Checksheet of IPv6 Ready Logo Program Phase-2 for IMS IPv6

Interoperability Test Scenario

Version: Jun.15, 2009

Confirm the existence of the files that should be submitted under the Interoperability Test.
Check OK or NG in the following blank points of "check item".

Category : UE

Required submission	Reference	Description	Check item
Test Result Table	Chapter 3 *1	End Result	

*1 : Document of "The explanation of the submission".

For UE

Required submission	Reference	Description	Check item *2	
			CmbPtn 1[1]	CmbPtn 2
Topology Map	Chapter 3 *1	Network Topology map. The information of node address, link. AKA information etc		
Packet Capture File *3	Chapter 3 *1	Save the packet logs on each link		

*1 : Document of "The explanation of the submission".

*2 : The number of combinations of the vendor.

*3 : Refer to the next section "Packet Capture File for UE" to see all the Packet Capture Files.

[1] CmbPtn : Combination Pattern

1 Confirmation of Topology Map

Topology Map File for UE

Confirm the existence of the files that should be submitted under the Interoperability Test.
Check OK or NG in the following blank points of "check item" to check that there are necessary files.

Node	Vender Name	
	CmbPtn 1	CmbPtn 2
UE1		
P-CSCF1		
S-CSCF1		
I-CSCF1		
HSS1		
UE2		

* UE2 : The node that is necessary to execute a test from No.4 to 7.

TAR	Category	Test num	Item num	Topology Map File	Check item *1	
					CmbPtn 1	CmbPtn 2
UE	**Registration and Authentication**	1	IMS.INTEROP.1.1	- Confirm that the each topology map is based on Topology of document "Interoperability Test Scenario". - Confirm the description of each node information, configured MAC Address on the interface, Link-Local Address and Global Address, with the topology in the scenario. - Confirm the description of AKA information. - Confirm that the combinations of vender name and device name of each node are consistent on all Topology Map. And confirm that these information are consistent with the Target node information (vender name and device name) of the Topology Map and Target node information (vender name) of the Application form.		
		2	IMS.INTEROP.1.2			
	Registration-State Event Package	3	IMS.INTEROP.2.1			
	Session	4	IMS.INTEROP.3.1			
		5	IMS.INTEROP.3.2			
		6	IMS.INTEROP.3.3			
		7	IMS.INTEROP.3.4			

: BASIC

*1 : The number of combinations of the vendor.

2 Confirmation of Packet Capture File

Packet Capture File for UA

Confirm the existence of the files that should be submitted under the Interoperability Test.
Check OK or NG in the following blank points of "check item" to check that there are necessary files.

TAR	Category	Test num	Item num	Packet Capture File	Check item *1	
					CmbPtn 1	CmbPtn 2
UE	Registration and Authentication	1	IMS.INTEROP.1.1	IMS.INTEROP.1.1_*SendVender_RecieveVendor*_Link1.cap		
		2	IMS.INTEROP.1.2	IMS.INTEROP.1.2_*SendVender_RecieveVendor*_Link1.cap		
	Registration-State Event Package	3	IMS.INTEROP.2.1	IMS.INTEROP.2.1_*SendVender_RecieveVendor*_Link1.cap		
	Session	4	IMS.INTEROP.3.1	IMS.INTEROP.3.1_*SendVender_RecieveVendor*_Link1.cap		
		5	IMS.INTEROP.3.2	IMS.INTEROP.3.2_*SendVender_RecieveVendor*_Link1.cap		
		6	IMS.INTEROP.3.3	IMS.INTEROP.3.3_*SendVender_RecieveVendor*_Link1.cap		
		7	IMS.INTEROP.3.4	IMS.INTEROP.3.4_*SendVender_RecieveVendor*_Link1.cap		

: BASIC

*1 : The number of combinations of the vendor.

3 Confirmation of Judgment

Packet Judgment for UE

Check OK or NG in the following blank points of "check item"

Node	Vender Name	
	CmbPtn 1	CmbPtn 2
UE1		
P-CSCF1		
S-CSCF1		
I-CSCF1		
HSS1		
UE2		

* UE2 : The node that is necessary to execute a test from No.4 to 7.

TAR	Category	Test num	Item num	Judgment	Check item *1	
					CmbPtn 1	CmbPtn 2
UE	**Registration and Authentication**	1	IMS.INTEROP.1.1	Refer to IMS.INTEROP.1.1 - Observable Results *2 IMS.INTEROP.1.1_*SendVender_RecieveVendor*_Link1.cap		
		2	IMS.INTEROP.1.2	Refer to IMS.INTEROP.1.2 - Observable Results. *2 IMS.INTEROP.1.2_*SendVender_RecieveVendor*_Link1.cap		
	Registration-State Event Package	3	IMS.INTEROP.2.1	Refer to IMS.INTEROP.2.1 - Observable Results. *2 IMS.INTEROP.2.1_*SendVender_RecieveVendor*_Link1.cap		
	Session	4	IMS.INTEROP.3.1	Refer to IMS.INTEROP.3.1 - Observable Results. *2 IMS.INTEROP.3.1_*SendVender_RecieveVendor*_Link1.cap		
		5	IMS.INTEROP.3.2	Refer to IMS.INTEROP.3.2 - Observable Results. *2 IMS.INTEROP.3.2_*SendVender_RecieveVendor*_Link1.cap		
		6	IMS.INTEROP.3.3	Refer to IMS.INTEROP.3.3 - Observable Results. *2 IMS.INTEROP.3.3_*SendVender_RecieveVendor*_Link1.cap		
		7	IMS.INTEROP.3.4	Refer to IMS.INTEROP.3.4 - Observable Results. *2 IMS.INTEROP.3.4_*SendVender_RecieveVendor*_Link1.cap		

: BASIC

*1 : The number of combinations of the vendor.

*2 : The Interoperability Test Scenario.

Check item : CmbPtn 1 / CmbPtn 2 *1

Use the following lists for the confirmation of the IP/MAC address when confirming above Packet Judgment.

Test num	Item num	Link no	Source IP address	Destination IP address	Source MAC address	Destination MAC address
1	IMS.INTEROP.1.1	Link 1				
2	IMS.INTEROP.1.2	Link 1				
3	IMS.INTEROP.2.1	Link 1				
4	IMS.INTEROP.3.1	Link 1				
5	IMS.INTEROP.3.2	Link 1				
6	IMS.INTEROP.3.3	Link 1				
7	IMS.INTEROP.3.4	Link 1				

*1 : The number of combinations of the vendor.