA_4_4_9,NEMO-HA_4_4_13,		
								NEMO-HA_4_4_14,NEMO-HA_4_4_15,		
								NEMO-HA_5_1_1,NEMO-HA_5_1_2,		
								NEMO-HA_5_1_3,NEMO-HA_5_1_4, NEMO-HA_5_2_1,NEMO-HA_5_2_2,		
								NEMO-HA_5_2_1,NEMO-HA_5_2_2, NEMO-HA_5_2_3,NEMO-HA_5_2_4,		
								NEMO-HA_5_3_1,NEMO-HA_5_3_4,		
								NEMO-HA_5_3_5,NEMO-HA_5_3_6, NEMO-HA_5_3_8,		
								NEMO-HA_5_4_5,NEMO-HA_5_4_6,		
								NEMO-HA_5_4_7,NEMO-HA_5_4_8, NEMO-HA_5_4_9,NEMO-HA_5_4_10,		
								NEMO-HA_5_4_11,		
								NEMO-HA_5_5_1,NEMO-HA_5_5_3,		
								NEMO-HA_6_1_1,NEMO-HA_6_1_2, NEMO-HA_6_2_1,NEMO-HA_6_2_2,		
								NEMO-HA_6_2_3,NEMO-HA_6_2_4,		
								NEMO-HA_6_4_1,NEMO-HA_6_4_2, NEMO-HA_6_4_3,NEMO-HA_6_4_4,		
								NEMO-HA_6_5_1,NEMO-HA_6_5_2,		
								NEMO-HA_6_5_3,NEMO-HA_6_5_4, NEMO-HA_6_6_5,NEMO-HA_6_6_6,		
								NEMO-HA_6_6_5,NEMO-HA_6_6_6, NEMO-HA_6_6_7,NEMO-HA_6_6_8,		
								NEMO-HA_6_6_9,NEMO-HA_6_6_10,		
								NEMO-HA_6_6_11, NEMO-HA_6_7_1,NEMO-HA_6_7_3,		
								NEMO-HA_6_7_5,NEMO-HA_6_7_6,		
										1
	1				1					



No.	RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank		Support ed	Test No.	Configuration	Reason of TEST Priority
								NEMO-HA_9_1_1, NEMO-HA_9_1_2, NEMO-HA_9_1_3, NEMO-HA_9_1_4, NEMO-HA_9_1_5, NEMO-HA_9_1_6, NEMO-HA_9_1_7, NEMO-HA_9_1_18, NEMO-HA_9_1_9, NEMO-HA_9_1_10, NEMO-HA_9_1_11, NEMO-HA_9_1_12, NEMO-HA_9_1_13, NEMO-HA_9_1_14, NEMO-HA_9_1_15, NEMO-HA_9_1_16,		
								NEMO-HA_8_1_1,NEMO-HA_8_1_7, NEMO-HA_8_1_15,	Real Home link, IKE Real Home link,	
								NEMO-HA_9_2_1.NEMO-HA_9_2_2. NEMO-HA_9_2_3.NEMO-HA_9_2_4. NEMO-HA_9_2_5.NEMO-HA_9_2_6. NEMO-HA_9_2_7.NEMO-HA_9_2_8. NEMO-HA_9_2_7.NEMO-HA_9_2_10. NEMO-HA_9_2_11.NEMO-HA_9_2_12. NEMO-HA_9_2_13.NEMO-HA_9_2_14.	MPS/MPA Real Home link, Network mobility(same HA)	
28		When the Mobile Router is runs a dynamic routing protocol as described in section 8, it injects routing update messages into the Home Link. As the routing protocol message could contain information about the internal routing structure of the home network, these messages require confidentiality protection. The Mobile Router SHOULD use confidentiality protection through IPsec ESP as described in [14]. If the bi-directional tunnel between the Mobile Router and the Home Agent is protected by ESP, in tunnel mode for all IP traffic, then no additional confidentiality protection specific to the routing protocol is required.	MR	SHOULD	A	A2			DRP	This function is implementaion-dependent. It does not effect on interoperability. *Dynamic routing protocol
29		Home Agents and Mobile Routers may use IPsec ESP to protect payload packets tunneled between themselves. This is useful to protect communications against attackers on the path of the tunnel.	MR HA	may	В	В	X X	NEMO-HA_5_1_5, NEMO-HA_5_1_6, NEMO-HA_5_1_7, NEMO-HA_5_2_5, NEMO-HA_5_2_6, NEMO-HA_5_2_8, NEMO-HA_5_2_8, NEMO-HA_5_4_12, NEMO-HA_5_4_13, NEMO-HA_5_4_12, NEMO-HA_5_4_15, NEMO-HA_5_4_16, NEMO-HA_5_4_17, NEMO-HA_5_4_18, NEMO-HA_5_5_4, NEMO-HA_5_5_6, NEMO-HA_5_5_4, NEMO-HA_5_5_6, NEMO-HA_6_1_3, NEMO-HA_6_1_4, NEMO-HA_6_1_3, NEMO-HA_6_1_4, NEMO-HA_6_4_8, 4, 5, NEMO-HA_6_4_6,	Virtual Home link Virtual Home link and This function is implementaion-dependent. *IPsec Protection of the payload packets tunneled between MR and HA	This function is implementaion-dependent. *IPsec Protection of the payload packets tunneled between MR and HA
								NEMO-HA_6_6_4.8, NEMO-HA_6_6_3.NEMO-HA_6_6_4, NEMO-HA_6_6_12.NEMO-HA_6_6_13, NEMO-HA_6_6_14.NEMO-HA_6_6_15, NEMO-HA_6_6_18.NEMO-HA_6_6_17, NEMO-HA_6_6_18.		



No.	RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
								NEMO-HA. 9.1. 17. NEMO-HA. 9.1. 18. NEMO-HA. 9.1. 19. NEMO-HA. 9.1. 20. NEMO-HA. 9.1. 21. NEMO-HA. 9.1. 22. NEMO-HA. 9.1. 23. NEMO-HA. 9.1. 24. NEMO-HA. 9.1. 25. NEMO-HA. 9.1. 26. NEMO-HA. 9.1. 27. NEMO-HA. 9.1. 28. NEMO-HA. 9.1. 29. NEMO-HA. 9.1. 30. NEMO-HA. 9.1. 31. NEMO-HA. 9.1. 32.		
								NEMO-HA. 9, 2, 15, NEMO-HA. 9, 2, 16, NEMO-HA. 9, 2, 17, NEMO-HA. 9, 2, 18, NEMO-HA. 9, 2, 20, 2, 19, NEMO-HA. 9, 2, 20, NEMO-HA. 9, 2, 20, NEMO-HA. 9, 2, 21, NEMO-HA. 9, 2, 24, NEMO-HA. 9, 2, 24, NEMO-HA. 9, 2, 24, NEMO-HA. 9, 2, 25, NEMO-HA. 9, 2, 26, NEMO-HA. 9, 2, 27, NEMO-HA. 9, 2, 28, NEMO-HA. 9, 2, 27, NEMO-HA. 9, 2, 28, NEMO-HA. 9, NEMO-HA. 9, NEMO-HA. 9, NEMO-HA. 9, NEMO-HA. 9, NEMO-HA. 9, NEMO-H	Virtual Home link, Nested mobility(Same HA) and This function is implementaion-dependent. *IPsec Protection of the payload packets tunneled between MR and HA	
								NEMO-HA_5_1_1, NEMO-HA_5_1_2, NEMO-HA_5_1_4, NEMO-HA_5_1_4, NEMO-HA_5_2_1, 1, NEMO-HA_5_1_4, NEMO-HA_5_2_2, NEMO-HA_5_2_2, NEMO-HA_5_2_3, 6, NEMO-HA_5_3_3, NEMO-HA_5_3_3, NEMO-HA_5_3_3, NEMO-HA_5_3_3, NEMO-HA_5_3_3, NEMO-HA_5_3_1_2, NEMO-HA_5_4_1, NEMO-HA_5_4_1, NEMO-HA_5_4_4, NEMO-HA_5_4_4, NEMO-HA_5_4_4, NEMO-HA_5_4_1, NEMO-HA_5_5_1, NEMO-HA_5_5_1, NEMO-HA_5_5_1, NEMO-HA_5_5_1, NEMO-HA_5_5_5_1,	Real Home link and This function is implementaion-dependent. *IPsec Protection of the payload packets tunneled between MR and HA	
								NEMO-HA_6_1_1, NEMO-HA_6_1_2, NEMO-HA_6_4_1, NEMO-HA_6_4_2, NEMO-HA_6_4_4, NEMO-HA_6_6_1, NEMO-HA_6_6_2, NEMO-HA_6_6_5, NEMO-HA_6_6_6, NEMO-HA_6_6_7, NEMO-HA_6_6_8, NEMO-HA_6_6_9, NEMO-HA_6_6_10, NEMO-HA_6_6_11,		
								NEMO-HA_9_1_1, NEMO-HA_9_1_2, NEMO-HA_9_1_3, NEMO-HA_9_1_4, NEMO-HA_9_1_5, NEMO-HA_9_1_6, NEMO-HA_9_1_7, 7, NEMO-HA_9_1_10, NEMO-HA_9_1_1, 11, NEMO-HA_9_1_12, NEMO-HA_9_1_13, NEMO-HA_9_1_12, NEMO-HA_9_1_13, NEMO-HA_9_1_14, NEMO-HA_9_1_15, NEMO-HA_9_1_16,		
								NEMO-HA, 9, 2, 1, NEMO-HA, 9, 2, 2, NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 4, NEMO-HA, 9, 2, 5, NEMO-HA, 9, 2, 8, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 8, NEMO-HA, 9, 2, 9, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14,	Real Home link, Nested mobility(Same HA) and This function is implementaion-dependent. *IPsec Protection of the payload packets tunneled between MR and HA	



No.		RFC Section title Item	Functional Specification	target nodes	RFC Status	Function al Rank	TEST Priority	Support ed	Test No.	Configuration	Reason of TEST Priority
30			Please refer to the Mobile IPv6 specification [1] for security considerations when the Mobile Router operates as a Mobile Host.	MR	(do)	A	A1				Mobile node
31	1	(Nestd Mobility)	The terminology document [10] describes Nested Mobility as a scenario where a Mobile Router allows another Mobile Router to attach to its Mobile Network. There could be arbitrary levels of nested mobility. The operation of each Mobile Router remains the same whether the Mobile Router attaches to another Mobile Router or to a fixed Access Router on the Internet. The solution described here does not place any restriction on the number of levels for nested mobility. But note that this might introduce significant overhead on the data packets as each level of nesting introduces another IPv6 header encapsulation.	НА	(do)	A	A1*2		NEMO-HA. 9.1. 17. NEMO-HA. 9.1. 18. NEMO-HA. 9.1. 20. NEMO-HA. 9.1. 20. NEMO-HA. 9.1. 20. NEMO-HA. 9.1. 21. NEMO-HA. 9.1. 24. NEMO-HA. 9.1. 24. NEMO-HA. 9.1. 25. NEMO-HA. 9.1. 26. NEMO-HA. 9.1. 25. NEMO-HA. 9.1. 28. NEMO-HA. 9.1. 27. NEMO-HA. 9.1. 28. NEMO-HA. 9.1. 27. NEMO-HA. 9.1. 32. NEMO-HA. 9.1. 31. NEMO-HA. 9.1. 32. NEMO-HA. 9.1. 32. NEMO-HA. 9.1. 32. NEMO-HA. 9.1. 32. NEMO-HA. 9.2. 13. NEMO-HA. 9.2. 15. NEMO-HA. 9.2. 18. NEMO-HA. 9.2. 17. NEMO-HA. 9.2. 21. NEMO-HA. 9.2. 22. NEMO-HA. 9.2. 22. NEMO-HA. 9.2. 23. NEMO-HA. 9.2. 24. NEMO-HA. 9.2. 23. NEMO-HA. 9.2. 24. NEMO-HA. 9.2. 25. NEMO-HA. 9.2. 26. NEMO-HA. 9.2. 25. NEMO-HA. 9.2. 26. NEMO-HA. 9.2. 25. NEMO-HA. 9.2. 26. NEMO-HA. 9.2	Virtual Home Link Virtual Home link, Nested mobility(Same HA)	Nested mobility
									NEMO-HA_9_1_1.NEMO-HA_9_1_2. NEMO-HA_9_1_1.NEMO-HA_9_1_2. NEMO-HA_9_1_3.NEMO-HA_9_1_4. NEMO-HA_9_1_5.NEMO-HA_9_1_6. NEMO-HA_9_1_7.NEMO-HA_9_1_8. NEMO-HA_9_1_7.NEMO-HA_9_1_10. NEMO-HA_9_1_1.S.NEMO-HA_9_1_12. NEMO-HA_9_1_13.NEMO-HA_9_1_14. NEMO-HA_9_1_13.NEMO-HA_9_1_16.	Real Home link Real Home link,	
				MR	(do)	A	A1*2	х	NEMO-HA, 9, 2, 3, NEMO-HA, 9, 2, 4, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 6, NEMO-HA, 9, 2, 7, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 9, NEMO-HA, 9, 2, 10, NEMO-HA, 9, 2, 11, NEMO-HA, 9, 2, 12, NEMO-HA, 9, 2, 13, NEMO-HA, 9, 2, 14,	Nested mobility(Same HA)	

[1] D. Johnson, C. Perkins and J. Arkko. Mobility Support in IPv6. RFC3775, IETF. June 2004.
[2] J. Arkko, V. Devarapalli and F. Dupont. Using IPsec to

[2] J. Arkko, V. Devarapalli and F. Dupont. Using IPsec to Protect Mobile IPv6 Signaling between Mobile Nodes and Home Agents. ,RFC3776, IETF. June 2004.

 $[8]\,$ S. Kent and R. Atkinson. Security Architecture for the Internet

[10] Ernst, T., and H.-Y. Lach, "Network Mobility Support Terminology". Work in Progress. October 2004.



RFC Section Functional Specification title Item	target RFC Function Status al Rank	1	Test No. Configuration	Reason of TEST Priority
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[12] G. Malkin and R. Minnear. RIPng for IPv6. RFC 2080,

IETF.
[13] R. Coltun, D. Ferguson and J. Moy. OSPF for IPv6. RFC

[14] M. Gupta and N. Melam. Authentication/Confidentiality for

OSPFv3. Internet Draft, IETF. draft-ietf-ospf-ospfv3-auth-04.txt

(work in progress). December 2003.

^{*2} Please refer to Table 2-5 (NEMO functions of Priority A1 and Priority A2 for every node)



5.2.2 MR - RFC3775/3776/4877

This section describes the operation in Mobile IPv6 and the functional classifications for MN on the basis of the classifications given in section 2.3.

Notes

- "RFC section" gives the corresponding section number in the Mobile IPv6 RFC referred to in section 2.2.
- "RFC section title" gives the section heading in the Mobile IPv6 RFC referred to in section 2.2.
- In the column "Test Priority," "A1" indicates Rank A and Priority 1, "A2" indicates Rank-A and Priority 2, and "B" indicates Rank-B and Priority 2.
- In the column "Test PROFILE", "x" indicates that the function is supported.
- "Reason for Classification" gives the reason for the function's classification. A reason is given when Test Priority is "A2," "B," or "C."



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank	TEST Priority	Reason of TEST Priority
1	8.5	IPv6 Mobile Nodes		Finally, the following requirements apply to all IPv6 nodes capable	(do)	-	-	
2				The node MUST maintain a Binding Update List (Section	MUST	A	A1	Binding update list
3				The node MUST support sending packets containing a Home Address option (Section 11.3.1), and follow the required IPsec interaction	MUST	A	A1	Home address option IPsec
4				The node MUST be able to perform IPv6 encapsulation and decapsulation [15]	MUST	A	A1	Tunneling
5				The node MUST be able to process type 2 routing header as defined in Section 6.4 and Section 11.3.3	MUST	A	A1	Type 2 routing header
6				The node MUST support receiving a Binding Error message (Section 11.3.6).	MUST	A	A1	Binding error
7				The node MUST support receiving ICMP errors (Section 11.3.5).	MUST	A	A1	ICMP
8				The node MUST support movement detection, care of address formation, and returning home (Section 11.5).	MUST	A	A1	Movement detection Returning home
9				The node MUST be able to process Mobility Headers as described in Section 11.2	MUST	A	A1	Mobility header
10				The node MUST support the return routability procedure (Section 11.6).	MUST	-	-	Return routability
11				The node MUST be able to send Binding Updates, as specified in Section 11.7.1 and Section 11.7.2	MUST	A	A1	Binding update
12				The node MUST be able to receive and process Binding Acknowledgements, as specified in Section	MUST	A	A1	Binding acknowledgemen
13				The node MUST support receiving a Binding Refresh Request (Section 6.1.2), by responding with a Binding Update	MUST	A	A2	Binding refresh request



14	The node MUST support receiving Mobile Prefix Advertisements (Section 11.4.3) and reconfiguring its home address based on the prefix information contained therein	MUST	A	A2	Mobile prefix advertisement
15	The node SHOULD support use of the dynamic home agent address discovery mechanism, as described in Section 11.4.1	SHOULD	A	A2	DHAAD
16	The node MUST allow route optimization to be administratively enabled or disabled. The default SHOULD be enabled.	MUST SHOULD	1	-	Route optimization
17	The node MAY support the multicast address listener part of a multicast group membership protocol as described in Section 11.3.4. If this support is provided, the mobile node MUST be able to receive tunneled multicast packets from the hom		A	A2	Multicast
18	The node MAY support stateful address autoconfiguration mechanisms such as DHCPv6 [29] on the interface represented by the tunnel to the home agent.	MAY	В	В	Stateful address autoconfiguration



No.	RFC	RFC	Item	Functional Specification	RFC	Functional			t PROFILE	Reason of TEST Priority
140.	Section	Section title	reem	T directorial Specification	Status	Rank	Priority	Supported	Test No.	recuson of TEST Triolity
1	6.1	Mobility Header		Mobility Header messages MUST NOT be sent with a type 2 routing header, except as described in Section 9.5.4 for Binding Acknowledgement. Mobility Header messages also MUST NOT be used with a Home Address destination option, except as described in Section 11.7.1 and Section 11.7.2 for Binding Update. Binding Update List	MUST NOT	A	A1			Return Routability Mobile to Mobile
2				or Binding Cache information (when present) for the destination MUST NOT be used in sending Mobility Header messages. That is, Mobility Header messages bypass both the Binding Cache check described in Section 9.3.2 and the Binding Update List check described in Section 11.3.1	MUST NOT	A	A1			Return Routability Mobile to Mobile
3				which are normally performed for all packets. This applies even to messages sent to or from a correspondent node which is itself a mobile node.	MUST NOT	A	A1			Return Routability Mobile to Mobile



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	-	TEST	1	Test PI	ROFILE	Reason of TEST Priority
110.		Section title	Item	-	Status	Rank		HA		Supported	Test No.	J
1		Conceptual Data Structures	Information which Mobile Node holds	Each mobile node MUST maintain a Binding Update List.	MUST	A	->	A1	A2	HA:X CN:X	HA: NEMO- MR-2-1-1- 1-001	CN:Correspondent Registration
2			Binding Update List	The IP address of the node to which a Binding Update was sent.	(do)	A	->	A1	A2	HA:X CN:X	HA: NEMO- MR-2-1-1- 1-001	HA:Home Registration CN:Correspondent Registration
3				The home address for which that Binding Update was sent.	(do)	A	->	A1	A2	HA:X CN:X	HA: NEMO- MR-2-1-1- 1-001	HA:Home Registration CN:Correspondent Registration
4				The care-of address sent in that Binding Update. This value is necessary for the mobile node to determine if it has sent a Binding Update while giving its new care-of address to this destination after changing its care-of address.	(do)	A	->	A1	A2	HA:X CN:X	HA: NEMO- MR-2-1-1- 1-001	HA:Home Registration CN:Correspondent Registration
5				The initial value of the Lifetime field sent in that Binding Update.	(do)	A	->	A1	A2	HA:X CN:X	HA: NEMO- MR-2-1-1- 1-001	HA:Home Registration CN:Correspondent Registration



No.	RFC	RFC	Item	Functional Specification	RFC	Functional		TEST		Test PF	OFILE	Reason of TEST Priority
INO.	Section	Section title	Item	•	Status	Rank				Supported	Test No.	ű
6				The remaining lifetime of that binding. This lifetime is initialized from the Lifetime value sent in the Binding Update and is decremented until it reaches zero, at which time this entry MUST be deleted from the Binding Update List.	MUST	A	->	A1	A2	HA:X		CN:Correspondent Registration
7				The maximum value of the Sequence Number field sent in previous Binding Updates to this destination. The Sequence Number field is 16 bits long and all comparisons between Sequence Number values MUST be performed modulo 2**16 (see Section 9.5.1).	MUST	A	->	A1	A2	HA:X CN:X	HA: NEMO- MR-2-1-2- 1-001	CN:Correspondent Registration
8				The time at which a Binding Update was last sent to this destination, as needed to implement the rate limiting restriction for sending Binding Updates.	(do)	A	^	A1	A2	HA:X CN:X		HA:Home Registration CN:Correspondent Registration



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	-	TEST		Test PI	ROFILE	Reason of TEST Priority
100.	Section	Section title	Item	•	Status	Rank				Supported	Test No.	
9				The state of any retransmissions needed for this Binding Update. This state includes the time remaining until the next retransmission attempt for the Binding Update and the current state of the exponential back- off mechanism for retransmissions.	(do)	A	^	A1	A2	HA:X CN:X	MR-2-1-1-	HA:Home Registration CN:Correspondent Registration
10				A flag specifying whether or not future Binding Updates should be sent to this destination. The mobile node sets this flag in the Binding Update List entry when it receives an ICMP Parameter Problem, Code 1, error message in response to a return routability message or Binding Update sent to that destination, as described in Section 11.3.5.	(do)	A	->	A1	A2	HA : X	HA: NEMO- MR-6-2-2- 1-001	HA:Home Registration CN:Correspondent Registration
11			Binding Update List for CN	The time at which a Home Test Init or Care-of Test Init message was last sent to this destination, as needed to implement the rate limiting restriction for the return routability procedure.	(do)	A	A2					Return Routability



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	r	ГESТ	[Test PR	OFILE	Reason of TEST Priority
100.	Section	Section title	Item	Functional Specification	Status	Rank		HA	CN	Supported	Test No.	Reason of TEST Priority
12				The state of any retransmissions needed for this return routability procedure. This state includes the time remaining until the next retransmission attempt and the current state of the exponential back-off mechanism for retransmissions.	(do)	A	A2					Return Routability
13				Cookie values used in the Home Test Init and Care-of Test Init messages.	(do)	A	A2					Return Routability
14				Home and care-of keygen tokens received from the correspondent node.	(do)	A	A2					Return Routability
15				Home and care-of nonce indices received from the correspondent node.	(do)	A	A2					Return Routability
16				The time at which each of the tokens and nonces were received from the correspondent node, as needed to implement reuse while moving.	(do)	A	A2					Return Routability



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No.	Section	Section title	Item	Functional Specification	Status	Rank	Н	IA CN	Supported	Test No.	Reason of TEST Priority
1		Mobility Headers	Processing Mobility Headers	All IPv6 mobile nodes MUST observe the rules described in Section 9.2 when processing Mobility Headers.	MUST	A	A1		X	NEMO- MR-6-2-1- 1-004 NEMO- MR-2-2-1- 1-001 NEMO- MR-6-2-1- 1-001 NEMO- MR-6-2-1- 1-002	
2	9.2	Mobility Headers	Mobility Header processing MUST observe the following rules:	The checksum must be verified as per Section 6.1. Otherwise, the node MUST silently discard the message.	MUST	A	A1		X	NEMO- MR-6-2-1- 1-004	
3				The MH Type field MUST have a known value (Section 6.1.1). Otherwise, the node MUST discard the message and issue a Binding Error message as described in Section 9.3.3, with Status field set to 2 (unrecognized MH Type value).	MUST	A	A1		X	NEMO- MR-2-2-1- 1-001	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	r	ΓEST		Test PF	ROFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank		HA	CN	Supported	Test No.	Reason of TEST Friority
4					MUST	A	A1			X	NEMO- MR-6-2-1- 1-003	
5				The Payload Proto field MUST be IPPROTO_NONE (59 decimal). Otherwise, the node MUST discard the message and SHOULD send ICMP Parameter Problem, Code 0, directly to the Source Address of the packet as specified in RFC 2463 [14]. Thus no Binding Cache information is used in sending the ICMP message. The		A	A1			Х	NEMO- MR-2-2-1- 1-001	
6				Pointer field in the ICMP message SHOULD point at the Payload Proto field.	MUST	A	A1			X	NEMO- MR-6-2-1- 1-001	
7					SHOULD	A	A1			Х	NEMO- MR-6-2-1- 1-001	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	,	TEST			ROFILE	Reason of TEST Priority
	Section	Section title	Item	runctional Specification	Status	Rank			CN	Supported	Test No.	Reason of TEST Thority
8					SHOULD	A	A1			X	NEMO- MR-6-2-1- 1-001	
9				o The Header Len field in the Mobility Header MUST NOT be less than the length specified for this particular type of message in Section 6.1.	NOT	A	A1			X	NEMO- MR-2-2-1- 1-001	
10				Otherwise, the node MUST discard the message and SHOULD send ICMP Parameter Problem, Code 0, directly to the Source Address of the packet as specified in RFC 2463 [14]. (The Binding Cache information is again not used.) The Pointer field in the ICMP message SHOULD point at the		A	A1			X	NEMO- MR-6-2-1- 1-002	
11				Header Len field.	SHOULD	A	A1			X	NEMO- MR-6-2-1- 1-002	
12					SHOULD	A	A1			X	NEMO- MR-6-2-1- 1-002	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	, .	ΓEST]	Test PR	OFILE	Reason of TEST Priority
		Section title		-	Status	Rank		HA	CN	Supported	Test No.	3
1		Sending Packets While Away from Home	node is away from home, it continues to use its home address, as well as also	Protocols layered over IP will generally treat the mobile node's home address as its IP address for most packets. For packets sent that are part of transport-level connections established while the mobile node was at home, the mobile node MUST use its home address.	MUST	A	A2					Function that uses upper or lower layer information
2				Likewise, for packets sent that are part of transport-level connections that the mobile node may still be using	SHOULD	A	A2					Function that uses upper or lower layer information
3				after moving to a new location, the mobile node SHOULD use its home address in this way. If a binding	SHOULD	A	A2					Route Optimization



	RFC	RFC	.	F 16	RFC	Functional	-	TEST	1	Test PI	ROFILE	D. AMERICA D. A. A.
No.	Section	Section title	Item	Functional Specification	Status	Rank		HA	CN	Supported	Test No.	Reason of TEST Priority
4				exists, the mobile node SHOULD send the packets directly to the correspondent node. Otherwise, if a binding does not exist, the mobile node MUST use reverse tunneling.	MUST	A	A1			X	NEMO- MR-4-1-1- 2-001	
5				The mobile node MAY choose to directly use one of its care-of addresses as the source of the packet, thus not requiring the use of a Home Address option in the packet. This is particularly useful for short-term communication that may easily be retried if it fails. Using the mobile node's care-of address as the source for such queries will generally have a lower overhead than using the mobile node's home address, since no extra options need be used in either the query or its reply, Such packets can be routed normally, directly between their source and destination without relying on Mobile IPv6. If application running on the mobile node has no particular knowledge that the communication being sent fits within this general type of communication, however, the mobile node should not use its care-of address as the source of the packet in this way.	MAY	A	A2					Function that uses upper or lower layer information



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	,	TEST		Test PF	ROFILE	Reason of TEST Priority
INO.	Section	Section title		•	Status	Rank		HA	CN	Supported	Test No.	Reason of TEST Priority
6				o While not at its home link, the mobile node MUST NOT use the home address destination option when communicating with link-local or sitelocal peers, if the scope of the home address is larger than the scope of the peer's address.	MUST NOT	A	A1/ A2			X	NEMO- MR-4-1-2- 2-006	Link-local : A1 Site-local : A2
7				Similarly, the mobile node MUST NOT use the Home Address destination option for IPv6 Neighbor Discovery [12] packets.	MUST NOT	A	A1			X		
8			home link	For packets sent by a mobile node while it is at home, no special Mobile IPv6 processing is required. Likewise, if the mobile node uses any address other than one of its home addresses as the source of a packet sent while away from home, no special Mobile IPv6 processing is required. In either case, the packet is simply addressed and transmitted in the same way as any normal IPv6 packet.	(do)	A	A2			X	NEMO- MR-4-1-1- 2-004 NEMO- MR-4-1-2- 2-007	A2:Returning Home



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	,	TEST	1	Test PR	OFILE	Reason of TEST Priority
110.	Section	Section title	Item	runctional Specification	Status	Rank		HA	CN	Supported	Test No.	Reason of TEST Priority
9				This manner of delivering packets does not require going through the home network, and typically will enable faster and more reliable transmission. The mobile node needs to ensure that a Binding Cache entry exists for its home address so that the correspondent node can process the packet (Section 9.3.1 specifies the rules for Home Address Destination Option Processing at a correspondent node). The mobile node SHOULD examine its Binding Update List for an entry which fulfills the following conditions:		A	A2					Route Optimization



No. Section Section title No. Section S	Reason of TEST Priority
	Route Optimization



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TE	ST	Test PR	OFILE	Reason of TEST Priority
INO.	Section	Section title	rtem	Functional Specification	Status	Rank		A CN	Supported	Test No.	Reason of TEST Priority
11				Construct the packet using the mobile node's home address as the packet's Source Address, in the same way as if the mobile node were at home. This includes the calculation of upper layer checksums using the home address as the value of the source.	(do)	A	A2				Route Optimization
12				Insert a Home Address option into the packet with the Home Address field copied from the original value of the SourceAddress field in the packet.	(do)	A	A2				Route Optimization
13				Change the Source Address field in the packet's IPv6 headerto one of the mobile node's care-of addresses. This will typically be the mobile node's current primary care-of address, but MUST be an address assigned to the interface on the link being used.	MUST	A	A2				Route Optimization



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	-	ΓEST		Test PF	ROFILE	Reason of TEST Priority
INO.	Section	Section title	item	Functional Specification	Status	Rank		HA	CN	Supported	Test No.	Reason of TEST Priority
14			reverse tunneling	The packet is sent to the home agent using IPv6 encapsulation [15].	(do)	A	A1			X	NEMO- MR-4-1-1- 2-001	IPv6 encapsulation and decapsulation
15				The Source Address in the tunnel packet is the primary care-of address as registered with the home agent.	(do)	A	A1			X	NEMO- MR-4-1-1- 2-001	IPv6 encapsulation and decapsulation
16				The Destination Address in the tunnel packet is the home agent's address.	(do)	A	A1			X	NEMO- MR-4-1-1- 2-001	IPv6 encapsulation and decapsulation
17	11.3.2	Interaction with Outbound IPsec Processing		Any specific implementation MAY use algorithms and data structures other than those suggested here, but its processing MUST be consistent with the effect of the operation described here and with the relevant IPsec	MAY	С	-					concrete operation is not specified
18				specifications.	MUST	A	A2					In the case that No.17 function is implemented, this function is mandotory.
19				o The packet is created by higher layer protocols and applications (e.g., by TCP) as if the mobile node were at home and Mobile IPv6 were not being used.	(do)	С	-					Function that uses upper or lower layer information



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	-	ΓEST		Test PF	OFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank		HA	CN	Supported	Test No.	Reason of TEST Friority
20				Determine the outgoing interface for the packet. (Note that the selection between reverse tunneling and route optimization may imply different interfaces, particularly if tunnels are considered interfaces as well.)	(do)	С						This function is implementaion-dependent. It does not effect on interoperability.
21				o As part of outbound packet processing in IP, the packet is compared against the IPsec security policy database to determine what processing is required for the packet [4].	(do)	В	В			X	NEMO- MR-2-1-1- 1-001	BU/HoTI
22				o If IPsec processing is required, the packet is either mapped to an existing Security Association (or SA bundle), or a new SA (or SA bundle) is created for the packet, according to the procedures defined for IPsec.	(do)	В	В			X	NEMO- MR-2-1-1- 1-001 NEMO- MR-1-2-1- 1-002 NEMO- MR-1-2-1- 1-004	BU/HoTI
											NEMO- MR-1-2-1- 1-022 NEMO- MR-1-2-1- 1-024 NEMO- MR-1-2-3- 1-022	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Т	EST	1	Test PF	ROFILE	Reason of TEST Priority
100.	Section	Section title	rtem	Functional Specification	Status	Rank		HA	CN	Supported		Reason of TEST Priority
23				o Since the mobile node is away from home, the mobile is either using reverse tunneling or route optimization to reach the correspondent node.	(do)	A	A1/ A2			Х	Reverse tunnleing: NEMO- MR-4-1-1- 2-001	Reverse tunnel : A1 Route Optimization :A2
24			optimization is in use	If route optimization is in use, the mobile node inserts a Home Address destination option into the packet, replacing the Source Address in the packet's IP header with the care-of address used with this correspondent node, as described in Section 11.3.1. The Destination Options header in which the Home Address destination option is inserted MUST appear in the packet after the routing header, if present, and before the IPsec (AH [5] or ESP [6]) header, so that the Home Address destination option is processed by the destination node before the IPsec header is processed.	MUST	A	A2					IPsec between MN and CN



No.	RFC	RFC	Item	Functional Specification	RFC	Functional		ΓEST		Test PR	OFILE	Reason of TEST Priority
140.	Section	Section title		•	Status	Rank		HA	CN	Supported	Test No.	J
25				* the IPv6 source address in the IPv6 header contains the mobile node's home address,	MUST	A	A2					IPsec between MN and CN
26			were true:	* the Home Address field of the Home Address destination option (Section 6.3) contains the new care-of address.	MUST	A	A2					IPsec between MN and CN
27				o This allows, but does not require, the receiver of the packet containing a Home Address destination option to exchange the two fields of the incoming packet to reach the above situation, simplifying processing for all subsequent packet headers. However, such an exchange is not required, as long as the result of the authentication calculation remains the same.	(do)	В	В					IPsec between MN and CN



No.	RFC	RFC	Item	Functional Specification	RFC	Functional		TEST	ſ	Test PF	ROFILE	Reason of TEST Priority
100.	Section	Section title	Item	Functional Specification	Status	Rank		HA	CN	Supported	Test No.	Reason of TEST Priority
28			case of using IKE [9] as the automated key management protocol, such problems can be avoided by	o When the mobile node is away from home, it MUST use its care-of address as the Source Address of all packets it sends as part of the key management protocol (without use of Mobile IPv6 for these packets, as suggested in Section 11.3.1).	MUST	A	A2			Х	MR-1-2-1- 1-001	IKE
29			requirements when communicating	o In addition, for all security associations bound to the mobile node's home address established by IKE, the mobile node MUST include an ISAKMP Identification Payload [8] in the IKE phase 2 exchange, giving the mobile node's home address as the initiator of the Security Association [7].	MUST	A	A2			X	MR-1-2-1- 1-001	IKE
30				The Key Management Mobility Capability (K) bit in Binding Updates and Acknowledgements can be used to avoid the need to rerun IKE upon movements.	(do)	A	A2			X	NEMO- MR-1-2-1- 1-014	IKE
31		Receiving Packets While Away from Home	Effectiveness check of Tunnel packet transmitted from Home Agent(IPsec)	For packets received by the first method, the mobile node MUST check that the IPv6 source address of the tunneled packet is the IP address of its home agent.	MUST	A	A1			X	NEMO- MR-4-1-1- 2-001	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	-	ΓEST		Test PF	OFILE	Deagan of TEST Drianity
100.	Section	Section title	rtem	Functional Specification	Status	Rank		HA	CN	Supported	Test No.	Reason of TEST Priority
32				The mobile node MUST also process the received packet in the manner defined for IPv6 encapsulation [15], which will result in the encapsulated (inner) packet being processed normally by upper-layer protocols within the mobile node as if it had been addressed (only) to the mobile node's home address.	MUST	A	A1			X	NEMO- MR-4-1-1- 2-001	
33			check of Direct Delivery packet	A node receiving a packet addressed to itself (i.e., one of the node's addresses is in the IPv6 destination field) follows the next header chain of headers and processes them. When it encounters a type 2 routing header during this processing, it performs the following checks. If any of these checks fail, the node MUST silently discard the packet.	MUST	A	A2					Route Optimization
34				The length field in the routing header is exactly 2.	(do)	A	A2					Route Optimization



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	-	TEST	[Test PR	OFILE	Reason of TEST Priority
100.	Section	Section title	Item	Functional Specification	Status	Rank		HA	CN	Supported	Test No.	Reason of TEST Priority
35				The segments left field in the routing header is either 0 or 1. (Values on the wire are always 1. But implementations may process routing header so that the value may become 0 after the routing header has been processed, but before the rest of the packet is processed.)	(do)	A	A2					Route Optimization
36				The Home Address field in the routing header is one of the node's home addresses, if the segments left field was 1. Thus, in particular the address field is required to be a unicast routable address.	(do)	A	A2					Route Optimization
37		Routing Multicast Packets	group	One method, in which a mobile node MAY join the group, is via a (local) multicast router on the foreign link being visited.	MAY	В	В					Multicast
38				The mobile node MUST use its care-of address	MUST	A2	A2					In the case that No.37 function is implemented, this function is mandotory.
39				The mobile node MUST NOT use the Home Address destination option when sending MLD packets [17]	MUST NOT	A2	A2					In the case that No.37 function is implemented, this function is mandotory.



No.	RFC	RFC	Itama	Functional Specification	RFC	Functional	-	TEST		Test PR	OFILE	Reason of TEST Priority
INO.	Section	Section title	Item	1	Status	Rank		HA	CN	Supported	Test No.	
40				Alternatively, a mobile node MAY join multicast groups via a bi-directional tunnel to its home agent. The mobile node tunnels its multicast group membership control packets (such as those defined in [17] or in [37]) to its home agent, and the home agent forwards multicast packets down the tunnel to the mobile node.	MAY	В	В					Multicast
41				A mobile node MUST NOT tunnel multicast group membership control packets until (1) the mobile node has a binding in place at the home agent, and (2) the latter sends at least one multicast group membership control packet via the tunnel. Once this condition is true, the mobile node SHOULD assume it does not change as long as the binding does not expire.	MUST NOT/SH OULD	A	A2					In the case that No.40 functions is implemented, this function is mandotory.
42				The application is aware of the care-of address and uses it as a source address for multicast traffic, just like it would use a stationary address. The mobile node MUST NOT use Home Address destination option in such traffic.	MUST NOT	A	A2					In the case that No.37 function is implemented, this function is mandotory.



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	-	TEST		Test PF	ROFILE	Reason of TEST Priority
INO.	Section	Section title	item		Status	Rank		HA	CN	Supported	Test No.	Reason of TEST Priority
43				Because multicast routing in general depends upon the Source Address used in the IPv6 header of the multicast packet, a mobile node that tunnels a multicast packet to its home agent MUST use its home address as the IPv6 source adddress of the inner multicast packet.	MUST	A	A2					In the case that No.40 functions is implemented, this function is mandotory.
44	11.3.5	ICMP Error Messages	Parameter	Mobility header will return an ICMP Parameter Problem, Code 1, message to the sender of the packet. If the mobile node receives such an ICMP error message in response to a return routability procedure or Binding Update, it SHOULD record in its Binding Update List that future	SHOULD	A	->	A1	A2	Х	NEMO- MR-6-2-2- 1-001	This function is implementaion-dependent. It does not effect on interoperability.
45				Binding Updates SHOULD NOT be sent to this destination. Such Binding Update List entries SHOULD be removed after a period of time in order to allow for retrying route optimization.	SHOULD NOT	A	->	A1	A2	Х	NEMO- MR-6-2-2- 1-001	This function is implementaion-dependent. It does not effect on interoperability.



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	,	TEST	-	Test PR	OFILE	Reason of TEST Priority
110.	Section	Section title	Item	runctional Specification	Status	Rank		HA	CN	Supported	Test No.	Reason of TEST Priority
46					SHOULD	A	->	A1	A2			This function is implementaion-dependent. It does not effect on interoperability.
47				New Binding Update List entries MUST NOT be created as a result of receiving ICMP error messages.	MUST NOT	A	A2					Route Optimization
48			ICMP Parameter Problem, Code2	Correspondent nodes who have participated in the return routability procedure MUST implement the ability to correctly process received packets containing a Home Address destination option. Therefore, correctly implemented correspondent nodes should always be able to recognize Home Address options.	MUST	A	A2					This function is tested as CN test.
49				If a mobile node receives an ICMP Parameter Problem, Code 2, message from some node indicating that it does not support the Home Address option, the mobile node SHOULD log the error and then discard the ICMP message.	SHOULD	A	^	A1	A2			CN : Route Optimization



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	,	TEST	7	Test PR	OFILE	Reason of TEST Priority
110.		Section title	rtem	-	Status	Rank		HA		Supported	Test No.	
50	11.3.6	Receiving Binding Error Messages		When a mobile node receives a packet containing a Binding Error message, it should first check if the mobile node has a Binding Update List entry for the source of the Binding Error message. If the mobile node does not have such an entry, it MUST ignore the message. This is necessary to prevent a waste of resources on, e.g., return routability procedure due to spoofed Binding Error messages.	MUST	A	->	A1	A2			CN : Route Optimization
51			was 1 (unknown binding for Home Address destination option), the	o If the mobile node has recent upper layer progress information, which indicates that communications with the correspondent node are progressing, it MAY ignore the message. This can be done in order to limit the damage that spoofed Binding Error messages can cause to ongoing communications.	MAY	С	-					Function that uses upper or lower layer information
52				o If the mobile node has no upper layer progress information, it MUST remove the entry and route further communications through the home	MUST	A	->	A1	A2			CN : Route Optimization



No	RFC	RFC	Item	Functional Charification	RFC	Functional		TEST	ſ	Test PR	ROFILE	Dangan of TEST Drignity
No.	Section	Section title	item	Functional Specification	Status	Rank		HA	CN	Supported	Test No.	Reason of TEST Priority
53				agent. It MAY also optionally start a return routability procedure (see Section 5.2).	MAY	В	В					Return Routability
54			If the message Status field was 2 (unrecognized MH Type value), the mobile node should perform one of the following two actions:	o If the mobile node is not expecting an acknowledgement or response from the correspondent node, the mobile node SHOULD ignore this message.	SHOULD	A	^	A1	A2			CN : Route Optimization
55				o Otherwise, the mobile node SHOULD cease the use of any extensions to this specification. If no extensions had been used, the mobile node should cease the attempt to use route optimization.	SHOULD	A	^	A1	A2			CN : Route Optimization



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PF	ROFILE	Reason of TEST Priority
110.	Section	Section title	Item	-	Status	Rank	Priority	Supported	Test No.	· ·
1	11.4.1.	Home Agent Address Discovery	its home link may have been reconfigured while the mobile node		MAY	В	В	X	NEMO- MR-5-1-1- 1-001 NEMO- MR-5-1-1- 1-005	DHAAD
2				The mobile node, upon receiving this Home Agent Address Discovery Reply message, MAY then send its home registration Binding Update to any of the unicast IP addresses listed in the Home Agent Addresses field in the Reply.	MAY	В	В	Х	NEMO- MR-5-1-2- 1-002 NEMO- MR-5-1-2- 1-016 NEMO- MR-5-1-2- 1-021	DHAAD



N.T.	RFC	RFC	T,		RFC	Functional	TEST	Test PF	ROFILE	D CTTCT D : 14
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
3				For example, the mobile node MAY attempt its home registration to each of these addresses, in turn, until its registration is accepted. The mobile node sends a Binding Update to an address and waits for the matching Binding Acknowledgement, moving on to the next address if there is no response. The mobile node MUST, however, wait at least InitialBindackTimeoutFirstReg seconds (see Section 13) before sending a Binding Update to the next home agent.	MAY	В	В	X	NEMO- MR-5-1-2- 1-028 NEMO- MR-5-1-2- 1-029	DHAAD
4					MUST	A	A2		1-028 NEMO- MR-5-1-2- 1-029	In the case that No.3 function is implemented, this function is mandotory.
5				In trying each of the returned home agent addresses, the mobile node SHOULD try each of them in the order they appear in the Home Agent Addresses field in the received Home Agent Address Discovery Reply message.	SHOULD	A	A2	X	NEMO- MR-5-1-2- 1-026 NEMO- MR-5-1-2- 1-027	In the case that No.3 function is implemented, this function is mandotory.



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		ROFILE	Reason of TEST Priority
140.	Section	Section title	recin	T unctional opecimention	Status	Rank	Priority	Supported	Test No.	reason of TEST Thorney
6			Update	If the mobile node has a current registration with some home agent (the Lifetime for that registration has not yet expired), then the mobile node MUST attempt any new registration first with that home agent.	MUST	A	A1	Х	NEMO- MR-2-1-2- 1-004	
7				If that registration attempt fails (e.g., timed out or rejected), the mobile node SHOULD then reattempt this registration with another home agent. If the mobile node knows of no other	SHOULD	A	A2	X	NEMO- MR-5-1-2- 1-028	DHAAD
8				suitable home agent, then it MAY attempt the dynamic home agent address discovery mechanism described above.	MAY	В	В	X	NEMO- MR-5-1-2- 1-028	



No.	RFC	RFC	Itom	Functional Consideration	RFC	Functional	TEST	Test PF	ROFILE	Deagan of TECT Drianity
100.	Section	Section title		Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
9			Home Agent Address Discovery Request message	If, after a mobile node transmits a Home Agent Address Discovery Request message to the Home Agents Anycast address, it does not receive a corresponding Home Agent Address Discovery Reply message within INITIAL_DHAAD_TIMEOUT (see Section 12) seconds, the mobile node MAY retransmit the same Request message to the same anycast address. This retransmission MAY be repeated up to a maximum of DHAAD_RETRIES (see Section 12) attempts. Each retransmission MUST be delayed by twice the time interval of the previous retransmission.	MAY	В	В	X	NEMO- MR-5-1-1- 1-006	DHAAD
10					MAY	В	В	Х	NEMO- MR-5-1-1- 1-006	DHAAD
11					MUST	A	A2	X	NEMO- MR-5-1-1- 1-006	In the case that No.9 function is implemented, this function is mandotory.



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PF	OFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Phority
12		Sending Mobile Prefix Solicitations	Prefix Solicitation	When a mobile node has a home address that is about to become invalid, it SHOULD send a Mobile Prefix Solicitation to its home agent in an attempt to acquire fresh routing prefix information. The new information also enables the mobile node to participate in renumbering operations affecting the home network, as described in Section 10.6.	SHOULD	A	A2	X	NEMO- MR-4-1-1- 1-001	MPS
13				The mobile node MUST use the Home Address destination option to carry its home address.	MUST	A	A2	Х	NEMO- MR-4-1-1- 1-001	MPS
14				The mobile node MUS T support and SHOULD use IPsec to protect the solicitation.	MUST	A	A2	X	NEMO- MR-4-1-1- 1-001	MPS
15					SHOULD	A	A2	X	NEMO- MR-4-1-1- 1-001	MPS
16				The mobile node MUST set the Identifier field in the ICMP header to a random value.	MUST	A	A2	Х	NEMO- MR-4-1-1- 1-001	MPS



No.	RFC	RFC	Itom	Functional Specification	RFC	Functional	TEST	Test PF	ROFILE	Reason of TEST Priority
110.	Section	Section title	Item	•	Status	Rank	Priority	Supported	Test No.	5
17				As described in Section 11.7.2, Binding Updates sent by the mobile node to other nodes MUST use a lifetime no greater than the remaining lifetime of its home registration of its primary care-of address.	MUST	A	A2		NEMO- MR-2-1-2- 1-005	MPS
18				The mobile node SHOULD further limit the lifetimes that it sends on any Binding Updates to be within the remaining valid lifetime (see Section 10.6.2) for the prefix in its home address.	SHOULD	A	A2		NEMO- MR-4-2-1- 1-004	MPS
19			Retransmit a Mobile Prefix Solicitation	When the lifetime for a changed prefix decreases, and the change would cause cached bindings at correspondent nodes in the Binding Update List to be stored past the newly shortened lifetime, the mobile node MUST issue a Binding Update to all such correspondent nodes.	MUST	A	A2			MPS
20	11.4.3.	Prefix	Adjustment at Binding Lifetime for Corespondent Node	The Source Address of the IP packet carrying the Mobile Prefix Advertisement is the same as the home agent address to which the mobile node last sent an accepted home registration Binding Update to register its primary care-of address. Otherwise, if no such registrations	SHOULD	A	A2			MPA



No.	RFC	RFC	Item	Eurotianal Cresification	RFC	Functional	TEST	Test PF	ROFILE	Deagan of TECT Deignity
100.	Section	Section title	item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
21				have been made, it SHOULD be the mobile node's stored home agent address, if one exists. Otherwise, if the mobile node has not yet discovered its home agent's address, it MUST NOT accept Mobile Prefix Advertisements.	MUST NOT	A	A2		NEMO- MR-4-2-1- 1-012 NEMO- MR-4-2-1- 1-004	MPA
22				The packet MUST have a type 2 routing header and SHOULD be protected by an IPsec header as described in Section 5.4 and Section 6.8.	MUST	A	A2		NEMO- MR-4-2-1- 1-001 NEMO- MR-4-2-1- 1-013	MPA
23					SHOULD	A	A2	X	NEMO- MR-4-2-1- 1-001	MPA
24				If the ICMP Identifier value matches the ICMP Identifier value of the most recently sent Mobile Prefix Solicitation and no other advertisement has yet been received for this value, then the advertisement is considered to be solicited and will be processed further.	(do)	A	A2		NEMO- MR-4-2-1- 1-001 NEMO- MR-4-2-1- 1-015	MPA



No.	RFC	RFC	Item	Functional Specification	RFC	Functional			ROFILE	Reason of TEST Priority
	Section	Section title			Status	Rank	Priority	Supported	Test No.	
25				Otherwise, the advertisement is unsolicited, and MUST be discarded. In this case the mobile node SHOULD send a Mobile Prefix Solicitation.	MUST/S HOULD	A	A2	Х	NEMO- MR-4-1-1- 1-002 NEMO- MR-4-2-1- 1-014	MPA
26				Any received Mobile Prefix Advertisement not meeting these tests MUST be silently discarded.	MUST	A	A2	X	NEMO- MR-4-2-1- 1-013 NEMO- MR-4-2-1- 1-012	MPA



No	RFC	RFC	Itom	Functional Specification	RFC	Functional	TEST	Test PR	OFILE	Passan of TEST Priority
110.	Section	Section title	rtem	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Thority
No. 27		Section title		Functional Specification For an accepted Mobile Prefix Advertisement, the mobile node MUST process Managed Address Configuration (M), Other Stateful Configuration (O), and the Prefix Information Options as if they arrived in a Router Advertisement [12] on the mobile node's home link.(This specification does not, however, describe how to acquire home addresses through stateful protocols.) Such processing may result in the mobile node configuring a new home address, although due to separation between preferred lifetime and valid lifetime, such changes should not affect most communications by the mobile node, in the same way as for nodes that are at home.						Reason of TEST Priority stateful address autoconfiguration



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PR	OFILE	Reason of TEST Priority
INO.	Section	Section title	Item	runctional Specification	Status	Rank	Priority	Supported	Test No.	J
1	11.5.1.	Movement Detection	The opportunity of move detection	Generic movement detection uses Neighbor Unreachability Detection to detect when the default router is no longer bi-directionally reachable, in which case the mobile node must discover a new default router (usually on a new link). However, this detection only occurs when the mobile node has packets to send, and in the absence of frequent Router Advertisements or indications from the link-layer, the mobile node might become unaware of an L3 handover that occurred. Therefore, the mobile node should supplement this method with other information whenever it is available to the mobile node (e.g., from lower protocol layers).	(do)	С				Function that uses upper or lower layer information
2				When the mobile node detects an L3 handover, it performs Duplicate Address Detection [13] on its link-local address, selects a new default router as a consequence of Router Discovery, and then performs Prefix Discovery with that new router to form new care-of address(es) as described in Section 11.5.2. It then registers its new primary care-of address with its home agent as described in Section 11.7.1.	(do)	A	A1		NEMO- MR-2-1-2- 1-001	Movement Detection



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PF	OFILE	Reason of TEST Priority
110.	Section	Section title	rtem	-	Status	Rank	Priority	Supported	Test No.	· ·
3				After updating its home registration, the mobile node then updates associated mobility bindings in correspondent nodes that it is performing route optimization with as specified in Section 11.7.2.	(do)	A	A2			Route Optimization
4				Due to the temporary packet flow disruption and signaling overhead involved in updating mobility bindings, the mobile node should avoid performing an L3 handover until it is strictly necessary. Specifically, when the mobile node receives a Router Advertisement from a new router that contains a different set of on-link prefixes, if the mobile node detects that the currently selected default router on the old link is still bi-directionally reachable, it should generally continue to use the old router on the old link rather than switch away from it to use a new default router.	(do)	A	A1	X	NEMO- MR-3-3-1- 1-002	Movement detection



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank	TEST Priority	Test PF Supported	ROFILE Test No.	Reason of TEST Priority
5				Mobile nodes can use the information in received Router Advertisements to detect L3 handovers. In doing so the mobile node needs to consider the following issues: - There might be multiple routers on the same link, thus hearing a new router does not necessarily constitute an L3 handover.	(do)	A	A1	X	NEMO- MR-3-3-1- 1-002	Movement Detection
6				When there are multiple routers on the same link they might advertise different prefixes. Thus even hearing a new router with a new prefix might not be a reliable indication of an L3 handover.	(do)	A	A1	X	NEMO- MR-3-3-1- 1-002	Movement detection



No.	RFC	RFC	Item	Functional Specification	RFC	Functional		Test PF	ROFILE	Reason of TEST Priority
110.	Section	Section title	reem	T directional Specification	Status	Rank	Priority	Supported	Test No.	recusor of TEST Triority
				The link-local addresses of routers are	(do)	A	A1	X	NEMO-	Movement Detection
				not globally unique, hence after					MR-3-3-1-	
				completing an L3 handover the mobile					1-005	
				node might continue to receive Router						
				Advertisements with the same link-						
				<u>local source address. This might be</u>						
7				common if routers use the same link-						
1 '				<u>local address on multiple interfaces.</u>						
				This issue can be avoided when						
				routers use the Router Address (R) bit,						
				since that provides a global address of						
				<u>the router.</u>						



No RFC RFC Test PROFILE RFC Functional TEST Test PROFILE Recognition	Reason of TEST Priority
No. Section Section title Item Functional Specification Status Rank Priority Supported Test No.	Reason of TEST Priority
In addition, the mobile node should (do) B B This consider the following events as impining indications that an L3 handover may have occurred. Upon receiving such effective fields and the first the following events as impining the first the first the following events as impining the first the firs	his function is applementaion- ependent. It does not fect on atteroperability.



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PF	ROFILE	Reason of TEST Priority
140.	Section	Section title	rtem	-	Status	Rank	Priority	Supported	Test No.	Reason of TEST Thorney
9				Neighbor Unreachability Detection determines that the default router is no longer reachable.	(do)	В	В	Х	NEMO- MR-3-3-1- 1-003	This function is implementaion-dependent. It does not effect on interoperability.
10				With some types of networks, notification that an L2 handover has occurred might be obtained from lower layer protocols or device driver software within the mobile node. While further details around handling L2 indications as movement hints is an item for further study, at the time of writing this specification the following is considered reasonable: An L2 handover indication may or may not imply L2 movement and L2 movement may or may not imply L3 movement; the correlations might be a function of the type of L2 but might also be a function of actual deployment of the wireless topology.	(do)	C				Function that uses upper or lower layer information



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PF	OFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
11				Unless it is well-known that an L2 handover indication is likely to imply L3 movement, instead of immediately multicasting a router solicitation it may be better to attempt to verify whether the default router is still bidirectionally reachable. This can be accomplished by sending a unicast Neighbor Solicitation and waiting for a Neighbor Advertisement with the solicited flag set. Note that this is similar to Neighbor Unreachability detection but it does not have the same state machine, such as the STALE state.	(do)	С	-			Function that uses upper or lower layer information
12				If the default router does not respond to the Neighbor Solicitation it makes sense to proceed to multicasting a Router Solicitation.	(do)	В	В			This function is implementaion-dependent. It does not effect on interoperability.
13	11.5.2.	New Care-of	address	After detecting that it has moved a mobile node SHOULD generate a new primary care-of address using normal IPv6 mechanisms. This SHOULD	SHOULD	A	A1	X	NEMO- MR-3-2-1- 1-001	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PR	OFILE	Reason of TEST Priority
INO.	Section	Section title	rtem	•	Status	Rank	Priority	Supported	Test No.	Reason of TEST Thority
14				care-of address becomes deprecated.	SHOULD	A	A2			This function is implementaion-dependent. The matter on which MN judges the current primary care-of address to be deprecated without movement detection.
15				A mobile node MAY form a new primary care-of address at any time, but a mobile node MUST NOT send a Binding Update about a new care-of address to its home agent more than	MAY	С	-			This function is implementaion-dependent. It does not effect on interoperability.
16				MAX_UPDATE_RATE times within a second.	MUST NOT	A	A2			In the case that No.15 function is implemented, this function is mandotory. This function is implementaion-dependent. The matter into which primary care-of address is changed MAX_UPDATE_RATE times within a second.
17				In addition, a mobile node MAY form new non-primary care-of addresses even when it has not switched to a new default router. A mobile node can have only one primary care-of address	MAY	С	-			This function is implementaion-dependent. It does not effect on interoperability.



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PR	OFILE	Reason of TEST Priority
140.	Section	Section title	Item	-	Status	Rank	Priority	Supported	Test No.	Reason of TEST Thority
18				home agent), but it MAY have an additional care-of address for any or all of the prefixes on its current link.	MAY	С	1			
19				Furthermore, since a wireless network interface may actually allow a mobile node to be reachable on more than one link at a time (i.e., within wireless transmitter range of routers on more than one separate link), a mobile node MAY have care-of addresses on more than one link at a time. The use of more than one care-of address at a time is described in Section 11.5.3.	MAY	С	-			Multiple Care-of Address
20				As described in Section 4, in order to form a new care-of address, a mobile node MAY use either stateless [13] or stateful (e.g., DHCPv6 [29]) Address Autoconfiguration. If a mobile node needs to use a source address (other than the unspecified address) in packets sent as a part of address	MAY	В	В		NEMO- MR-3-2-1- 1-001 Both tests are for stateless address.	Support of stateful address is optional
21				autoconfiguration, it MUST use an IPv6 link-local address rather than its own IPv6 home address.	MUST	A	A1		NEMO- MR-3-2-1- 1-001	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PF	OFILE	Reason of TEST Priority
110.	Section	Section title	Item	•	Status	Rank	Priority	Supported	Test No.	J
22				RFC 2462 [13] specifies that in normal processing for Duplicate Address Detection, the node SHOULD delay sending the initial Neighbor Solicitation message by a random delay between 0 and MAX_RTR_SOLICITATION_DELAY. Since delaying DAD can result in significant delays in configuring a new care-of address when the Mobile Node moves to a new link, the Mobile Node preferably SHOULD NOT delay DAD when configuring a new care-of address. The Mobile Node SHOULD delay according to the mechanisms specified in RFC 2462 unless the implementation has a behavior that desynchronizes the steps that happen before the DAD in the case that multiple nodes experience handover at the same time. Such desynchronizing behaviors might be due to random delays in the L2 protocols or device drivers, or due to the movement detection mechanism that is used.	SHOULD	A	A2			This function is optional



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PR	OFILE	Reason of TEST Priority
INO.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	· ·
23					SHOULD	A	A2			This function is optional
24					SHOULD	A	A2			This function is optional
25	11.5.3.	Multiple	Two or more care-of address	As described in Section 11.5.2, a mobile node MAY use more than one care-of address at a time. Particularly in the case of many wireless networks, a mobile node effectively might be reachable through multiple links at the same time (e.g., with overlapping wireless cells), on which different onlink subnet prefixes may exist.	MAY	С	-			Multiple Care-of Address



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank	TEST Priority	Test PF Supported	OFILE Test No.	Reason of TEST Priority
26				The mobile node MUST ensure that its primary care-of address always has a prefix that is advertised by its current default router.	MUST	A	A1	X	NEMO- MR-2-1-1- 1-001	
27				After selecting a new primary care-of address, the mobile node MUST send a Binding Update containing that care-of address to its home agent.	MUST	A	A1	X	NEMO- MR-2-1-1- 1-001	
28				The Binding Update MUST have the Home Registration (H) and Acknowledge (A) bits set its home agent, as described on Section 11.7.1.	MUST	A	A1	Х	NEMO- MR-2-1-1- 1-001	



Nie	RFC	RFC	Itom	Functional Specification	RFC	Functional	TEST	Test PR	OFILE	Reason of TEST Priority
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
29			the previous primary care-of address	To assist with smooth handovers, a mobile node SHOULD retain its previous primary care-of address as a (non-primary) care-of address, and SHOULD still accept packets at this address, even after registering its new primary care-of address with its home agent. This is reasonable, since the mobile node could only receive packets at its previous primary care-of address if it were indeed still connected to that link. If the previous primary care-of address was allocated using stateful Address Autoconfiguration [29], the mobile node may not wish to release the address immediately upon switching to a new primary care-of address.	SHOULD	A	A2			This function is implementaion-dependent. It does not effect on interoperability.
30					SHOULD	A	A2			



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PF	ROFILE	Reason of TEST Priority
100.	Section	Section title	item	•	Status	Rank	Priority	Supported		Reason of TEST Priority
31				Whenever a mobile node determines that it is no longer reachable through a given link, it SHOULD invalidate all care-of addresses associated with address prefixes that it discovered from routers on prefixes advertised by the (possibly new)current default router.	SHOULD	A	A1	х	NEMO- MR-3-3-1- 1-004	
32		Home	move detection (returning home)	A mobile node detects that it has returned to its home link through the movement detection algorithm in use (Section 11.5.1), when the mobile node detects that its home subnet prefix is again on-link. The mobile node SHOULD then send a Binding Update to its home agent, to instruct its home agent to no longer intercept or tunnel packets for it.	SHOULD	A	A2	Х	NEMO- MR-2-1-3- 1-001	Returning Home
33				In this home registration, the mobile node MUST set the Acknowledge (A) and Home Registration (H) bits, set the Lifetime field to zero, and set the care-of address for the binding to the mobile node's own home address.	MUST	A	A2	X	NEMO- MR-2-1-3- 1-001	Returning Home



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PF	ROFILE	Reason of TEST Priority
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
34				The mobile node MUST use its home address as the source address in the Binding Update.	MUST	A	A2	X	NEMO- MR-2-1-3- 1-001	Returning Home
35				When sending this Binding Update to its home agent, the mobile node must be careful in how it uses Neighbor Solicitation [12] (if needed) to learn the home agent's link-layer address, since the home agent will be currently configured to intercept packets to the mobile node's home address using Duplicate Address Detection (DAD). In particular, the mobile node is unable to use its home address as the Source Address in the Neighbor Solicitation until the home agent stops defending the home address.	(do)	A	A2	X	NEMO- MR-2-1-3- 1-001	Returning Home



	RFC	RFC			RFC	Functional	TEST	Test PF	OFII E	
No.		Section title	Item	Functional Specification	Status	Rank		Supported		Reason of TEST Priority
36				Neighbor Solicitation by the mobile node for the home agent's address will normally not be necessary, since the mobile node has already learned the home agent's link-layer address from a Source Link-Layer Address option in a Router Advertisement. However, if there are multiple home agents it may still be necessary to send a solicitation. In this special case of the mobile node returning home, the mobile node MUST multicast the packet, and in addition set the Source Address of this Neighbor Solicitation to the unspecified address (0:0:0:0:0:0:0:0:0). The target of the Neighbor Solicitation MUST be set to the mobile node's home address. The destination IP address MUST be set to the Solicited-Node multicast address [3]. The home agent will send a multicast Neighbor Advertisement back to the mobile node with the Solicited flag (S) set to zero. In any case, the mobile node SHOULD record the information from the Source Link-Layer Address option or from the advertisement, and set the state of the Neighbor Cache entry for the home agent to REACHABLE.	MUST	A	A2	X	NEMO- MR-2-1-3- 1-007 NEMO- MR-2-2-2- 1-001	Multiple Homa Agent support is optional. Returning Home



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST		ROFILE	Reason of TEST Priority
110.	Section	Section title	Itelli	Functional Specification	Status	Rank		Supported		Reason of TEST Friority
37					MUST	A	A2		NEMO- MR-2-1-3- 1-007 NEMO- MR-2-2-2- 1-001	
38					MUST	A	A2		NEMO- MR-2-1-3- 1-007 NEMO- MR-2-2-2- 1-001	
39					SHOULD	A	A2		NEMO- MR-2-1-3- 1-007 NEMO- MR-2-2-2- 1-001	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PF	ROFILE	Reason of TEST Priority
140.	Section	Section title	Item	runctional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Thority
40			Transmission of Binding Update at returning home	The mobile node then sends its Binding Update to the home agent's link-layer address, instructing its home agent to no longer serve as a home agent for it. By processing this Binding Update, the home agent will cease defending the mobile node's home address for Duplicate Address Detection and will no longer respond to Neighbor Solicitations for the mobile node's home address. The mobile node is then the only node on the link receiving packets at the mobile node's home address. In	MUST NOT	A	A2	X	NEMO- MR-2-1-3- 1-001	Returning Home
41				addition, when returning home prior to the expiration of a current binding for its home address, and configuring its home address on its network interface on its home link, the mobile node MUST NOT perform Duplicate Address Detection on its own home address, in order to avoid confusion or conflict with its home agent's use of the same address. This rule also applies to the derived link-local address of the mobile node, if the Link Local Address Compatibility (L) bit was set when the binding was created. If the mobile node returns home after the bindings for all of its care-of address SHOULD perform DAD.	SHOULD	A	A2	X	NEMO- MR-3-4-1- 1-002	Returning Home



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PF	ROFILE	Reason of TEST Priority
110.	Section	Section title	Item	-	Status	Rank	Priority	Supported	Test No.	Reason of TEST Friority
42				After the Mobile Node sends the Binding Update, it MUST be prepared to reply to Neighbor Solicitations for its home address. Such replies MUST be sent using a unicast Neighbor Advertisement to the sender's linklayer address. It is necessary to reply, since sending the Binding	MUST	A	A2	Х	NEMO- MR-2-2-2- 1-027	Returning Home
43				Acknowledgement from the home agent may require performing Neighbor Discovery, and the mobile node may not be able to distinguish Neighbor Solicitations coming from the home agent from other Neighbor Solicitations. Note that a race condition exists where both the mobile node and the home agent respond to the same solicitations sent by other nodes; this will be only temporary, however, until the Binding Update is accepted.	MUST	A	A2	X	NEMO- MR-2-2-2- 1-027	Returning Home
44			Transmission of Neighbor Advertisement after reception of Binding Acknowledgem ent	After receiving the Binding Acknowledgement for its Binding Update to its home agent, the mobile node MUST multicast onto the home link (to the all-nodes multicast address) a Neighbor Advertisement [12], to advertise the mobile node's own link-layer address for its own home address. The Target Address in this Neighbor Advertisement MUST be	MUST	A	A2	X	NEMO- MR-3-4-1- 1-001	Returning Home



No	RFC	RFC	Itama	Eurotional Cresification	RFC	Functional	TEST	Test PF	ROFILE	Reason of TEST Priority
No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
45				set to the mobile node's home address, and the Advertisement MUST include a Target Link-layer Address option specifying the mobile node's link-layer address. The mobile node MUST multicast such a Neighbor Advertisement for each of its home addresses, as defined by the current on-link prefixes, including its link-local address and site-local address.	MUST	A	A2	X	NEMO- MR-3-4-1- 1-001	
46					MUST	A	A2	X	NEMO- MR-3-4-1- 1-001	
47				The Solicited Flag (S) in these Advertisements MUST NOT be set, since they were not solicited by any Neighbor Solicitation. The Override Flag (O) in these Advertisements MUST be set, indicating that the Advertisements SHOULD override	MUST NOT	A	A2	X	NEMO- MR-3-4-1- 1-001	Returning Home



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PF	ROFILE	Deagan of TEST Drianity
110.	Section	Section title	Item	•	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
48				any node receiving them.	MUST	A	A2	X	NEMO- MR-3-4-1- 1-001	
49					SHOULD	A	A2	X	NEMO- MR-3-4-1- 1-001	
50				Since multicasting on the local link (such as Ethernet) is typically not guaranteed to be reliable, the mobile node MAY retransmit these Neighbor Advertisements [12] up to MAX_NEIGHBOR_ADVERTISEMEN T times to increase their reliability. It is still possible that some nodes on the home link will not receive any of these Neighbor Advertisements, but these nodes will eventually be able to recover through use of Neighbor Unreachability Detection [12].	MAY	С	-			IPv6 core function which is not modified to achieve Mobile IPv6 function



No.	RFC	RFC	Itoma	Eurotional Cresification	RFC	Functional	TEST	Test PR	OFILE	Desgan of TECT Descrite
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
1	11.6.1	Sending Test Init Messages		A mobile node that initiates a return routability procedure MUST send (in parallel) a Home Test Init message and a Care-of Test Init messages.	MUST	A	A2			Return Routability
2				However, if the mobile node has recently received (see Section 5.2.7) one or both home or care-of keygen tokens, and associated nonce indices for the desired addresses, it MAY reuse them.	MAY	В	В			Return Routability Procedure between MN and HA
3				A Home Test Init message MUST be created as described in Section 6.1.3.	MUST	A	A2			Return Routability
4				A Care-of Test Init message MUST be created as described in Section 6.1.4.	MUST	A	A2			Return Routability
5			_	o The IP address of the node to which the message was sent.	MUST	A	A2			Return Routability



No.	RFC	RFC	Itomo	Eurotional Crossification	RFC	Functional	TEST	Test PR	OFILE	Decay of TECT Descrite
100.	Section	Section title		Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
6			message the mobile node MUST record in its Binding Update List the following fields from the messages:	o The home address of the mobile node. This value will appear in the Source Address field of the Home Test Init message. When sending the Care-of Test Init message, this address does not appear in the message, but represents the home address for which the binding is desired.	MUST	A	A2			Return Routability
7				o The time at which each of these messages was sent.	MUST	A	A2			Return Routability
8				o The cookies used in the messages.	MUST	A	A2			Return Routability
9				Note that a single Care-of Test Init message may be sufficient even when there are multiple home addresses. In this case the mobile node MAY record the same information in multiple Binding Update List entries.	MAY	В	В			Multiple Home Addresses



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PR		Reason of TEST Priority
110.	Section	Section title	rtem	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Friority
10	11.6.2	Messages	Upon receiving a packet carrying a Home Test message, a mobile node MUST validate the packet	o The Source Address of the packet belongs to a correspondent node for which the mobile node has a Binding Update List entry with a state indicating that return routability procedure is in progress. Note that there may be multiple such entries.	MUST	A	A2			Return Routability
11			according to	o The Binding Update List indicates that no home keygen token has been received yet.	MUST	A	A2			Return Routability
12				o The Destination Address of the packet has the home address of the mobile node, and the packet has been received in a tunnel from the home agent.	MUST	A	A2			Return Routability
13				o The Home Init Cookie field in the message matches the value stored in the Binding Update List.	MUST	A	A2			Return Routability



No.	RFC	RFC	Itom	Functional Specification	RFC	Functional	TEST	Test PR	OFILE	Reason of TEST Priority
100.	Section	Section title	Item	•	Status	Rank	Priority	Supported	Test No.	ű
14				Any Home Test message not satisfying all of these tests MUST be silently ignored. Otherwise, the mobile node MUST record the Home Nonce Index and home keygen token in the Binding Update List. If the Binding Update List entry does not have a care-of keygen token, the mobile node SHOULD continue waiting for the Care-of Test message.	MUST	A	A2			Return Routability
15					MUST	A	A2			Return Routability
16					SHOULD	A	A2			Return Routability
17			a packet carrying a Care-of Test message, a mobile node	o The Source Address of the packet belongs to a correspondent node for which the mobile node has a Binding Update List entry with a state indicating that return routability procedure is in progress. Note that there may be multiple such entries.	MUST	A	A2			Return Routability
18				o The Binding Update List indicates that no care-of keygen token has been received yet.	MUST	A	A2			Return Routability



No.	RFC	RFC	Item	Functional Cresification	RFC	Functional	TEST	Test PR	OFILE	Reason of TEST Priority
INO.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	ű
19				o The Destination Address of the packet is the current care-of address of the mobile node.	MUST	A	A2			Return Routability
20				o The Care-of Init Cookie field in the message matches the value stored in the Binding Update List.	MUST	A	A2			Return Routability
21				Any Care-of Test message not satisfying all of these tests MUST be silently ignored. Otherwise, the mobile node MUST record the Care-of Nonce Index and care-of keygen token in the Binding Update List. If the Binding Update List entry does not have a home keygen token, the mobile node SHOULD continue waiting for the Home Test message.	MUST	A	A2			Return Routability
22					MUST	A	A2			Return Routability
23					SHOULD	A	A2			Return Routability



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	TEST	Test PR	OFILE	Reason of TEST Priority
110.	Section	Section title		1	Status	Rank	Priority	Supported	Test No.	3
24				If after receiving either the Home Test or the Care-of Test message and performing the above actions, the Binding Update List entry has both the home and the care-of keygen tokens, the return routability procedure is complete. The mobile node SHOULD then proceed with sending a Binding Update as described in Section 11.7.2.	SHOULD	A	A2			Return Routability
25				Correspondent nodes from the time before this specification was published may not support the Mobility Header protocol. These nodes will respond to Home Test Init and Care-of Test Init messages with an ICMP Parameter Problem code 1. The mobile node SHOULD take such messages as an indication that the correspondent node cannot provide route optimization, and revert back to the use of bidirectional tunneling.	SHOULD	A	A2			Return Routability
26		Protecting Return Routability Packets		The mobile node MUST support the protection of Home Test and Home Test Init messages as described in Section 10.4.6.	MUST	A	A2			Return Routability



No.	RFC	RFC	Itama	Functional Consideration	RFC	Functional	TEST	Test PR	OFILE	Desger of TECT Descrite
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
27				When IPsec is used to protect return routability signaling or payload packets, the mobile node MUST set the source address it uses for the outgoing tunnel packets to the current primary care-of address. The mobile node starts to use a new primary care-of address immediately after sending a Binding Update to the home agent to register this new address.		A	A2			Return Routability



No.	RFC	RFC	T4	Functional Specification	RFC	functional		TEST	[Test PI	ROFILE	D CTECT D.:
INO.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
1	11.7.1	Sending Binding Updates to the Home Agent	Registration of the primary care-of address	After deciding to change its primary care-of address as described in Sections 11.5.1 and 11.5.2, a mobile node MUST register this care-of address with its home agent in order to make this its primary care-of address.	MUST	A	A1			X	NEMO- MR-2-1-1- 1-001	
2				Also, if the mobile node wants the services of the home agent beyond the current registration period, the mobile node SHOULD send a new Binding Update to it well before the expiration of this period, even if it is not changing its primary care-of address.	SHOULD	A	A1			X	NEMO- MR-2-1-2- 1-004	
3				However, if the home agent returned a Binding Acknowledgement for the current registration with Status field set to 1 (accepted but prefix discovery necessary), the mobile node should not try to register again before it has learned the validity of its home prefixes through mobile prefix discovery. This is typically necessary every time this Status value is received, because information learned earlier may have changed.	(do)	A	A1					Home Registration



NI-	RFC	RFC	T+	F	RFC	functional		TEST		Test PI	ROFILE	D CTECT D.:
No.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
4			Generating of the Binding Update packet	o The Home Registration (H) bit MUST be set in the Binding Update.	MUST	A	A1			X	NEMO- MR-2-1-1- 1-001	
5				o The Acknowledge (A) bit MUST be set in the Binding Update.	MUST	A	A1			X	NEMO- MR-2-1-1- 1-001	
6				o The packet MUST contain a Home Address destination option, giving the mobile node's home address for the binding.	MUST	A	A1			X	NEMO- MR-2-1-1- 1-001	
7				o The care-of address for the binding MUST be used as the Source Address in the packet's IPv6 header, unless an Alternate Care-of Address mobility option is included in the Binding Update.	MUST	A	A1					
8				This option MUST be included in all home registrations, as the ESP protocol will not be able to protect care-of addresses in the IPv6 header. (Mobile IPv6 implementations that know they are using IPsec AH to protect a particular message might avoid this option. For brevity the usage of AH is not discussed in this document.)	MUST	A	A1			X	NEMO- MR-2-1-1- 1-001	



NI-	RFC	RFC	T4	F	RFC	functional	Т	EST		Test PI	ROFILE	D CTECT D.:
No.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
9				o If the mobile node's link-local address has the same interface identifier as the home address for which it is supplying a new care-of address, then the mobile node SHOULD set the Link-Local Address Compatibility (L) bit.	SHOULD	A	A2			X		this function depends on how to generate Home Address
10				o If the home address was generated using RFC 3041 [18], then the link local address is unlikely to have a compatible interface identifier. In this case, the mobile node MUST clear the Link-Local Address Compatibility (L) bit.	MUST	A	A2			X		this function depends on how to generate Home Address
11				o If the IPsec security associations between the mobile node and the home agent have been established dynamically, and the mobile node has the capability to update its endpoint in	SHOULD	A	A2			Х	MR-1-2-1- 1-014	IKE
12				the used key management protocol to the new care-of address every time it moves, the mobile node SHOULD set the Key Management Mobility Capability (K) bit in the Binding Update. Otherwise, the mobile node MUST clear the bit.	MUST	A	A2			Х	NEMO- MR-2-1-1- 1-004 NEMO- MR-1-2-1- 1-012	IKE



No.	RFC	RFC	T4	E	RFC	functional	,	TEST	1	Test PI	ROFILE	D CTECT D.:
INO.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
			A setup of a	The value specified in the Lifetime	MUST	Α	A1			X	NEMO-	
			Lifetime field	field MUST be non-zero and SHOULD							MR-2-1-2-	
			value	be less than or equal to the remaining							1-005	
				valid lifetime of the home address and							NEMO-	
				the care-of address specified for the							MR-2-1-1-	
				binding.							1-006	
											NEMO-	
											MR-2-1-1-	
											1-007	
13					SHOULD	Λ	A1			X	NEMO-	
10					SHOULD	Α	AI			Λ	MR-2-1-2-	
											1-005	
											1-003 NEMO-	
											MR-2-1-1-	
											1-006	
											NEMO-	
											MR-2-1-1-	
											1-007	
											1 007	



NI-	RFC	RFC	T4	F	RFC	functional	T	EST		Test PR	OFILE	D CTECT D.:: .
No.	Section	Section title	Item	Functional Specification	status	rank		HA (CN	supported	Test No.	Reason of TEST Priority
14				Mobile nodes that use dynamic home agent address discovery should be careful with long lifetimes. If the mobile node loses the knowledge of its binding with a specific home agent, registering a new binding with another home agent may be impossible as the previous home agent is still defending the existing binding. Therefore, to ensure that mobile nodes using home agent address discovery do not lose information about their binding, they SHOULD de-register before losing this information, or use small lifetimes.	SHOULD	A	A2					This function is implementaion-dependent. It does not effect on interoperability.
15			of the Binding	As described in Section 6.1.8, the mobile node SHOULD retransmit this Binding Update to its home agent until it receives a matching Binding Acknowledgement.	SHOULD	A	A2				NEMO- MR-2-1-1- 1-013 NEMO- MR-2-1-2- 1-006	retransmission of Binding Update
16				Once reaching a retransmission timeout period of MAX_BINDACK_TIMEOUT, the mobile node SHOULD restart the process of delivering the Binding Update, but trying instead the next home agent returned during dynamic home agent address discovery (see Section 11.4.1).	SHOULD	A	A2				NEMO- MR-5-1-2- 1-029	retransmission of Binding Update



No.	RFC	RFC	Itom	Functional Specification	RFC	functional		EST			ROFILE	Reason of TEST Priority
INO.	Section	Section title	Item	•	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
17				If there was only one home agent, the mobile node instead <u>SHOULD</u> continue to periodically retransmit the Binding Update at this rate until acknowledged (or until it begins attempting to register a different primary care-of address).	SHOULD	A	A2			X	NEMO- MR-2-1-1- 1-013 NEMO- MR-2-1-2- 1-006	retransmission of Binding Update
18			between the	Each Binding Update MUST be authenticated as coming from the right mobile node, as defined in Section 5.1.	MUST	A	A1			X	NEMO- MR-2-1-1- 1-001 NEMO- MR-2-1-3- 1-001	
19			Home Address on Binding Update packet	The mobile node MUST use its home address - either in the Home Address destination option or in the Source Address field of the IPv6 header - in Binding Updates sent to the home agent.	MUST	A	A1			Х	NEMO- MR-2-1-1- 1-001 NEMO- MR-2-1-3- 1-001	
20			Binding Update List entry	When sending a Binding Update to its home agent, the mobile node MUST also create or update the corresponding Binding Update List entry, as specified in Section 11.7.2.	MUST	A	A1					



No.	RFC	RFC	Item	Functional Specification	RFC	functional		ΓEST			ROFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Phonity
21				If the sending mobile node has no knowledge of the correct Sequence Number value, it may start at any value. If the home agent rejects the value, it sends back a Binding Acknowledgement with a status code 135, and the last accepted sequence number in the Sequence Number field of the Binding Acknowledgement. The mobile node MUST store this information and use the next Sequence Number value for the next Binding Update it sends.	MUST	A	A1			Х	NEMO- MR-2-1-2- 1-001 NEMO- MR-2-2-1- 1-010 NEMO- MR-2-2-1- 1-016	
22			the case of having two or more Home	If the mobile node has additional home addresses, then the mobile node SHOULD send an additional packet containing a Binding Update to its home agent to register the care-of address for each such other home address.	SHOULD	A	A2					Multipule Home Addresses
23				If some time elapses during which the mobile node has no binding at the home agent, it might be possible for another node to autoconfigure the mobile node's home address. Therefore, the mobile node MUST treat the creation of a new binding with the home agent using an existing home address, the same as creation of a new home address.	MUST	A	A1			X	NEMO- MR-2-1-1- 1-008	



NI.	RFC	RFC	T4	F	RFC	functional	-	ΓEST	'	Test PI	ROFILE	D CTECT D.:
No.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
24				In the unlikely event that the mobile node's home address is autoconfigured as the IPv6 address of another network node on the home network, the home agent will reply to the mobile node's subsequent Binding Update with a Binding Acknowledgement containing a Status of 134 (Duplicate Address Detection failed). In this case, the mobile node MUST NOT attempt to re-use the same home address.		A	A1			X	NEMO- MR-2-2-1- 1-009	
25				It SHOULD continue to register the care-of addresses for its other home addresses, if any.	SHOULD	A	A2					Multipule Home Addresses
26				(Mechanisms outlined in Appendix B.5 may in the future allow mobile nodes to acquire new home addresses to replace the one for which Status 134 was received.)	(do)	В	В					stateful address autoconfigration



NI-	RFC	RFC	T4	F	RFC	functional	r	TEST	1	Test PR	OFILE	D CTECT D.: t t
No.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
27	11.7.2	Correspond ent Registration		After the mobile node has sent a Binding Update to its home agent, registering a new primary care-of address (as described in Section 11.7.1), the mobile node SHOULD initiate a correspondent registration for each node that already appears in the mobile node's Binding Update List. The initiated procedures can be used to either update or delete binding information in the correspondent node.	SHOULD	A	A2					Return Routability
28				For nodes that do not appear in the mobile node's Binding Update List, the mobile node MAY initiate a correspondent registration at any time after sending the Binding Update to its home agent. Considerations regarding when (and if) to initiate the procedure depend on the specific movement and traffic patterns of the mobile node and are outside the scope of this document.	MAY	С	1					This function is implementaion-dependent. It does not effect on interoperability.



No.	RFC	RFC	Thomas	Functional Specification	RFC	functional		TEST		Test PR	OFILE	Reason of TEST Priority
100.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
29				In addition, the mobile node MAY initiate the correspondent registration in response to receiving a packet that meets all of the following tests: o The packet was tunneled using IPv6 encapsulation. o The Destination Address in the tunnel (outer) IPv6 header is equal to any of the mobile node's care-of addresses. o The Destination Address in the original (inner) IPv6 header is equal to one of the mobile node's home addresses. o The Source Address in the tunnel (outer) IPv6 header differs from the Source Address in the original (inner) IPv6 header. o The packet does not contain a Home Test, Home Test Init, Care-of Test, or Care-of Test Init message.	MAY	В	В					This function is implementaion-dependent. It does not effect on interoperability.
30				If a mobile node has multiple home addresses, it becomes important to select the right home address to use in the correspondent registration. The used home address MUST be the Destination Address of the original (inner) packet.	MUST	A	A2					In the case that No.28 function is implemented, this function is mandotory.



NI-	RFC	RFC	Thomas	E	RFC	functional		TEST		Test PF	OFILE	D CTECT Detected
No.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
31				The peer address used in the procedure MUST be determined as follows: o If a Home Address destination option is present in the original (inner) packet, the address from this option is used. o Otherwise, the Source Address in the original (inner) IPv6 header of the packet is used.	MUST	A	A2					In the case that No.28 function is implemented, this function is mandotory.
32				A mobile node MAY also choose to keep its topological location private from certain correspondent nodes, and thus need not initiate the correspondent registration.	MAY	В	В					This function is implementaion-dependent. It does not effect on interoperability.
33				Upon successfully completing the return routability procedure, and after receiving a successful Binding Acknowledgement from the Home Agent, a Binding Update MAY be sent to the correspondent node.	MAY	В	В					This function is implementaion-dependent. It does not effect on interoperability.
34				In any Binding Update sent by a mobile node, the care-of address (either the Source Address in the packet's IPv6 header or the Care-of Address in the Alternate Care-of Address mobility option of the Binding Update) MUST be set to one of the care-of addresses currently in use by the mobile node or to the mobile node's home address.	MUST	A	A1					



No.	RFC	RFC	Item	Functional Specification	RFC	functional		ΓEST		Test PF	OFILE	Reason of TEST Priority
110.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Friority
35				A mobile node MAY set the care-of address differently for sending Binding Updates to different correspondent nodes.	MAY	С	-					Multipule Care of Addresses
36				A mobile node MAY also send a Binding Update to such a correspondent node, instructing it to delete any existing binding for the mobile node from its Binding Cache, as described in Section 6.1.7.	MAY	В	В					This function is implementaion-dependent. It does not effect on interoperability.
37		Binding Update message		The deletion of a binding can be indicated by setting the Lifetime field to 0 or by setting the care-of address equal to the home address.	(do)	В	В					This function is implementaion-dependent. It does not effect on



NI-	RFC	RFC	T4	Franchisco I Consideration	RFC	functional		TEST		Test PR	OFILE	D CTECT D.::
No.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
38			A setup of the Lifetime field value of a Binding Update message	If the care-of address is not set to the mobile node's home address, the Binding Update requests that the correspondent node create or update an entry for the mobile node in the correspondent node's Binding Cache. This is done in order to record a care-of address for use in sending future packets to the mobile node. In this case, the value specified in the Lifetime field sent in the Binding Update SHOULD be less than or equal to the remaining lifetime of the home registration and the care-of address specified for the binding.	SHOULD		A2					Return Routability
39				The care-of address given in the Binding Update MAY differ from the mobile node's primary care-of address.	MAY	С	-					This function is implementaion-dependent. It does not effect on interoperability.



N.T.	RFC	RFC	T,		RFC	functional	,	TEST	1	Test PF	OFILE	D CTTCT D : 1
No.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
40			Deletion of the Binding Cache entry of the Correspondent Node	If the Binding Update is sent to the correspondent node, requesting the deletion of any existing Binding Cache entry it has for the mobile node, the care-of address is set to the mobile node's home address and the Lifetime field set to zero. In this case, generation of the binding management key depends exclusively on the home keygen token (Section 5.2.5). The care-of nonce index SHOULD be set to zero in this case.	SHOULD	A	A2					In the case that No.38 function is implemented, this function is mandotory.
41			A setup of a care-of address	In keeping with the Binding Update creation rules below, the care-of address MUST be set to the home address if the mobile node is at home, or to the current care-of address if it is away from home.	MUST	A	A2					In the case that No.38 function is implemented, this function is mandotory.
42				If the mobile node wants to ensure that its new care-of address has been entered into a correspondent node's Binding Cache, the mobile node needs to request an acknowledgement by setting the Acknowledge (A) bit in the Binding Update.	(do)	В	В					This function is implementaion-dependent. It does not effect on interoperability.



Nie	RFC	RFC	Itom	Europianal Charification	RFC	functional	,	TEST		Test PF	ROFILE	Decom of TECT Deionity
No.	Section	Section title	Item	Functional Specification	status	rank			CN	supported	Test No.	Reason of TEST Priority
43				o The current care-of address of the mobile node MUST be sent either in the Source Address of the IPv6 header, or in the Alternate Care-of Address mobility option.	MUST	A	A2					Return Routability
44				o The Destination Address of the IPv6 header MUST contain the address of the correspondent node.	MUST	A	A2					Return Routability
45				o The Mobility Header is constructed according to rules in Section 6.1.7 and Section 5.2.6, including the Binding Authorization Data (calculated as defined in Section 6.2.7) and possibly the Nonce Indices mobility options.	(do)	A	A2					Return Routability related to 6.1.7 and 5.2.6
46				o The home address of the mobile node MUST be added to the packet in a Home Address destination option, unless the Source Address is the home address.	MUST	A	A2					Return Routability



No.	RFC	RFC	Item	Functional Specification	RFC	functional		EST		OFILE	Reason of TEST Priority
INO.	Section	Section title	Item	•	status	rank	I	HA CN	supported	Test No.	
47				Each Binding Update MUST have a Sequence Number greater than the Sequence Number value sent in the previous Binding Update to the same destination address (if any).	MUST	A	A2				Return Routability
48				The sequence numbers are compared modulo 2**16, as described in Section 9.5.1.	(do)	A	A2				Return Routability
49				If the sending mobile node has no Binding Update List entry, the Sequence Number SHOULD start at a random value.	SHOULD	A	A2				This function is implementaion-dependent. It does not effect on interoperability.
50				The mobile node MUST NOT use the same Sequence Number in two different Binding Updates to the same correspondent node, even if the Binding Updates provide different care-of addresses.	MUST NOT	A	A2				Multipule Care of Addresses



N.T.	RFC	RFC	T,		RFC	functional	'	TEST	[Test PI	ROFILE	D CTTCT D : 1
No.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
51	11.7.3	Acknowledg ements	Upon receiving a packet carrying a Binding Acknowledgem ent, a mobile node MUST validate the packet according to the following tests:	o The packet meets the authentication requirements for Binding Acknowledgements defined in Section 6.1.8 and Section 5. That is, if the Binding Update was sent to the home agent, underlying IPsec protection is used.	(do)	A	A1			X		IPsec ESP for the protection of Binding Update and Binding Acknowledge messages
52				If the Binding Update was sent to the correspondent node, the Binding Authorization Data mobility option MUST be present and have a valid value.	MUST	A	A2					IPsec ESP for the protection of Binding Update and Binding Acknowledge messages
53				o The Binding Authorization Data mobility option, if present, MUST be the last option and MUST NOT have trailing padding.	MUST MUST NOT	A	A2					Return Routability
54				o The Sequence Number field matches the Sequence Number sent by the mobile node to this destination address in an outstanding Binding Update.	(do)	A	->	A1	A2	X		HA:Home Registration CN:return routability



No.	RFC	RFC	Item	Functional Specification	RFC	functional		ΓEST			ROFILE	Reason of TEST Priority
100.	Section	Section title		-	status	rank		HA		supported	Test No.	-
55				Any Binding Acknowledgement not satisfying all of these tests MUST be silently ignored.	MUST	A	->	A1	A2	X	HA: NEMO- MR-2-2-1- 1-017 NEMO- MR-2-2-1- 1-038	CN:Return Routability
56				When a mobile node receives a packet carrying a valid Binding Acknowledgement, the mobile node MUST examine the Status field as follows:	MUST	A	->	A1	A2		HA: NEMO- MR-2-1-2- 1-004 NEMO- MR-2-2-1- 1-001 NEMO- MR-2-2-1- 1-003 NEMO- MR-2-2-1- 1-010 NEMO- MR-2-2-1- 1-010	



NI-	RFC	RFC	T4	E	RFC	functional	,	TEST	1	Test PI	ROFILE	D CTECT D.:
No.	Section	Section title	Item	Functional Specification	status	rank		HA		supported	Test No.	Reason of TEST Priority
57			the Status field value of an effective Binding Acknowledgem ent message	If the Status field indicates that the Binding Update was accepted (the Status field is less than 128), then the mobile node MUST update the corresponding entry in its Binding Update List to indicate that the Binding Update has been acknowledged; the mobile node MUST then stop retransmitting the Binding Update.	MUST MUST	A A	->	A1	A2	X X	HA: NEMO- MR-2-2-1- 1-001	CN:Return Routability
58			value of a Binding Update List entry	In addition, if the value specified in the Lifetime field in the Binding Acknowledgement is less than the Lifetime value sent in the Binding Update being acknowledged, the mobile node MUST subtract the difference between these two Lifetime values from the remaining lifetime for the binding as maintained in the corresponding Binding Update List entry (with a minimum value for the Binding Update List entry lifetime of 0).	MUST	A	->	A1	A2	X	HA: NEMO- MR-2-2-1- 1-020	CN:Return Routability
59			Transmission of periodical Binding Update	Mobile nodes SHOULD send a new Binding Update well before the expiration of this period in order to extend the lifetime	SHOULD	A	->	A1	A2	Х	NEMO- MR-2-1-2- 1-004	CN:Return Routability



No.	RFC	RFC	I Item I Functional Specification I	RFC	functional	'	TEST		Test PF	OFILE	Reason of TEST Priority	
110.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
				o Additionally, if the Status field	SHOULD	Α	->	A2	A2			MPS
				value is 1 (accepted but prefix								
				discovery necessary), the mobile node								
60				SHOULD send a Mobile Prefix								
				Solicitation message to update its								
				information about the available								
				prefixes.								
								1				



No.	RFC	RFC	Item	Functional Specification	RFC	functional		ГESТ		ROFILE	Reason of TEST Priority
INO.	Section	Section title		<u> </u>	status	rank			supported	Test No.	ů
61	Section	Section title		If the Status field indicates that the Binding Update was rejected (the Status field is greater than or equal to 128), then the mobile node can take steps to correct the cause of the error and retransmit the Binding Update (with a new Sequence Number value), subject to the rate limiting restriction specified in Section 11.8. If this is not done or it fails, then the mobile node SHOULD record in its Binding Update List that future Binding Updates SHOULD NOT be sent to this destination.	SHOULD		->		X	HA: NEMO- MR-2-2-1- 1-003 NEMO- MR-2-2-1- 1-010 NEMO- MR-2-2-1- 1-004 NEMO- MR-2-2-1- 1-005 NEMO- MR-2-2-1- 1-006 NEMO- MR-2-2-1- 1-007 NEMO- MR-2-2-1- 1-007 NEMO- MR-2-2-1- 1-035	CN:Return Routability





No.	RFC	RFC	Item	Eunstianal Crasification	RFC	functional		EST			ROFILE	Decem of TECT Drienity
100.	Section	Section title		Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
63			Binding Refresh Advice mobility option	The treatment of a Binding Refresh Advice mobility option within the Binding Acknowledgement depends on where the acknowledgement came from. This option MUST be ignored if the acknowledgement came from a correspondent node.	MUST	A	A2					CN:Return Routability
64				If it came from the home agent, the mobile node uses the Refresh Interval field in the option as a suggestion that it SHOULD attempt to refresh its home registration at the indicated shorter interval.	SHOULD	A	A1			Х	NEMO- MR-2-2-1- 1-026	
65				If the acknowledgement came from the home agent, the mobile node examines the value of the Key Management Mobility Capability (K) bit. If this bit is not set, the mobile node SHOULD discard key management protocol connections, if any, to the home agent. The mobile node MAY also initiate a new key management connection.	SHOULD MAY	A B	A2 B				NEMO- MR-1-2-1- 1-012 NEMO- MR-1-2-3- 1-023 NEMO- MR-2-2-1- 1-014	IKE



No	RFC	RFC	Item	Functional Specification	RFC	functional	ľ	TEST		Test PI	ROFILE	Reason of TEST Priority
110	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
66	3			If this bit is set, the mobile node SHOULD move its own endpoint in the key management protocol connections to the home agent, if any. The mobile node's new endpoint should be the new care-of address. For an IKE phase 1 connection, this means that packets sent to this address with the original ISAKMP cookies are accepted.	SHOULD	A	A2			X	NEMO- MR-1-2-1- 1-014 NEMO- MR-1-2-3- 1-024	IKE



NI-	RFC	RFC	T4	E	RFC	functional	-	ГЕSТ		Test PF	OFILE	D CTECT Detected
No.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
67		Receiving Binding Refresh Requests		When a mobile node receives a packet containing a Binding Refresh Request message . the mobile node has a Binding Update List entry for the source of the Binding Refresh Request, and the mobile node wants to retain its binding cache entry at the correspondent node, then the mobile node should start a return routability procedure. If the mobile node wants to have its binding cache entry removed it can either ignore the Binding Refresh Request and wait for the binding to time out, or at any time delete its binding from a correspondent node with an explicit binding update with a zero lifetime and the care-of address set to the home address. If the mobile node does not know if it needs the binding cache entry, it can make the decision in an implementation dependent manner, such as based on available resources.	(do)	A	A2					



Nia	RFC	RFC	Itam	Eurotianal Cresification	RFC	functional		ΓEST		Test PR	OFILE	Decem of TECT Descrite
No.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
68				When a mobile node receives a packet containing a Binding Refresh Request message , the mobile node has a Binding Update List entry for the source of the Binding Refresh Request, and the mobile node wants to retain its binding cache entry at the correspondent node, then the mobile node should start a return routability procedure. If the mobile node wants to have its binding cache entry removed, it can either ignore the Binding Refresh Request and wait for the binding to time out, or at any time, it can delete its binding from a correspondent node with an explicit binding update with a zero lifetime and the care-of address set to the home address. If the mobile node does not know if it needs the binding cache entry, it can make the decision in an implementation dependent manner, such as based on available resources.	(do)	A	A2					This function is implementaion-dependent. It does not effect on interoperability.



NI-	RFC	RFC	T4	E	RFC	functional	-	ГESТ		Test PR	OFILE	D CTECT D.:
No.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
69				When a mobile node receives a packet containing a Binding Refresh Request message, the mobile node has a Binding Update List entry for the source of the Binding Refresh Request, and the mobile node wants to retain its binding cache entry at the correspondent node, then the mobile node should start a return routability procedure. If the mobile node wants to have its binding cache entry removed it can either ignore the Binding Refresh Request and wait for the binding to time out, or it can at any time delete its binding from a correspondent node with an explicit binding update with zero lifetime and the care-of address set to the home address. If the mobile node does not know if it needs the binding cache entry, it can make the decision in an implementation dependent manner, such as based on available resources.	(do)	A	A2					



NI-	RFC	RFC	Thomas	F	RFC	functional	T	EST	Test P	ROFILE	D CTECT Dutantes
No.	Section	Section title	Item	Functional Specification	status	rank]	HA (CN supported	Test No.	Reason of TEST Priority
70				Note that the mobile node should be careful to not respond to Binding Refresh Requests for addresses not in the Binding Update List to avoid being subjected to a denial of service attack.	(do)	A	A2				Binding Refresh Request
71				If the return routability procedure completes successfully, a Binding Update message SHOULD be sent, as described in Section 11.7.2.	SHOULD	A	A2				Return Routability
72				The Lifetime field in this Binding Update SHOULD be set to a new lifetime, extending any current lifetime remaining from a previous Binding Update sent to this node (as indicated in any existing Binding Update List entry for this node),	SHOULD	A	A2				Return Routability
73				and the lifetime SHOULD again be less than or equal to the remaining lifetime of the home registration and the care-of address specified for the binding.	SHOULD	A	A2				Return Routability



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1	NO.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
Г					When sending this Binding Update,	MUST	A	A2					Return Routability
					the mobile node MUST update its								
					Binding Update List in the same way								
	74				as for any other Binding Update sent								
					by the mobile node.								



No.	RFC	RFC	Itom	Europianal Creatification	RFC	functional	T	EST		Test PF	ROFILE	Deagan of TECT Driamity
INO.	Section	Section title	Item	Functional Specification	status	rank]	HA (CN	supported	Test No.	Reason of TEST Priority
1	11.8	Retransmis sions and Rate Limiting	Decision of initial timer value	If the mobile node is sending a Mobile Prefix Solicitation, it SHOULD use an initial retransmission interval of INITIAL_SOLICIT_TIMER (see Section 12).	SHOULD	A	A2			X	NEMO- MR-4-1-1- 1-004	rate limiting of retransmission
2				If the mobile node is sending a Binding Update and does not have an existing binding at the home agent, it SHOULD use InitialBindackTimeoutFirstReg (see Section 13) as a value for the initial retransmission timer.	SHOULD	A	A2			X		rate limiting of retransmission
4				Otherwise, the mobile node should use the specified value of INITIAL BINDACK TIMEOUT for the initial retransmission timer.	(do)	A	A2			X	NEMO- MR-2-1-2- 1-006	rate limiting of retransmission



No.	RFC	RFC	Itom	Functional Specification	RFC	functional	,	TEST	1	Test PF	OFILE	Reason of TEST Priority
100.	Section	Section title	Item	1	status	rank				supported	Test No.	ű
5			of retransmitions	If the mobile node fails to receive a valid matching response within the selected initial retransmission interval, the mobile node SHOULD retransmit the message until a response is received.	SHOULD	A	^	A1	A2	X	NEMO- MR-4-1-1- 1-004 NEMO- MR-2-1-1- 1-013 NEMO- MR-2-1-2- 1-006	rate limiting of retransmission
6				The retransmissions by the mobile node MUST use an exponential back-off process in which the timeout period is doubled upon each retransmission, until either the node receives a response or the timeout period reaches the value MAX_BINDACK_TIMEOUT.	MUST	A	->	A1	A2	X	NEMO- MR-4-1-1- 1-004 NEMO- MR-2-1-1- 1-013 NEMO- MR-2-1-2- 1-006	rate limiting of retransmission
7				The mobile node MAY continue to send these messages at this slower rate indefinitely.	MAY	С	-					rate limiting of retransmission



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No.	Section	Section title	Item	Functional Specification	status	rank		HA	CN	supported	Test No.	Reason of TEST Priority
8				The mobile node SHOULD start a separate back-off process for different message types, different home addresses and different care-of addresses.	SHOULD	A	A2					rate limiting of retransmission
10				The mobile node MUST NOT send Mobility Header messages of a particular type to a particular correspondent node more than MAX_UPDATE_RATE times within a second.	MUST NOT	A	A2					rate limiting of retransmission
11				Retransmitted Binding Updates MUST use a Sequence Number value greater than that used for the previous transmission of this Binding Update.	MUST	A	->	A1	A2	X	NEMO- MR-2-1-1- 1-013 NEMO- MR-2-1-2- 1-006	rate limiting of retransmission
12			Home Init	Retransmitted Home Test Init and Care-of Test Init messages MUST use new cookie values.	MUST	A	A2					rate limiting of retransmission



No	RFC	RFC	Itomo	Experience Consideration	RFC	Functional	Test	Test PF	OFILE	Decem of TECT Descrite
No.	Section	Section title		Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
1		Mandatory Support	The following requirements apply to both home agents	Manual configuration of IPsec security associations MUST be supported. The configuration of the keys is expected to take placeout-of-band, for instance at the time the mobile node is configured to use its home agent.	MUST	A	A1	Х	NEMO- MR-2-1-1- 1-001 NEMO- MR-2-2-1- 1-001	
2				Automatic key management with IKE [4] MAY be supported. Only IKEv1 is discussed in this document. Other automatic key management mechanisms exist and will appear beyond IKEv1, but this document does not address the issues related to them.	MAY	В	В			IKE
3				ESP encapsulation of Binding Updates and Acknowledgements between the mobile node and home agent MUST be supported and MUST be used.	MUST	A	A1		NEMO- MR-2-1-1- 1-001 NEMO- MR-2-2-1- 1-001	



NI-	RFC	RFC	T4	E	RFC	Functional	Test	Test PF	ROFILE	D CTECT D.:
No.	Section	Section title	Item	Functional Specification	Status	Rank		Supported	Test No.	Reason of TEST Priority
4					MUST	A	A1	X	NEMO- MR-2-1-1-	
									1-001 NEMO- MR-2-2-1- 1-001	
5				ESP encapsulation of the Home Test Init and Home Test messages tunneled between the mobile node and home agent MUST be supported and SHOULD be used.	MUST	A	A2			Return Routability
6					SHOULD	A	A2			Return Routability
7				ESP encapsulation of the ICMPv6 messages related to prefix discovery MUST be supported and SHOULD be used.	MUST	A	A2	Х	NEMO- MR-4-1-1- 1-001 NEMO- MR-4-2-1- 1-001	MPS/MPA



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No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
8					SHOULD	A	A2	X	NEMO- MR-4-1-1- 1-001 NEMO- MR-4-2-1- 1-001	MPS/MPA
9				ESP encapsulation of the payload packets tunneled between the mobile node and home agent MAY be supported and used.	MAY	В	В			IPsec protectoin of the payload packets tunneled between the mobile node and home agent
10				If multicast group membership control protocols or stateful address autoconfiguration protocols are supported, payload data protection MUST be supported for those protocols.	MUST	A	A2			Multicast
11	4.2	Requiremen	The following requirements apply to both home agents and mobile nodes:	As required in the base specification [7], when a packet destined to the receiving node is matched against IPsec security policy or selectors of a security association, an address appearing in a Home Address destination option is considered as the source address of the packet.	(do)	A	A1/A2	X	NEMO- MR-2-1-1- 1-001 NEMO- MR-4-1-1- 1-001	BU : A1 MPS : A2



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		ROFILE	Reason of TEST Priority
110.	Section	Section title	Item	•	Status	Rank	Priority	Supported		3
12				Similarly, a home address within a Type 2 Routing header destined to the receiving node is considered as the destination address of the packet, when a packet is matched against IPsec security policy or selectors of a security association.	(do)	A	A1/A2	X	NEMO- MR-2-2-1- 1-001 NEMO- MR-4-2-1- 1-001	BA : A1 MPA : A2
13				Similar implementation considers apply to the Routing header processing as was described above for the Home Address destination option.	(do)	A	A1/A2		NEMO- MR-2-2-1- 1-001 NEMO- MR-4-2-1- 1-001	BA : A1 MPA : A2
14				When IPsec is used to protect return routability signaling or payload packets, this protection MUST only be applied to the return routability packets entering the IPv6 encapsulated tunnel interface between the mobile node and the home agent. This can be achieved, for instance, by defining the security policy database entries specifically for the tunnel interface. That is, the policy entries are not generally applied on all traffic on the physical interface(s) of the nodes, but rather only on traffic that enters this tunnel.	MUST	A	A2			Return Routability IPsec Protection of the payload packets tunneled between MN and HA



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100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
15				The authentication of mobile nodes MAY be based either on machine or user credentials. Note that multi-user operating systems typically allow all users of a node to use any of the IP addresses assigned to the node. This limits the capability of the home agent to restrict the use of a home address to a particular user in such environment. Where user credentials are applied in a multi-user environment, the configuration should authorize all users of the node to control all home addresses assigned to the node.	MAY	В	В			Machine / user credentials
16				When the mobile node returns home and de-registers with the Home Agent, the tunnel between the home agent and the mobile node's care-of address is torn down. The security policy entries, which were used for protecting tunneled traffic between the mobile node and the home agent MUST be made inactive (for instance, by removing them and installing them	MUST	A	A2			Returning Home



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test	Test PF	ROFILE	Reason of TEST Priority
INO.	Section	Section title	Item	•	Status	Rank	Priority	Supported	Test No.	Reason of TEST Phority
17				corresponding security associations could be kept as they are or deleted depending on how they were created. If the security associations were created dynamically using IKE, they are automatically deleted when they expire. If the security associations were created through manual configuration, they MUST be retained	MUST	A	A2		NEMO- MR-1-1-2- 1-001	Returning Home
18				and used later when the mobile node moves aways from home again. The security associations protecting Binding Updates and Acknowledgements, and prefix discovery SHOULD NOT be deleted as they do not depend on care-of addresses and can be used again.	SHOULD NOT	A	A2		NEMO- MR-1-1-2- 1-001 NEMO- MR-1-2-1- 1-025 NEMO- MR-1-2-1- 1-022 NEMO- MR-1-2-1- 1-024	Returning Home
19			The following rules apply to mobile nodes:	The mobile node MUST use the Home Address destination option in Binding Updates and Mobile Prefix Solicitations, sent to the home agent from a care-of address.	MUST	A	A1/A2		NEMO- MR-2-1-1- 1-001 NEMO- MR-4-1-1- 1-001	BU : A1 MPS : A2



No.	RFC	RFC	Itomo	Functional Consideration	RFC	Functional	Test	Test PF	ROFILE	Deagen of TECT Deignity
INO.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
20		IPsec Protocol Processing	requirements apply to both	When securing Binding Updates, Binding Acknowledgements, and prefix discovery, both the mobile nodes and the home agents MUST support and SHOULD use the Encapsulating Security Payload (ESP) [3] header in transport mode and MUST use a nonnull payload authentication algorithm to provide data origin authentication, connectionless integrity and optional anti-replay protection.	MUST	A	A1/A2	X	NEMO- MR-2-1-1- 1-001 NEMO- MR-2-2-1- 1-001 NEMO- MR-4-1-1- 1-001 NEMO- MR-4-2-1- 1-001	BU/BA : A1 MPS/MPA : A2
21					SHOULD	A	A1/A2	X	NEMO- MR-2-1-1- 1-001 NEMO- MR-2-2-1- 1-001 NEMO- MR-4-1-1- 1-001 NEMO- MR-4-2-1- 1-001	BU/BA : A1 MPS/MPA : A2



No.	RFC	RFC	T4	E	RFC	Functional	Test	Test PF	ROFILE	D CTECT D.:::
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
22					MUST	A	A1/A2	X	NEMO-	BU/BA : A1
									MR-2-1-1-	MPS/MPA: A2
									1-001	
									NEMO-	
									MR-2-2-1-	
									1-001	
									NEMO-	
									MR-4-1-1-	
									1-001	
									NEMO- MR-4-2-1-	
									1-001	
									1-001	
23				Tunnel mode IPsec ESP MUST be	MUST	Α	A2			HoTI/HoT
				supported and SHOULD be used for the protection of packets belonging to						
				the return routability procedure. A						
				non-null encryption transform and a						
24					SHOULD	A	A2			НоТІ/НоТ
~1				MUST be applied.	SHOULD	7.4	112			11011/1101
				11						
25					MUST	A	A2			HoTI/HoT



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No.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
26	Section		The following rules apply to	When ESP is used to protect Binding Updates, there is no protection for the care-of address which appears in the IPv6 header outside the area protected by ESP. It is important for the home agent to verify that the care-of address has not been tampered with. As a result, the attacker would have redirected the mobile node's traffic to another address. In order to prevent this, Mobile IPv6 implementations MUST use the Alternate Care-of Address mobility option in Binding Updates sent by mobile nodes while away from home. The exception to this is when the mobile node returns home and sends a Binding Update to the home agent in order to de-register. In this case no Alternate Care-of Address option is needed, as described in Section 3.1.	MUST	A	A1	X	NEMO- MR-2-1-1- 1-001	



No.	RFC	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank	Test	Test PF Supported	OFILE Test No.	Reason of TEST Priority
27	Section			When IPsec is used to protect return routability signaling or payload packets, the mobile node MUST set the source address it uses for the outgoing tunnel packets to the current primary care-of address. The mobile node starts to use a new primary care-of address immediately after sending a Binding Update to the home agent to register this new address. Similarly, it starts to use the new address as the required destination address of tunneled packets received from the home agent.	MUST	A	A2	Заррогиса	Test to.	HoTI/HoT IPsec for the protection of payload packets



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank	Test Priority	Test PF Supported	ROFILE Test No.	Reason of TEST Priority
28	4.4	Keying	requirements apply to both	If anti-replay protection is required, dynamic keying MUST be used. IPsec can provide anti-replay protection only if dynamic keying is used (which may not always be the case). IPsec also does not guarantee correct ordering of packets, only that they have not been replayed. Because of this, sequence numbers within the Mobile IPv6 messages are used to ensure correct ordering. However, if the 16 bit Mobile IPv6 sequence number space is cycled through, or the home agent reboots and loses its state regarding the sequence numbers, replay and reordering attacks become possible. The use of dynamic keying, IPsec anti-replay protection, and the Mobile IPv6 sequence numbers can together prevent such attacks.	MUST	A	A2	X	NEMO- MR-1-2-1- 1-001	IKE



No.	RFC	RFC	T4	E	RFC	Functional	Test	Test PF	ROFILE	D CTECT D.::
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
29				If IKE version 1 is used with preshared secrets in main mode, it determines the shared secret to use from the IP address of the peer. With Mobile IPv6, however, this may be a care-of address and does not indicate which mobile node attempts to contact the home agent. Therefore, if preshared secret authentication is used in IKEv1 between the mobile node and the home agent then aggressive mode MUST be used. Note also that care needs to be taken with phase 1 identity selection. Where the ID_IPV6_ADDR Identity Payloads is used, unambiguous mapping of identities to keys is not possible. (The next version of IKE may not have these limitations.)	MUST	A	A2	X	NEMO- MR-1-2-1- 1-001	IKE
30				In addition to the rules above, if dynamic keying is used, the key management protocol MUST use the care-of address as the source address in the protocol exchanges with the mobile node's home agent.	MUST	A	A2	X	NEMO- MR-1-2-1- 1-001	IKE



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		ROFILE	Reason of TEST Priority
	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	3
31				However, the IPsec security associations with the mobile node's home agent use home addresses. That is, the IPsec security associations MUST be requested from the key management protocol using the home address of the mobile node as the client identity.	MUST	A	A2	X	NEMO- MR-1-2-1- 1-001	IKE
32				The security associations for protecting Binding Updates and Acknowledgements are requested for the Mobility header protocol in transport mode and for specific IP addresses as endpoints. No other selectors are used. Similarly, the security associations for protecting prefix discovery are requested for the ICMPv6 protocol and the specific IP addresses, again without other selectors. Security associations for payload and return routability protection are requested for a specific tunnel interface and either the payload protocol or the Mobility header protocol, in tunnel mode. In this case one requested endpoint is an IP address and the other one is a wildcard, and there are no other selectors.	(do)	A/B	A1/A2/B	X	NEMO- MR-2-1-1- 1-001 NEMO- MR-2-2-1- 1-001 NEMO- MR-4-1-1- 1-001 NEMO- MR-4-2-1- 1-001	BU/BA: A1 MPS/MPA, HoTI/HoT: A2 IPsec Protection of the payload packets tunneled between MN and HA: B



No.	RFC	RFC	Itom	Functional Specification	RFC	Functional	Test	Test PF	ROFILE	Daggar of TECT Priority
110.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Reason of TEST Priority
33				If the mobile node has used IKE	(do)	A	A2	X	NEMO-	IKE
				version 1 to establish security					MR-1-2-1-	
				associations with its home agent, it					1-012	
				should follow the procedures discussed					NEMO-	
				in Section 11.7.1 and 11.7.3 of the base					MR-1-2-1-	
				specification [7] to determine whether					1-014	
				the IKE endpoints can be moved or if						
				IKE phase 1 has to be re-established.						
				-						



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST
100.	Section	Section title	Item		Status	Rank	Priority	Supported	Test No.	Priority
1	3	Packet Formats		The mobile node and the home agent MUST support the packet formats as defined in Section 3 of RFC 3776.	MUST	A	A1			(generalization)
2				The support for the above tunneled packet format is optional on the mobile node and the home agent.	(do)	В	В			all traffic in tunnel mode
3	4.1	General Requirement s		RFC 3775 states that manual configuration of IPsec security associations MUST be supported, and automated key management	MUST	A	A1			(generalization)
4				MAY be supported.	MAY	В	В			IKEv2
5				ESP encapsulation for Binding Updates and Binding Acknowledgements MUST be supported and used.	MUST	A	A1/A2	X	NEMO-MR-2-1-1-1-001 NEMO-MR-2-2-1-1-001 NEMO-MR-2-1-3-1-001 NEMO-MR-2-2-2-1-001	fine-grain selectors (BU/BA)
6				ESP encapsulation in tunnel mode for the Home Test Init (HoTi) and Home Test (HoT) messages tunneled between the mobile node and the home agent MUST be supported and SHOULD be used.	MUST/ SHOULD	-	-		NEMO-MR-3-1-1-2-001 NEMO-MR-3-2-1-2-001	fine-grain selectors (HoTI/HoT)
7				ESP encapsulation of the ICMPv6 messages related to mobile prefix discovery MUST be supported and SHOULD be used.	MUST/ SHOULD	A	A2	Х	NEMO-MR-4-1-1-1-002 NEMO-MR-4-2-1-1-001	fine-grain selectors (MPS/MPA)



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank		Supported	Test PROFILE Test No.	Reason of TEST Priority
8				ESP encapsulation of the payload packets tunneled between the mobile node and the home agent MAY be supported and used.	MAY	В	В			ESP encapsulation of the payload packets
9				If multicast group membership control protocols or stateful address autoconfiguration protocols are supported, payload data protection MUST be supported for those protocols.	MUST	A	A2			multicast group membership control protocols
10				The home agent and the mobile node MAY support authentication using EAP in IKEv2 as described in Section 8.	MAY	В	В			IKEv2
11				The home agent and the mobile node MAY support remote configuration of the home address as described in Section 9. When the home agent receives a configuration payload with a CFG_REQUEST for INTERNAL_IP6_ADDRESS, it must reply with a valid home address f	MAY	В	В			IKEv2



No.	RFC	RFC	Item	Functional Specification	RFC	Functional			Test PROFILE	Reason of TEST
12	Section 4.2	Section title Policy Requirement s		The home agent MUST be able to prevent a mobile node from using its security association to send a Binding Update on behalf of another mobile node.	Status MUST	Rank A	A1	Supported	Test No.	Priority (Setting of IPsec configuration)
13				With manual IPsec configuration, the home agent MUST be able to verify that a security association was created for a particular home address.	MUST	A	A1			(Setting of IPsec configuration)
14				With dynamic keying, the home agent MUST be able to verify that the identity presented in the IKE_AUTH exchange is allowed to create security associations for a particular home address.	MUST	A	A2			IKEv2
15				As required in the base specification [2], when a packet destined to the receiving node is matched against IPsec security policy or selectors of a security association, an address appearing in a Home Address destination option is considered as the source	(do)	A	A1	Х	NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-3-1-001	



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Гest PROFILE	Reason of TEST
140.	Section	Section title	rtem	runctional Specification	Status	Rank	Priority	Supported	Test No.	Priority
16				Similar implementation considerations apply to the Routing header processing as was described above for the Home Address destination option.	(do)	A	A1	X	NEMO-MR-2-2-1-1-001 NEMO-MR-2-2-2-1-001	
17				The security policy entries, which were used for protecting tunneled traffic between the mobile node and the home agent, SHOULD be made inactive (for instance, by removing them and installing them back later through an API).	SHOULD	A	A2			Real home link
18				If the security associations were created dynamically using IKE, they are automatically deleted when they expire.	(do)	В	В			IKEv2
19				If the security associations were created through manual configuration, they MUST be retained and used later when the mobile node moves away from home again.	MUST	A	A2		NEMO-MR-1-1-2-1-001	tunnel traffic IPsec manual configuration (Scenario Test)
20				The security associations protecting Binding Updates, Binding Acknowledgements and Mobile Prefix Discovery messages SHOULD NOT be deleted as they do not depend on care-of addresses and can be used again.		A	A1/A2		NEMO-MR-1-1-2-1-001	A1:BU/BA A2:MPS/MPA (Scenario Test)



No.	RFC	RFC	Itama	Functional Consideration	RFC	Functional	Test	7	Test PROFILE	Reason of TEST
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Priority
21				The mobile node MUST use the Home Address destination option in Binding Updates and Mobile Prefix Solicitations when transport mode IPsec protection is used, so that the home address is visible when the IPsec policy checks are made.	MUST	A	A1/A2	х	NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-3-1-001 NEMO-MR-4-1-1-1-002	A1:BU/BA A2:MPS/MPA
22				The home agent MUST use the Type 2 Routing header in Binding Acknowledgements and Mobile Prefix Advertisements sent to the mobile node when transport mode IPsec protection is used, again due to the need to have the home address visible when the policy che	MUST	A	A1/A2	X	NEMO-MR-2-2-1-1-001 NEMO-MR-2-2-2-1-001 NEMO-MR-4-2-1-1-001	A1:BU/BA A2:MPS/MPA
23	4.3	IPsec Protocol Processing Requirement s		The home agent and mobile node SHOULD support Mobility Header message type as an IPsec selector.	SHOULD	A	A2	X	NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-3-1-001 NEMO-MR-2-2-1-1-001 NEMO-MR-2-2-2-1-001 NEMO-MR-3-1-1-2-001	fine-grain selectors
24				The home agent and mobile node SHOULD support ICMPv6 message type as an IPsec selector.	SHOULD	A	A2	X	NEMO-MR-4-1-1-1-002 NEMO-MR-4-2-1-1-001	fine-grain selectors
25				The home agent MUST be able to distinguish between HoTi messages sent to itself (when it is acting as a Correspondent Node) and those sent to Correspondent Nodes (when it is acting as a home agent) based on the destination address of the packet.	MUST	A	A2			НоТІ/НоТ



No.	RFC	RFC	Itom	Eunstianal Specification	RFC	Functional	Test	7	Γest PROFILE	Reason of TEST
100.	Section	Section title	Item	Functional Specification	Status	Rank	Priority	Supported	Test No.	Priority
26				When securing Binding Updates, Binding Acknowledgements, and Mobile Prefix Discovery messages, both the mobile node and the home agent MUST support the use of the Encapsulating Security Payload (ESP) [6] header in transport mode and MUST use a non-null pa	MUST	A	A1/A2	X	NEMO-MR-2-1-1-1-001 NEMO-MR-2-2-1-1-001 NEMO-MR-4-1-1-1-002 NEMO-MR-4-2-1-1-001	A1:BU/BA A2:MPS/MPA
27					MUST	A	A1/A2	X	NEMO-MR-2-1-1-1-001 NEMO-MR-2-2-1-1-001 NEMO-MR-4-1-1-1-002 NEMO-MR-4-2-1-1-001	A1:BU/BA A2:MPS/MPA
28				Tunnel mode IPsec ESP MUST be supported and SHOULD be used for the protection of packets belonging to the return	MUST	-	-	-	NEMO-MR-3-1-1-2-001 NEMO-MR-3-2-1-2-001	HoTI/HoT
29				routability procedure. A non-null encryption transform and a non-null authentication algorithm MUST be applied.	SHOULD	-	-	-	NEMO-MR-3-1-1-2-001 NEMO-MR-3-2-1-2-001	НоТІ/НоТ
30					MUST	-	-	-	NEMO-MR-3-1-1-2-001 NEMO-MR-3-2-1-2-001	НоТІ/НоТ



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test		Test PROFILE	Reason of TEST
110.	Section	Section title	Item	r unctional Specification	Status	Rank	Priority	Supported	Test No.	Priority
31				In order to prevent this, Mobile IPv6 implementations MUST use the Alternate Care-of Address mobility option in Binding Updates sent by mobile nodes while away from home. The exception to this is when the mobile node returns home and sends a Binding Update	MUST	A	A1	X	NEMO-MR-2-1-1-1-001 NEMO-MR-2-1-2-1-001	
32				The exception to this is when the mobile node returns home and sends a Binding Update to the home agent in order to deregister.	(do)	A	A1	X	NEMO-MR-2-1-3-1-001	Real home link for HA
33				When IPsec is used to protect return routability signaling or payload packets, the mobile node MUST set the source address it uses for the outgoing tunnel packets to the current primary care- of address.	MUST	-	-	-	NEMO-MR-3-1-1-2-001 NEMO-MR-3-1-2-2-004	RR
34				The home agent MUST set the new care-of address as the destination address of these packets, as if the outer header destination address in the security association had changed. Similarly, the home agent starts to expect the new source address in the tunne	MUST	-	-	-	NEMO-MR-3-1-2-2-004	RR



No.	RFC	RFC	Item	Functional Specification	RFC	Functional	Test	7	Γest PROFILE	Reason of TEST
110.	Section	Section title	rtem	Functional Specification	Status	Rank	Priority	Supported	Test No.	Priority
35				It should be noted that the use of such an API and the address changes MUST only be done based on the Binding Updates received by the home agent and protected by the use of IPsec.	MUST	A	A1	-		depend on implementation
36		Dynamic Keying Requirement s		The mobile node MUST use its care-of address as source address in protocol exchanges, when using dynamic keying.	MUST	A	A2			dynamic keying
37		5		The mobile node and the home agent MUST create security associations based on the home address, so that the security associations survive change in care-of address. When using IKEv2 as the key exchange protocol, the home address should be carried as the i	MUST	A	A2			dynamic keying
38				If the mobile node has used IKEv2 to establish security associations with its home agent, it should follow the procedures discussed in Section 11.7.1 and 11.7.3 of the base specification [2] to determine whether the IKE endpoints can be moved or if the SA	(do)	В	В			IKEv2



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank	Test Priority	Supported	Test PROFILE Test No.	Reason of TEST Priority
39				If the home agent has used IKEv2 to establish security associations with the mobile node, it should follow the procedures discussed in Section 10.3.1 and 10.3.2 of the base specification [2] to determine whether the IKE endpoints can be moved or if the SA	(do)	В	В			IKEv2
40	5	Selector Granularity Consideratio ns		The IPsec implementations on the mobile node and the home agent support fine grain selectors, including the Mobility Header message type. This is the case assumed in the IPsec SPD and SAD examples in this document.	(do)	A	A2			fine-grain selectors (generalization)
41				The IPsec implementations only support selectors at a protocol level. In such implementations, the IPsec implementation can only identify mobility header traffic and cannot identify the individual mobility header messages. In this case, the protection o	(do)	A	A1			Basic (generalization)



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank		Supported	Test PROFILE Test No.	Reason of TEST Priority
42				The third case is where the protocol selector is not available in the IPsec implementation. In this case all traffic sent by the mobile node reverse tunneled through the home agent is protected using ESP in tunnel mode. This case is also applicable when	(do)	В	В	опротеса		out of scope in IPv6 Ready Logo program for NEMO
43				If there is just one IPsec SA providing protection for all traffic, then the SA MUST fulfill the requirements for protecting protection. If the third case is being used for privacy considerations, then there can also be separate tunnel mode SPD entries f	MUST	A	A2			out of scope in IPv6 Ready Logo program for NEMO



No.	RFC Section	RFC Section title	Item	Functional Specification	RFC Status	Functional Rank		Supported	Test PROFILE Test No.	Reason of TEST Priority
44				The receipt of a Binding Update from the new care-of address updates the tunnel endpoint of the IPsec SA as described in Section 4.3. Since the Binding Update that updates the tunnel endpoint is received through the same tunnel interface that needs to be	(do)	В	В			out of scope in IPv6 Ready Logo program for NEMO



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