



	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3
Туре	FRR	FRR	FRR	FRR	FRR	FRR	FRR	FRR	FRR	FRR	FRR
Commit ID	36a7e78	30283fd	5dff4ec	7a377a1	85f25d8	33e56da	056c0cd	23db048	ba0d195	b606b4e	c0038fc
Commit	2017-11-	2017-11-	2018-01-	2018-03-	2018-07-	2019-05-	2019-05-	2019-06-	2019-09-	2019-10-	2020-02-
Date	08	08	09	12	05	09	13	18	27	15	14
ANVL- ISISV6-	ISO/IEC 10	0589:1992(E))s9.5 p49 Le	vel 1 LAN IS	to IS hello P	טסי					
1.1 MUST	Level 1 1. Intr 2. PDU	LAN IS to LAN IS to a-domain type = 1! ion/Protection = 1	to IS hel Routing	llo PDU m Protocol	Discrim		0x83				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL-	ISO/IEC 10	0589:1992(E)s9.5 p49 Le	vel 1 LAN IS	to IS hello P	טסי					
ISISV6- 1.2 MUST	Bit 6-8 Reserve	LAN IS to the control of PDU to the control of the	Type (5th t Type (9	n octet), 9th octet	;) and 8t	h bit of	Priorit	y are	f		
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass





	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3
ANVL-	ISO/IEC 10)589:1992(E)	s9.5 p49 Le	vel 1 LAN IS	to IS hello P	טסי	-				
ISISV6- 1.3		LAN IS t		-	take anv	one of	these fo	llowing	values:		
MUST	1. An Integer between 1 and 8, inclusive, indicating an ID field of the corresponding length 2. The Value zero, which indicates a six octet ID, field length 3. The Value 255, which means a null ID field (i.e., zero length)										
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL-	ISO/IEC 10)589:1992(E))s9.5 p49-50	Level 1 LAN	IS to IS hell	o PDU					
ISISV6- 1.4		LAN IS 1			: Type mu	ıst be ei	ther 1 o	r 3			
MUST	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass





	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3		
ANVL- ISISV6- 1.5	RFC 1195 RFC 5308	s5.3.1 p37-3 p2-4 s2 IPv6 erface Addre	8 Level 1 LA Reachability	vel 1 LAN IS N IS to IS he / TLV		PDU							
	The val of Leve Area Add Authent Protoco	evel 1 LAN IS to IS Hello PDU he valid Codes that must be present in the VARIABLE LENGTH FIELD f Level 1 LAN IS to IS hello PDU are: rea Address uthentication Information rotocols Supported Pv6 Interface Address FreeBS FreeBS FreeBS FreeBS FreeBS FreeBSD FreeBS											
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		
ANVL- ISISV6-				uter Adjaceno ormation for l									
1.6 MUST	The Pro	LAN IS tocol sup	pported f	Field mus	st be pre	esent in	all IS-I	S Hello					
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		





	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3	
ANVL-	NEGATIVE	: RFC 1195	s4.4 p32 Ma	aintaining Ro	uter Adjacer	ncies						
ISISV6- 1.7 MUST	The Pro	LAN IS tocol Sup send by	pported f	Eield mus	st be pre	esent in	all IS-I	S Hello				
	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	
	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	
	FreeBSD 12.0: untested											
ANVL- ISISV6-	ISO/IEC 10589:1992(E)s9.6 p51 Level 2 LAN IS to IS hello PDU											
1.8		LAN IS		-	nust have	1						
MUST	Level 2 LAN IS to IS hello PDU must have 1. Intra-domain Routing Protocol Discriminator = 0x83 2. PDU type = 16 3. Version/Protocol ID extension = 1 4. Version = 1											
	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	
	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	
	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBS D 12.0: pass						
ANVL-	ISO/IEC 10)589:1992(E)s9.6 p51 Le	vel 2 LAN IS	to IS hello P	טסי						
ISISV6- 1.9 MUST	Level 1 LAN IS to IS Hello PDU Bit 6-8 of PDU Type (5th octet), Reserved (7th octet), bit 3-8 of Reserved/Circuit Type (9th octet) and 8th bit of Priority are reserved which are always set to zero in Level 2 LAN IS to IS hello PDU.											
	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	
	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	
	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBS D 12.0: pass						





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ANVL-	ISO/IEC 10)589:1992(E))s9.6 p51 Le	vel 2 LAN IS	to IS hello P	UDU							
ISISV6- 1.10 MUST	The val 1. An I the cor 2. The	Level 1 LAN IS to IS Hello PDU The valid ID Length field shall take any one of these following values: 1. An Integer between 1 and 8, inclusive, indicating an ID field of the corresponding length 2. The Value zero, which indicates a six octet ID, field length 3. The Value 255, which means a null ID field (i.e., zero length) FreeBSD Fre											
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		
ANVL-	ISO/IEC 10)589:1992(E))s9.6 p51 Le	vel 2 LAN IS	to IS hello P	טסי							
ISISV6- 1.11		LAN IS 1 N Level 2		-	. Type mu	ıst be ei	ther 2 o	r 3					
MUST	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		





	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3				
ANVL- ISISV6- 1.12	RFC 1195 RFC 5308	0589:1992(E) s5.3.2 p38-3 p2-4 s2 IPv6 erface Addre PID	9 Level 2 LA Reachabilit	N IS to IS he		o PDU									
	The val of Leve Area Ado Protoco	1 2 LAN 3	that mus IS to IS rted	st be pre		the VARI	ABLE LEN	GTH FIEL	D						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass				
ANVL- ISISV6-		RFC 1195 s4.4 p32 Maintaining Router Adjacencies s5.2 p34 Overview of IP-specific Information for IS-IS													
1.13 MUST	The Pro	LAN IS tocol sup	pported i	field mus	st be pre	esent in	all IS-I	S Hello							
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass				
ANVL- ISISV6-	NEGATIVE	: RFC 1195	s4.4 p32 Ma	aintaining Ro	uter Adjacer	icies									
1.14 MUST	The Pro	LAN IS tocol Sup send by	pported i	field mus	st be pre	esent in	all IS-I	S Hello							
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass				





	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3		
ANVL- ISISV6-		s3.1 p15 Exc s4 p4 IPv6 N		outing inform	ation								
1.19 MUST	IP capal	LAN IS to the ble route ed by other	ers need	to know			er proto	cols are					
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD 12.0: untested	untested 12.0: untest											
ANVL- ISISV6-		RFC 1195 s4.2 p31 Multiple IP Addresses per Interface RFC 5308 s3 p3 IPv6 Interface Address TLV											
1.20 MUST	Each in transmi We nece		corresport have max modify th	nding to kimum of ne conter	15 IPv6 its to be	addresse 0-15 16	S	Pv6 inte:	rface				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		
ANVL- ISISV6-		s3.1 p15 Exc s4 p4 IPv6 N	0	outing inform	ation								
1.21 MUST	IP capal	LAN IS to ble routed by otl	ers need	to know	what net neir area	work lay	er proto	cols are					
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		





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ANVL- ISISV6-		s4.2 p31 Mu s3 p3 IPv6 Ir			terface							
1.22 MUST	Each in transmi We nece	LAN IS terface of teed can ssarily response	correspor have max modify th	nding to kimum of ne conter	15 IPv6 its to be	addresse 0-15 16	s octet I	Pv6 inte:	rface			
	FreeBS D 10.3:											
	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	
	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBS D 12.0: pass	FreeBS D 12.0: pass	FreeBS D 12.0: pass	FreeBS D 12.0: pass	FreeBS D 12.0: pass	FreeBS D 12.0: pass	
ANVL- ISISV6- 1.23		:RFC 1195 s3 p3 IPv6 Ir			esses per In	terface						
MUST	Each In PDU is We nece	transmit	correspor ted can h modify th	nding to nave a ma ne conter	ximum of its to be	15 IPv6 0-15 16	Address octet I	Pv6 inte				
	FreeBS D 10.3: FAIL	FreeBS D 10.3: FAIL	FreeBS D 10.3: FAIL	FreeBS D 10.3: FAIL	FreeBS D 10.3: FAIL	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	
	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: unpredict	Ubuntu 16.04: unpredict	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: unpredict	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	
	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBS D 12.0: FAIL	FreeBS D 12.0: FAIL	FreeBS D 12.0: pass	FreeBS D 12.0: pass	FreeBS D 12.0: pass	FreeBS D 12.0: pass	





	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3					
ANVL- ISISV6-		:RFC 1195 s3 p3 IPv6 Ir			esses per In	terface										
1.24 MUST	Each In PDU is We nece	Level 1 LAN IS to IS Hello PDU Each Interface corresponding to the SNPA over which a L1 LAN IIH PDU is transmitted can have a maximum of 15 IPv6 Addresses We necessarily modify the contents to be 0-15 16 octet IPv6 interface addresses instead of 0-63 4 octet IPv4 interface address. FreeBSD FreeBS														
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD					
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:					
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested					
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu					
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:					
	pass	pass	unpredict	unpredict	pass	pass	FAIL	pass	pass	pass	pass					
	FreeBSD 12.0: untested															
ANVL- ISISV6-	RFC 5308	RFC 5308 s3 p4 IPv6 Interface Address TLV														
1.25 MUST	For LSP	LAN IS t s the "In k-local I	nterfaces	Address			ain only	the								
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD					
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:					
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested					
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu					
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:					
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass					
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS					
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:					
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass					
ANVL- ISISV6-	RFC 5308	s3 p4 IPv6 Ir	nterface Add	ress TLV												
1.26 MUST	For LSP	LAN IS t s the "In k-local I	nterfaces	Address			ain only	the								
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD					
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:					
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested					
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu					
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:					
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass					
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS					
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:					
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass					





	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3			
ANVL-	ISO/IEC 10)589:1992(E) s9.8 p54 Le	evel 1 LSPDU	J									
ISISV6- 2.1 MUST	Discrim	at the le inator =	0x83, PI	SP must h DU Type = sion (6th	: 18, Ver	sion/Pro	tocol ID	extensi	on					
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD 12.0: untested													
ANVL-	ISO/IEC 10)589:1992(E) s9.8 p54 Le	evel 1 Link St	ate PDU									
ISISV6- 2.2 MUST		of PDU		n octet) ys set to										
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL-	ISO/IEC 10)589:1992(E) s9.8 p54-5	5 Level 1 Linl	state PDU									
1SISV6- 2.3 MUST	Level 1 LSPDU The valid ID Length field shall take any one of these following values: 1. An integer between 1 and 8 ,inclusive, indicating an ID field of coresponding length 2. The value zero, which indicates a six octet ID, field length 3. The value 255, which means a null ID field (i.e., zero length)													
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			





	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3		
ANVL- ISISV6- 2.4	RFC 1195 RFC 5308	0589:1992(E s5.3.4, p40-4 p2-4 s2 IPv6 erface Addre PID	13 Level 1 Li	nk State PDl									
	of leve Area Add Intermed Protoco	id codes l 1 link	state PI stem Neig rted	OU are:	esent in	the VARI	ABLE LEN	GTH FIEL	D				
	FreeBS D 10.3: FAIL FAIL FAIL FAIL FAIL FAIL FREEBS D 10.3: Untested FreeBSD 10.3: Untested FreeBSD 10.3: Untested FreeBSD 10.3: Untested FreeBSD 10.3: Untested Untested FreeBSD 10.3: Untested Untested Untested Unitested FreeBSD 10.3: Unitested U												
Ubuntu 16.04: 16.04: 16.04: 16.04: 16.04: FAIL FAIL FAIL FAIL FAIL FAIL FAIL FAIL											Ubuntu 16.04: FAIL		
	FreeBSD 12.0: untested	FreeBSD FreeBS											
ANVL- ISISV6-	ISO/IEC 10)589:1992(E) s9.9 p57 Le	evel 2 LSPDU	J								
2.11 MUST	Discrim	LSPDU at the le inator = = 1 and \	0x83, PDU	J Type=20	,Version	/Protoco	l ID ext		rd				
	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested		
	Ubuntu 16.04: passUbuntu 16.04:Ubuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: pass												
	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBS D 12.0: pass							





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ANVL- ISISV6-	ISO/IEC 10)589:1992(E)) s9.9 p57 Le	evel 2 Link St	ate PDU								
2.12 MUST		of PDU					h octet) Link St						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		
ANVL-	ISO/IEC 10589:1992(E) s9.9 p57 Level 2 Link State PDU												
ISISV6- 2.13 MUST	Level 1 LSPDU The valid ID Length field shall take any one of these following values: 1. An integer between 1 and 8 ,inclusive, indicating an ID field of coresponding length 2. The value zero, which indicates a six octet ID, field length 3. The value 255, which means a null ID field (i.e., zero length)												
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		





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ANVL- ISISV6- 2.14	RFC 1195 RFC 5308	0589:1992(E) s5.3.5,p43-4 p2-4 s2 IPv6 erface Addre PID	8 Level 2 Lir Reachability	k State PDU								
	Level 1 LSPDU The valid codes that must be present in the VARIABLE LENGTH FIELD of level 2 link state PDU are: Area Addresses Intermediate system Neighbors Protocols Supported IPv6 Reachability Information											
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass	
ANVL- ISISV6-	RFC 1195	S3.1 P15 Ex	change of ro	uting informa	ation							
2.17 MUST	Level 1 LSPDU IS-IS requires that any codes in a received PDU that are not											
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	12.0:	D 12.0:	
	untested	untested	untested	untested	untested	pass	pass	pass	pass	unpredict	pass	
ANVL- ISISV6-	RFC 1195	S3.1 P15 Ex	change of ro	uting informa	ation							
2.18 MUST							that are	not				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass	





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ANVL-	ISO/IEC 10)589:1992(E	s9.10 p60 L	evel 1 comp	lete sequend	ce numbers f	PDU					
ISISV6- 3.1 MUST	Level 1 protoco	l Discri	e sequend minator =	ce number = 0x83, E	PDU mus PDU Type	= 24, Ve	rsion/Pr	ain Rout otocol I the hea	D			
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD 12.0: untested											
ANVL-	ISO/IEC 10589:1992(E) s9.10 p60 Level 1 Complete sequence number PDU											
ISISV6- 3.2 MUST	Bit 6-8	Complete of PDU : d which a	Type (5tl	n octet)	and Rese			are e sequen	ce			
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass	
ANVL-	ISO/IEC 10)589:1992(E) s9.10 p57 L	evel 1 comp	olete sequen	ce numbers	PDU					
3.3 MUST	Level 1 Complete Sequence Numbers PDU The valid ID Length field in a Level 1 Complete Sequence Number PDU shall take any one of these following values: 1. An integer between 1 and 8, inclusive, indicating an ID field of coresponding length 2. The value zero, which indicates a six octet ID, field length 3. The value 255, which means a null ID field (i.e., zero length)											
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass	





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ANVL- ISISV6- 3.4	PDU			S1 Level 1 co			rs						
MUST	The val: level 1 1. LSP	id codes complete	that mus e sequenc	ce number	esent in		ABLE LEN	GTH FIEL:	D of				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD 12.0: untested												
ANVL- ISISV6-	ISO/IEC 10589:1992(E) s9.10 p61-62 Level 2 complete sequence numbers PDU												
3.5 MUST	Level 1 Complete Sequence Numbers PDU Level 2 complete sequence number PDU must have Intra-domain Routing protocol Discriminator = 0x83, PDU Type = 25, Version/Protocol ID extension (3rd octet) = 1 and Version (6th octet) = 1 in the header												
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		
ANVL- ISISV6-	ISO/IEC 10)589:1992(E)) s9.11 p62 L	evel 2 Comp	olete sequen	ce number P	UDU						
3.6	Bit 6-8	of PDU 7 d which a	Type (5tł		and Rese		octet) complet		ce				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		





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ANVL- ISISV6-	ISO/IEC10	589:1992(E)	s9.11 p61-6	2 Level 2 co	mplete seque	ence numbei	rs PDU							
3.7 MUST	The valuable shall to the coresponding to the	Level 1 Complete Sequence Numbers PDU The valid ID Length field in a Level 2 Complete Sequence Number PDU shall take any one of these following values: 1. An integer between 1 and 8, inclusive, indicating an ID field of coresponding length 2. The value zero, which indicates a six octet ID, field length 3. The value 255, which means a null ID field (i.e., zero length) FreeBS FreeBS FreeBS FreeBS FreeBS FreeBSD												
	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass			
	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBS D 12.0: pass								
ANVL- ISISV6- 3.8	PDU)589:1992(E) s5.3.7,p49 L	•		•									
MUST	The val level 2 1. LSP	Complete id codes complete Entries enticatio	that mus e sequenc	st be pre ce number	esent in		ABLE LEN	GTH FIEL	D of					
	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested			
Ubuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: passUbuntu 16.04: pass														
	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBS D 12.0: pass								





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ANVL-	ISO/IEC 10)589(E) s9.1	2 p62-63 Lev	el 1 partial s	equence nur	mbers PDU				-	
ISISV6- 3.9 MUST	Level 1 protoco		sequence ninator=(e number 0x83, PDU	PDU must J Type=26	, Versio	tra-doma n/Protoc eader				
	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	10.3:	10.3:	10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	unpredict	unpredict	unpredict	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL-	ISO/IEC 10589:1992(E) s9.12 p63 Level 1 partial sequence number PDU										
ISISV6- 3.10 MUST	Level 1 Complete Sequence Numbers PDU Bit 6-8 of PDU Type (5th octet) and Reserved (7th octet) are reserved which are always set to zero in Level 1 partial sequence numbers PDU										
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	unpredict
ANVL-	ISO/IEC 10)589:1992(E	s9.12 p63 L	evel 1 partia	ıl sequence r	number PDU					
ISISV6- 3.11 MUST	The val		ngth fiel	ld shall	take any		these fo		d of		
	corespondance co	nding lei value ze:	ngth ro, which	n indicat	es a six	octet I	D,field .e., zer	length			
	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	10.3:	10.3:	10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	unpredict	unpredict	unpredict	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass





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ANVL- ISISV6-)589:1992(E s5.3.8,p49 L				number PDU						
3.12 MUST	The vallevel 1 1. LSP	partial	that mus	st be pre numbers	esent in		ABLE LEN	GTH FIEL	D of			
	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	unpredict	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass	
ANVL- ISISV6-	ISO/IEC 10589(E) s9.12 p64-65 Level 2 partial sequence numbers PDU											
3.13 MUST	Level 2 protoco		sequence minator=0	e number)x83, PDU	PDU must J Type=27	, Versio	tra-doma n/Protoc eader					
	FreeBS	FreeBS	FreeBSD	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	pass	unpredict	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	
	12.0:	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	12.0:	
	untested	untested	untested	untested	untested	unpredict	pass	pass	pass	pass	unpredict	
ANVL- ISISV6-	ISO/IEC 10)589:1992(E	s9.12 p64 L	evel 2 partia	l sequence r	number PDU						
3.14 MUST	Level 1 Complete Sequence Numbers PDU Bit 6-8 of PDU Type (5th octet) and Reserved(7th octet) are reserved which are always set to zero in Level 2 partial sequence numbers PDU											
	FreeBS	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	10.3:	10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	unpredict	unpredict	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	unpredict	pass	pass	pass	pass	pass	





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ANVL-	ISO/IEC 10)589:1992(E)	s9.12 p64 L	evel 2 partia	ıl sequence r	number PDU								
ISISV6- 3.15 MUST	The values: 1. An incorespond. The	Complete id ID Ler nteger be nding ler value zer value 25!	ngth fiel etween 1 ngth co, which	ld shall and 8 ,i n indicat	take any nclusive	,indicat	ing an I D,field	D field (of					
	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	unpredict	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD 12.0: untested													
ANVL- ISISV6-		ISO/IEC 10589:1992(E) s9.12 p64 Level 2 partial sequence number PDU RFC 1195 s5.3.9,p49 Level 2 partial sequence number PDU												
3.16 MUST	Level 1 Complete Sequence Numbers PDU The valid codes that must be present in the VARIABLE LENGTH FIELD of level 2 partial sequence numbers PDU are: 1. LSP Entries 2. Authentication Information													
	FreeBSD	FreeBSD	FreeBS	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	10.3:	10.3:	D 10.3:	10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	unpredict	unpredict	pass	unpredict	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL-	ISO/IEC 10)589:1992(E)	, s7.2.4, p14	I, Links										
ISISV6- 4.1 MUST		over neig llo PDUs		and forms	adjacen	cies by	exchangi	ng						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			





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ANVL-	RFC 1195,	s5.1, p33, C	verview of I	SIS PDUs										
ISISV6- 4.2 MUST		ackets an uring IS:		to initia	alize and	maintai	n adjace	ncies be	tween					
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL-	ISO/IEC 10589:1992(E), s8.4.2, p44, Broadcast subnetwork IIH PDUs													
ISISV6- 4.3	Links An L1 IS shall transmit only L1 LAN IIHs.													
MUST	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL-	ISO/IEC 10)589:1992(E)), s8.4.2, p44	l, Broadcast	subnetwork	IIH PDUs								
ISISV6- 4.4 SHOULD		IH sent l resses of				he manua	lAreaAdd	resses a	nd					
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			





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ANVL-	ISO/IEC 10)589:1992(E)), s8.4.2, p44	I, Broadcast	subnetwork	IIH PDUs								
ISISV6- 4.5 MUST		S shall t		L1 LAN I	IHs to t	the multi	-destina	tion						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL-	ISO/IEC 10589:1992(E), s8.4.2, p44, Broadcast subnetwork IIH PDUs													
ISISV6-	Links													
4.6	L1 ISs shall listen on the multi-destination address AllL1ISs.													
MUST	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL-	ISO/IEC 10)589:1992(E)), s8.4.2, p44	I, Broadcast	subnetwork	IIH PDUs								
ISISV6- 4.7		shall re tion as <i>l</i>		L1 LAN I	IIH that	doesn"t	have the							
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL			





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ANVL-	ISO/IEC 10)589:1992(E)	, s8.4.2.1, p	44, IIH PDU	acceptance	tests					
ISISV6- 4.8 SHOULD	Links If the routing	IDLength DomainID	of the I Length, i	l IIH is	not equ l be disc	al to th	e value	of the I	S		
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL- ISISV6-	ISO/IEC 10589:1992(E), s8.4.2.2, p45, Receipt of L1 LAN IIH PDUs ISO/IEC 10589:1992(E), s8.2.4.2, p38, IIH PDU Processing										
4.9 SHOULD	Links If the required I1 IIIII area Addresses do not match any of the										
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL- ISISV6-)589:1992(E))589:1992(E)				Js					
4.10 MUST		received from the							t the		
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass





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ANVL- ISISV6-)589:1992(E))589:1992(E)				Js							
4.11 MUST	Links If the the the ISs	received maximum	L1 IIHs AreaAddre	maximumA esses, ac	reaAddre	sses val	ue is eq	ual to					
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		
ANVL- ISISV6-	ISO/IEC 10	ISO/IEC 10589:1992(E), s8.4.2.2, p45, Receipt of L1 IIH PDUs											
4.12	Links If the 1	L1 ISs ma	aximumAre	eaAddress	ses is no	t 3, the	n it wil	l discar	d all				
MUST	L1 IIH	with non	matching	g maximum	nAreaAddr	esses va	lue.						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		
ANVL-	ISO/IEC 10)589:1992(E)	, s8.4.2.5.1,	p45, New A	djacencies								
ISISV6- 4.14 MUST		L1 IS re					r IS (R)	, then t	he				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		





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ANVL-	ISO/IEC 10)589:1992(E)), s8.4.2.5.1,	p45, New A	djacencies							
ISISV6- 4.15 MUST		L1 IS re an adjace		an L1 LAN	I IIH wit	h its ow	n entry,	then it	shall			
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass	
ANVL-	ISO/IEC 10589:1992(E), s8.4.2.5.2, p45, New Adjacencies											
ISISV6- 4.16	Links If a ne	ighbour :	is not he	eard with	in the H	oldina T	ime, the	L1 IS s	hall			
MUST		t from th			0110 11							
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass	
ANVL-	ISO/IEC 10)589:1992(E)), s7.2.4, p14	l, Links								
ISISV6- 5.1 MUST	IS disc	st Subnet over neig llo PDUs	ghbours a		adjacen	cies by	exchangi	ng				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass	





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ANVL-	RFC 1195,	s5.1, p33, C	verview of I	SIS PDUs										
ISISV6- 5.2 MUST	Hello p	st Subnet ackets as uring IS:	re used t		alize and	maintai	n adjace	ncies be	tween					
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL-	ISO/IEC 10)589:1992(E), s8.4.2, p44	l, Broadcast	subnetwork	IIH PDUs								
ISISV6-	Broadcast Subnetwork IIH PDUs													
5.3	An L2 IS shall transmit only L2 LAN IIHs.													
MUST	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL-	ISO/IEC 10)589:1992(E), s8.4.2, p44	l, Broadcast	subnetwork	IIH PDUs								
ISISV6- 5.4 SHOULD	An L2 I	st Subnet IH sent l resses o	by L2 IS	should o		he manua	l Area A	ddresses	and					
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			





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ANVL-	ISO/IEC 10)589:1992(E), s8.4.2, p44	l, Broadcast	subnetwork	IIH PDUs									
ISISV6- 5.5 MUST	An L2 I	st Subnet S shall t AllL2IS	transmit		IIHs to t	he multi	-destina	tion							
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass				
ANVL-	ISO/IEC 10)589:1992(E), s8.4.2, p44	l, Broadcast	subnetwork	IIH PDUs									
ISISV6-	Broadcast Subnetwork IIH PDUs														
5.6	L2 ISs shall listen on the multi-destination address AllL2ISs.														
MUST	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass				
ANVL- ISISV6-	ISO/IEC 10)589:1992(E), s8.4.2, p4 ⁴	I, Broadcast	subnetwork	IIH PDUs				-					
5.7 MUST	L2 ISs	st Subnetshall ret	ject any	L2 LAN I	IIH that	doesn"t	have the								
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL				





	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3
ANVL-	ISO/IEC 10)589:1992(E)), s8.4.2.1, p	44, IIH PDU	acceptance	tests					
ISISV6- 5.8 SHOULD	If the	st Subnet IDLength DomainID	of the I	L2 IIH is	not equ l be disc	al to th	e value	of the I	Ss		
	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested
	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass
ANVL- ISISV6-	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBS D 12.0: pass					
	ISO/IEC 10)589:1992(E)), s8.4.2.5.1,	p45, New A	djacencies						
5.9		st Subnet L2 IS re			I IIH fro	m anothe	r IS (R)	, then t	he		
MUST		IIH gene					` ′				
	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested
	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass
	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBS D 12.0: pass					
ANVL-	ISO/IEC 10)589:1992(E)), s8.4.2.5.1,	p45, New A	djacencies						
ISISV6- 5.10 MUST	When an	st Subnet L2 IS re an adjace	eceives a		I IIH wit	h its ow	n entry,	then it	shall		
	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested
	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass
	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBS D 12.0: pass					





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ANVL-	ISO/IEC 10)589:1992(E), s8.4.2.5.2,	p45, New A	djacencies									
ISISV6- 5.11 MUST	If a ne	st Subnetighbour : t from tl	is not he	eard with	nin the H	olding T	ime, the	L2 IS s	hall					
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL-	ISO/IEC 10)589:1992(E), s8.4.2, p44	I, Broadcast	subnetwork	IIH PDUs								
ISISV6- 6.1 MUST	More Broadcast Subnetwork IIH PDUs An L1/L2 IS shall create separate adjacencies on receipt of L1 and L2 LAN IIH.													
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	unpredict	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL-	ISO/IEC 10)589:1992(E), s8.4.2, p44	l, Broadcast	subnetwork	IIH PDUs								
ISISV6- 6.2				ck IIH PI nit both		2 LAN II	Hs.							
MUST	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			





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ANVL- ISISV6- 6.3	More Bro	0589:1992(E) oadcast S 2 IS shal s for L1	Subnetwor 11 lister	ck IIH PI n on the	OUs multi-de	stinatio	n addres	s AllL1I	Ss and		
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	unpredict	unpredict	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL- ISISV6- 6.4	ISO/IEC 10589:1992(E), s8.4.2, p44, Broadcast subnetwork IIH PDUs More Broadcast Subnetwork IIH PDUs An L1/L2 IS shall reject any LAN IIH that doesn"t have the destination as AllL1ISs or AllL2ISs.										
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
ANVL- ISISV6-)589:1992(E) s4.3 p31 De:									
7.1 MUST	Electio:	st Subnet n process y field :	s of leve		gnated I	S is don	e by ver	ifying			
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass





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ANVL- ISISV6-)589:1992(E) s4.3 p31 Des												
7.2 MUST	Election	st Subnet n process y field :	s of leve		gnated I	S is don	e by ver	ifying						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL			
ANVL- ISISV6-	ISO/IEC 10589:1992(E) s7.2.3 p14 Broadcast subnetwork RFC 1195 s4.3 p31 Designated routers and Pseudonodes													
7.3 MUST	Broadcast Subnetwork Election process of level 1 designated IS is done by verifying priority field in the IIH and the MAC address													
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL- ISISV6-		0589:1992(E) s4.3 p31 Des												
7.4 MUST	Election	st Subnet n process y field :	s of leve				e by ver	ifying						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL			





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ANVL-	ISO/IEC 10)589:1992(E)	s8.4.5 p46	LAN designa	ited IS									
ISISV6- 7.5 MUST				Designate	ed IS, it	shall t	ransmit	L1						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL-	ISO/IEC 10589:1992(E) s8.4.5 p47 LAN designated ISs													
ISISV6- 7.6 MUST	Broadcast Subnetwork An L1 IS shall transmit L1 LAN IIHs with the LAN ID field set to the LAN ID of the designated L1 IS													
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL- ISISV6-)589:1992(E) s4.3 p31 De:												
8.1 MUST	Election	ted Route n process y field :	s of leve	el 2 desi		S is don	e by ver	ifying						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			





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ANVL- ISISV6-)589:1992(E) s4.3 p31 Des	•											
8.2 MUST	Election	ted Route n process y field :	s of leve	el 2 desi		S is don	e by ver	ifying						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL			
ANVL- ISISV6-	ISO/IEC 10589:1992(E) s7.2.3 p14 Broadcast subnetwork RFC 1195 s4.3 p31 Designated routers and Pseudonodes													
8.3 MUST	Designated Routers and Pseudonodes Election process of level 2 designated IS is done by verifying priority field in the IIH and the MAC address													
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL- ISISV6-)589:1992(E) s4.3 p31 De:												
8.4 MUST	Election	ted Route n process y field :	s of leve	el 2 desi	gnated I		e by ver	ifying						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL			





	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3			
ANVL-	ISO/IEC 10)589:1992(E)	s8.4.5 p46	LAN designa	ited IS									
ISISV6- 8.5 MUST		ted Route S becomes ode LSP				shall tr	ansmit L	2						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL-	ISO/IEC 10589:1992(E) s8.4.5 p47 LAN designated ISs													
ISISV6- 8.6 MUST	Designated Routers and Pseudonodes An L2 IS shall transmit L2 LAN IIHs with the LAN ID field set to the LAN ID of the designated L2 IS													
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL- ISISV6-)589:1992(E) s3.9 p25 Aut		4 IIH PDU A	cceptance Te	ests								
9.1 MUST	If authordonest	nce Tests entication contain the PDU	on is ena											
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			





	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3				
ANVL- ISISV6-)589:1992(E) s3.9 p25 Aut		Transmissior	of LAN IIH	PDUs									
9.2 MUST	An L1 II	ing the d	nclude au circuitTi	ransmitPa	assword a	s the au	of type thentica on the c	tion val							
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass				
ANVL- ISISV6-	ISO/IEC 10589:1992(E) s8.4.2.1 p45 IIH PDU Acceptance Tests RFC 1195 s3.9 p25 Authentication														
9.3 MUST	If author contains	s authent	on is ena tication	informat	ion of t	ype Pass	e receiv word, an ords, the	d if thi	S						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass				
ANVL- ISISV6-)589:1992(E) s3.9 p25 Aut		5 IIH PDU A	cceptance Te	ests									
9.4 MUST	Acceptance Tests														
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass				





	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3
ANVL- ISISV6-)589:1992(E s3.9 p25 Aut		5 IIH PDU A	cceptance Te	ests					
9.5 MUST	If auth		on is ena thenticat	cion info	ormation			ed L1 LA he IS do			
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL- ISISV6-	ISO/IEC 10 RFC 1195)589:1992(E) s3.9 p25 Aut) s8.4.2.1 p4 hentication	5 IIH PDU A	cceptance Te	ests					
10.1 MUST	doesn"t	enticatio						ed L2 LA e L2 IS			
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL- ISISV6-)589:1992(E s3.9 p25 Aut		Transmission	n of LAN IIH	PDUs					
10.2 MUST	Authentication An L2 IS will include authentication information of type Password containing the circuitTransmitPassword as the authentication value in its L2 LAN IIH PDU if authentication is enabled on the circuit										
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass





	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3				
ANVL- ISISV6-)589:1992(E) s3.9 p25 Aut		5 IIH PDU A	cceptance Te	ests									
10.3 MUST	contain Passwore	entications authent	tication	informat	ion of t	ype Pass	word, an	ed L2 LA d if thi n the L2	S						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass				
ANVL-	ISO/IEC 10589:1992(E) s8.4.2.1 p45 IIH PDU Acceptance Tests														
ISISV6-	RFC 1195 s3.9 p25 Authentication														
MUST	Authentication If authentication is enabled on a circuit and the received L2 LAN IIH contains authentication information of type Password, and if this Password does not match any of the circuitReceivePasswords, then the L2 IS discards the PDU														
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass				
ANVL- ISISV6-)589:1992(E) s3.9 p25 Aut		5 IIH PDU A	cceptance Te	ests									
10.5 MUST	IIH con	enticatio	thenticat	tion info	rmation			ed L2 LA he IS do							
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass				





	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3	
ANVL- ISISV6-	ISO/IEC 10 information)589:1992(E)	s7.3.2 p19-	p20 Generat	ion of local li	nk state						
MUST	The upda under th	ion of Lo ate proce he follow Timer Exp	ess is re wing circ	esponsibl cumtances	e for ge	nerating	Link St	ate PDUs				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass	
ANVL- ISISV6-	ISO/IEC 10589:1992(E) s7.3.5 p21 Periodic LSP Generation											
11.2 MUST	The Inte	ion of Lo ermediate st maxim	e System	shall re	generate	every L	SP at in	tervals				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass	
ANVL- ISISV6-	ISO/IEC 10)589:1992(E)	s7.3.5 p21	Periodic LSF	Generation							
11.3 MUST	The Inte	ion of Lo ermediate st maximo	e System	shall re	generate	every L	SP at in	tervals				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass	





	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3		
ANVL-	ISO/IEC 10)589:1992(E)	s7.3.16.1 p	29 Sequence	e number					-			
ISISV6- 11.4 SHOULD	When the		ce number	reaches	the Sec	uence Mo	dulus, t st MaxAg		ng				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL		
ANVL- ISISV6-	ISO/IEC 10589:1992(E) s7.3.16.3-4 p29 Remaining LifeTime Field & LSP Expiration synchronization												
11.5 MUST	Generation of Local Link State Information If the Remaining LifeTime field of the received LSP is zero the system shall purge that LSP from its database and synchronizes by flooding an expired LSP												
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		
ANVL- ISISV6-		0589:1992(E) synchronizat		p29 Remair	ning LifeTime	Field & LSF							
11.6 MUST	Generation of Local Link State Information If the Remaining LifeTime field of the received LSP is zero the system shall purge that LSP from its database and synchronizes by flooding an expired LSP												
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		





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ANVL- ISISV6-	ISO/IEC 10 information)589:1992(E	s7.3.2 p19-	p20 Generat	ion of local li	nk state						
11.7 MUST	The upd	ion of Lo ate proce he follow Timer Exp	ess is re wing circ	esponsibl cumtances	e for ge	nerating	Link St	ate PDUs				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass	
ANVL-	ISO/IEC 10)589:1992(E	s7.3.16.1 p	29 Sequence	e number							
ISISV6- 11.8 SHOULD	When the		ce number	reaches	the Sec	quence Mo	dulus, t st MaxAg		ng			
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	
ANVL- ISISV6-	ISO/IEC 10)589:1992(E	S7.3.4 P21	Multiple LSF	Ps							
17.2 MUST	Multiple LSPs If an LSP becomes empty because of all the adjacencies reported in that LSP no longer exists, an IS may purge that LSP instead of re-issuing it											
	FreeBS D 10.3:											
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass	





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ANVL- ISISV6-	ISO/IEC 10 Intermedia)589:1992(E) te systems	s7.2.8.1 p1	5 Computing	routes throu	ugh overload	ed								
17.5 MUST	system :	ision Pro	r from ar	n IS whos			an Inte LSP Data								
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass				
	FreeBSD 12.0: untested														
ANVL- ISISV6-	ISO/IEC 10	SO/IEC 10589:1992(E) S7.3.4 P21 Multiple LSPs													
17.8 MUST	in that	SP become	longer ex				encies r at LSP i								
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass				
ANVL- ISISV6-	ISO/IEC 10 Intermedia)589:1992(E) te systems	s7.2.8.1 p1	5 Computing	routes throu	ıgh overload	ed								
17.11 MUST	Multiple LSPs The Designer Process shall not utilize a link to an Intermediate														
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass				





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ANVL-	RFC 5308,	s2, p2 IPv6	Reachability	TLV										
ISISV6- 17.13 MUST				5 Reachak tric	oility TL	V must b	e set to	0						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL			
ANVL-	RFC 5308, s2, p2 IPv6 Reachability TLV													
ISISV6- 17.14 MUST	Multiple LSPs The external bit in IPv6 Reachability TLV must be set to 0 to indicate internal metric													
	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	unpredict	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL- ISISV6-	RFC 5308,	s2, p3 IPv6	Reachability	TLV										
17.15 MUST	MAX_V6_	efix is a PATH_METH	RIC (0xFI	ed with a E000000), e normal	this pr	efix MUS	T not							
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			





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ANVL-	ISO/IEC 10)589:1992(E	S7.2.5 P14	Multiple LSF	s for the sar	ne system					
ISISV6- 18.1 MUST	The follower 1. The 2. The		nformation disregant of the LS the IS	rded if t SP Databa Type fiel	the LSP n ase Overl .d	umber is	om LSP w non-zer				
	FreeBS	FreeBSD	FreeBS	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	10.3:	D 10.3:	10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	FAIL	unpredict	FAIL	unpredict	FAIL	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	unpredict	FAIL	FAIL	FAIL	FAIL
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	12.0:	12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	FAIL	FAIL	unpredict	unpredict	FAIL	FAIL
ANVL-	ISO/IEC 10)589:1992(E	S7.3 P19 U	pdate proce	ss						
ISISV6- 18.2 MUST	The upd		ess is re				and pro outing d				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL- ISISV6-	ISO/IEC 10 information)589:1992(E) S7.3.2 P19	-20 Generati	on of local lir	nk state "					
18.3 MUST	Propagation of LSPs										
	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	unpredict	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL





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ANVL-	ISO/IEC 10)589:1992(E)	S7.3.8 P22	Generation	of level 1 pse	eudonode LS	SPs .				
ISISV6- 18.4 MUST	The Area	tion of l a Address 1 Link S	ses optio				en an IS	generat	es	-	
	FreeBS	FreeBS	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	unpredict	pass	unpredict	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	12.0:	12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	unpredict	FAIL	unpredict	unpredict	FAIL	FAIL
ANVL- ISISV6-											
18.5 MUST	If this	o the val	vel 1 LSE				dress fi ss then				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL- ISISV6-	ISO/IEC 10)589:1992(E)	s7.3.14.1 p.	23 Propagati	on of LSPs						
18.6		tion of 1 te PDUs a		cted and	dropped						
MUST	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass





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ANVL- ISISV6-	ISO/IEC 10)589:1992(E)	s7.3.14.2 p	24 Propagati	on of LSPs						
18.7 MUST	Level 1	tion of l Link Sta t one Lev	ate PDUs		e propaga	ted on c	ircuits,	which ha	ave		
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL- ISISV6-											
18.8	When pro	tion of 1 opagating t to the	g a L1 LS					IS shall	1		
MUST	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL- ISISV6-	ISO/IEC 10)589:1992(E)	s7.3.14.2 p	24 Propagati	on of LSPs						
18.9 MUST	When an one sto:	tion of D Intermed red in the on the D	diate Sys ne databa	ase, the	stored 1	ink stat	e PDU ne	eds to			
	FreeBS	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	10.3:	10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	FAIL	unpredict	unpredict	FAIL	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	FAIL	pass	unpredict	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	unpredict	pass	pass	pass	pass	pass





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ANVL- ISISV6-	ISO/IEC 10)589:1992(E)	S7.3.16.3 F	29 Remainir	ng Lifetime F	ield							
18.10 MUST	When the	e to Max	generate Age. Befo		mitting	a link s	all set tate PDU						
	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested		
	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass		
	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBS D 12.0: pass	FreeBS D 12.0: pass	FreeBS D 12.0: pass	FreeBS D 12.0: pass	FreeBS D 12.0: pass	FreeBS D 12.0: pass		
ANVL- ISISV6-	RFC 1195	RFC 1195 S3.1 P15 Exchange of routing information											
18.12	Level 1	Propagation of LSPs Level 1 routers need to know what IP address are reachable from											
MUST	each le	vel 1 rou	rreeBSD	heir are		FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	10.3: unpredict	10.3: unpredict	10.3: unpredict	10.3: unpredict	FreeBS D 10.3: pass	10.3: untested	10.3: untested	10.3: untested	10.3: untested	10.3: untested	10.3: untested		
	Ubuntu 16.04: pass	Ubuntu 16.04: unpredict	Ubuntu 16.04: unpredict	Ubuntu 16.04: FAIL	Ubuntu 16.04: FAIL	Ubuntu 16.04: FAIL	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass		
	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: unpredict	FreeBSD 12.0: unpredict	FreeBSD 12.0: unpredict	FreeBSD 12.0: unpredict	FreeBS D 12.0: FAIL	FreeBSD 12.0: unpredict		
ANVL- ISISV6-	RFC 1195	S3.7 P24 IP-	Only Operat	ion									
18.13 MUST	Some of omitted - The En	for IP ond System	IABLE LEN only rout n Neighbo		ries are	omitted	nk packe	t must bo	e				
	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested		
	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass		
	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBS D 12.0: pass	FreeBS D 12.0: pass	FreeBS D 12.0: pass	FreeBS D 12.0: pass	FreeBS D 12.0: pass	FreeBS D 12.0: pass		





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ANVL-	ISO/IEC 10)589:1992(E	S7.2.5 P14	Multiple LSF	s for the sar	ne system					
ISISV6- 19.1 MUST	The folnumber 1. The 2. The		nformation disregant of the LS the IS	on shall ded if t SP Databa Type fiel	be taken the LSP n se Overl d	umber is	om LSP w non-zer				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL-	ISO/IEC 10)589:1992(E	S7.3 P19 U	pdate proce	SS						
ISISV6- 19.2 MUST	The upd		ess is re	esponsibl	e for ge		and pro				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL- ISISV6-	ISO/IEC 10 information)589:1992(E) ı) S7.3.2 P19	-20 Generati	on of local lir	nk state "					
19.3 MUST	9.3 Multiple LSPs for the Same System The radate properties are specified for appropriate Link State PDUs										
	FreeBS	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	unpredict	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass





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ANVL- ISISV6- 19.4	Multiple The Area	0589:1992(E) e LSPs fo a Address 2 Link S	or the Sa	ame Syste	em not be pr	esent wh	en an IS	generat	es		
WIOST	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL- ISISV6-	ISO/IEC 10589:1992(E) S7.3.15 P24-25 Action on receipt of Link state PDU										
19.5 MUST	If this	e LSPs for is a level or the value of the va	vel 2 LSI	and the	Maximum						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL- ISISV6-)589:1992(E)	-								
19.6		e LSPs fo te PDUs a								г	
MUST	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass





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ANVL- ISISV6- 19.7	Multiple Level 2	0589:1992(E) e LSPs fo Link Sta t one Lev	or the Sa	ame Syste	em	ted on c	ircuits,	which ha	ave		
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL- ISISV6- 19.8	ISO/IEC 10589:1992(E), s7.3.14.2, p24, Propagation of LSPs Multiple LSPs for the Same System When propagating a L2 LSP on a broadcast subnetwork, the IS shall transmit to the multi-destination Address AllL2IS.										
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL- ISISV6- 19.9	Multiple When an one sto	0589:1992(E) e LSPs for Intermed red in the	or the Sa diate Sys ne databa	ame Systestem recease, the	em eives a I stored l	ink stat	e PDU ne	eds to			
	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	FAIL	FAIL	FAIL	unpredict	unpredict	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass





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ANVL- ISISV6-	ISO/IEC 10 state PDU)589:1992(E) s7.3.15.1 p	24 Action on	receipt of a	link							
19.10 MUST	If the	e LSPs fo ID Lengtl tingDoma:	n of the	PDU is r	ot equal			the					
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		
ANVL-	ISO/IEC 10589:1992(E) S7.3.16.3 P29 Remaining Lifetime Field												
ISISV6- 19.11		Multiple LSPs for the Same System											
MUST	When the source generates a link state PDU, it shall set the Remaining Lifetime to MaxAge. Before transmitting a link state PDU to a neighbour, a system shall decrement the Remaining Lifetime												
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		
ANVL-	RFC 1195	S3.2 P17 Ex	change of ro	uting informa	ation								
ISISV6- 19.13 MUST	Level 2	e LSPs for routers	need to	know wha	at IP add	lress are	reachab	le from					
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	unpredict	unpredict	unpredict	unpredict	unpredict	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	FAIL	pass	pass	pass	pass	pass		





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ANVL-	RFC 1195	S3.7 P25 IP-	Only Operat	ion								
ISISV6- 19.14 MUST	Some of omitted - The E	e LSPs for the VARI for IP or ind Systemers of the control of the	IABLE LEN only rout n Neighbo	NGTH fiel ters ours entr	ds from	omitted	nk packe	t must b	e			
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass	
ANVL-	ISO/IEC 10589:1992(E) s7.3.16.1 p28 sequence numbers											
ISISV6- 20.1 MUST	When a	e Numbers system in for its (nitialize			t with s	equence	number				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	
ANVL-	ISO/IEC 10)589:1992(E)	s7.3.16.1 p	28 sequenc	e numbers							
ISISV6- 20.2 SHOULD	The seq	e Numbers uence nu not be ze	mber of a	any actua	illy gene	rated Li	nk State	PDU				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested	
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass	





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ANVL-	ISO/IEC 10)589:1992(E)	s7.3.16.1 p	29 sequenc	e numbers						
ISISV6- 20.3 MUST	Update :	e Numbers sequence in the do	number o	depending	on the	sequence	number	received	from		
	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	unpredict	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	unpredict	pass	pass	pass	pass
ANVL-	ISO/IEC 10)589:1992(E)	s7.3.16.2 p	29 LSP conf	usion						
ISISV6- 20.4 MUST	Sequence Numbers If the sequence numbers match, but checksums do not and the LSP is not generated by the local system, then store the LSP with zero Remaining Lifetime, and flood the LSP										
	FreeBSD	FreeBS	FreeBS	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	10.3:	D 10.3:	D 10.3:	10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	unpredict	FAIL	FAIL	unpredict	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	unpredict	pass	pass	pass	pass	pass
ANVL-	ISO/IEC 10)589:1992(E)	s7.3.16.1 p	28 sequence	e numbers						
ISISV6- 21.1 MUST						t with s	equence	number			
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL





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ANVL-	ISO/IEC 10)589:1992(E)	s7.3.16.1 p	29 sequenc	e numbers									
ISISV6- 21.2 SHOULD				any actua	illy gene	rated Li	nk State	PDU						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD 12.0: untested	12.0: untested untest												
ANVL-	ISO/IEC 10589:1992(E) s7.3.16.1 p29 sequence numbers													
ISISV6- 21.3 MUST	LSP Confusion Update sequence number depending on the sequence number received from system in the domain													
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBSD	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	unpredict	pass	pass	pass			
ANVL-	ISO/IEC 10)589:1992(E)	s7.3.16.2 p	29 LSP conf	usion									
ISISV6- 21.4 MUST	generate	sequence	e local s	match, k system, t LSP										
	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	10.3:	10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	FAIL	FAIL	unpredict	unpredict	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			





	Release 2.0.2	Release 3.0.2	Release 3.0.3	Release 4.0	Release 5.0.1	Release 6.0.3	Release 7.0.1	Release 7.1	Dev 7.2 2019- 09-26	Release 7.2	Release 7.3			
ANVL- ISISV6-	ISO/IEC 10)589:1992(E)), s7.3.17, p3	30, Making th	e update rel	iable								
22.3 MUST	On broad	st Comple	nks, Desi ete Seque	ignated I ence Numb	er Packe	t instea	em shall d of exp it recei	licit	cally					
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD 12.0: untested	12.0: 12.0:												
ANVL- ISISV6-	ISO/IEC 10589:1992(E), s7.3.17, p30, Making the update reliable													
22.4 MUST	On broad	st Comple	nks, Desi ete Seque	ignated I ence Numb	er Packe	t instea	em shall d of exp it recei	licit	cally					
	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	10.3:	10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	FAIL	FAIL	unpredict	unpredict	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	FAIL	FAIL	FAIL	FAIL	FAIL			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBS	FreeBSD	FreeBSD			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	12.0:	12.0:	D 12.0:	12.0:	12.0:			
	untested	untested	untested	untested	untested	pass	unpredict	unpredict	FAIL	unpredict	unpredict			
ANVL- ISISV6-	ISO/IEC 10)589:1992(E)	s7.3.19.1 p	31 Entering t	he waiting s	tate								
24.1 MUST	When an	g the Wa: LSP cani ill be ei	not be st		ne LSP sh	all be i	gnored a	nd waiti	ng					
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	FAIL	FAIL	FAIL	FAIL	FAIL			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	12.0:	12.0:	12.0:	12.0:	12.0:			
	untested	untested	untested	untested	untested	pass	unpredict	unpredict	unpredict	unpredict	unpredict			





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ANVL-	ISO/IEC 10)589:1992(E)	s7.3.19.1 p	31 Entering t	he waiting st	tate				-					
ISISV6- 24.2 MUST	When an	g the Wa: LSP can: ill be e:	not be st		ne LSP sh	all be i	gnored a	nd waiti:	ng						
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	pass	pass	pass	pass	unpredict	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBS	FreeBSD	FreeBSD				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	12.0:	12.0:	D 12.0:	12.0:	12.0:				
	untested	untested	untested	untested	untested	pass	unpredict	unpredict	pass	unpredict	unpredict				
ANVL-	RFC3719 S	Section 2.1 P	age 3 " Max	Age"											
ISISV6- 25.2 SHOULD	MaxAge :	ISISUpdate - RFC 3719 MaxAge SHOULD exceed maximumLSPGenerationInterval by atleast 300 seconds Note: Verify the RemainingLifeTime of the Packet													
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL				
ANVL-	RFC3719 S	Section 2.2 P	age 4 " ISIS	v6HoldingMu	ıltiplier"										
ISISV6- 25.3		ate - RF0 ementatio		llow ISIS	Sv6Holdin	gMultipl	ier to b	e config	urable.						
MAY	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	pass	pass	pass	unpredict	unpredict	untested	untested	untested	untested	untested	untested				
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu				
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:				
	pass	unpredict	unpredict	FAIL	FAIL	FAIL	pass	pass	pass	pass	pass				
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	unpredict	pass	pass	pass	pass	pass				





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ANVL-	RFC3719 S	Section 3.1 P	age 4 " ID L	ength"									
ISISV6- 25.4		ate - RF0 ementatio		ıse an II) Length	of 6.							
MUST	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		
ANVL- ISISV6-	V6-												
25.5 MUST	ISISUpdate - RFC 3719 If a router encounters a PDU with an ID Length different from 0 or 6, section 7.3.15.a.2 dictates that it MUST discard the PDU												
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass		
ANVL- ISISV6-	RFC3719 S	Section 3.2 P	age 5 "maxii	mumAreaAd	dresses"		-			-			
25.6		ate - RF0 ementatio		o use the	e value 3	١.							
SHOULD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD		
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:		
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested		
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu		
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:		
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL		
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:		
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL		





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ANVL- ISISV6-	RFC3719 S	Section 3.2 P	age 5 " max	imumAreaAc	ldresses"		-							
25.7 MUST	If a ro		eives a I				esses tha 7.3.15.		0 or 3,					
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL-	RFC3719 Section 3.3 Page 5 " Protocol Version"													
ISISV6- 25.8 MUST	ISISUpdate - RFC 3719 If a router receives a PDU with a value other than 1 for either field, it MUST drop the packet. Note: Verify the Version field													
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			
ANVL-	RFC3719 S	Section 3.3 P	age 5 " Prot	ocol Version'										
ISISV6- 25.9 MUST	If a ro	ate - RF0 uter rece e packet erify the	eives a I				an 1 for	either	field, i	t MUST				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass			





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ANVL-	RFC3719 S	Section 11 Pa	age 11 "Dop	pelganger LS	SPs"						
ISISV6- 25.23 MUST	A comple LSPID ra	anges co	of CSNPs ver the o	complete ible LSPI	possible D value	e range o which do	PID and E of LSPIDs oes not a				
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL- ISISV6-	RFC1195,	s3.2, p17 Hie	erarchical Ab	breviation of	IP Reachab	ility					
26.1 MUST	Any add:	ress obta	ained fro	om a leve	el 1 LSP	which is	ormation NOT sup led in th	erceded			
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
ANVL- ISISV6-	RFC1195, Information	s3.2, p17 Hi	erarchical Ab	breviation of	IP Reachab	ility					
26.2 MUST	Any add: by the 1 2 LSPs (Note: '	ress obta manually	ained fro configui	om a leve red infor	el 1 LSP rmation i	which is s includ	ormation NOT sup led in th	erceded e level	it		
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL





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ANVL-	RFC 5308,	s2, p2 IPv6	Reachability	TLV										
ISISV6- 26.3 MUST	If a pro	hical Abl efix is 1 Level 2 t	redistrik	outed fro	om a high	er level	to a lo	wer leve	1					
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL			
ANVL-	RFC3719 S	Section 2.1 P	age 3 " Max	Age"										
ISISV6- 28.2 SHOULD	ISISUpdate - RFC 3719 Part 2 MaxAge SHOULD exceed maximumLSPGenerationInterval by atleast 300 seconds Note: Verify the RemainingLifeTime of the Packet													
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	FAIL	FAIL	FAIL	FAIL	FAIL	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	12.0:	D 12.0:			
	untested	untested	untested	untested	untested	FAIL	FAIL	FAIL	FAIL	unpredict	FAIL			
ANVL-	RFC3719 S	Section 2.2 P	age 4 " ISIS	v6HoldingMu	ıltiplier"									
ISISV6- 28.3		ate - RF0 ementatio			Sv6Holdin	gMultipl	ier to b	e config	urable.					
MAY	FreeBSD	FreeBS	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	10.3:	D 10.3:	10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:			
	unpredict	pass	unpredict	pass	unpredict	untested	untested	untested	untested	untested	untested			
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu			
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:			
	unpredict	unpredict	unpredict	unpredict	unpredict	FAIL	pass	pass	pass	pass	pass			
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS			
	12.0:	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:			
	untested	untested	untested	untested	untested	unpredict	pass	pass	pass	pass	pass			





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ANVL-	RFC3719 S	Section 3.1 P	age 4 " ID Lo	ength"							
ISISV6- 28.4		ate - RF0 ementatio) Length	of 6.					
MUST	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL-	RFC3719 Section 3.1 Page 4 " ID Length"										
ISISV6- 28.5 MUST	If a ro	ate - RF0 uter enco 7.3.15.a	ounters a	a PDU wit					or 6,		
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass
ANVL-	RFC3719 S	Section 3.3 P	age 5 " Prote	ocol Version"							
ISISV6- 28.8 MUST	If a ro	ate - RF0 uter rece e packet erify the	eives a I	PDU with	a value	other th	an 1 for	either	field, i	t MUST	
	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	D 10.3:	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	pass	pass	pass	pass	pass	untested	untested	untested	untested	untested	untested
	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu	Ubuntu
	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:	16.04:
	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	pass	pass	pass	pass





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ANVL-	RFC3719 S	Section 3.3 P	age 5 " Prote	ocol Version"	1									
ISISV6- 28.9		ate - RF0 uter reco			a value	other th	an 1 for	either	field. i	. MUST				
MUST	drop the	e packet erify the	•						,					
	FreeBS D 10.3: pass	10.3: pass pass pass pass pass pass pass pas												
	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass			
	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBS D 12.0: pass								
ANVL- ISISV6-	RFC3719 S	Section 11 Pa	age 11 "Dop _l	pelganger LS	SPs"									
28.23	A comple	ate - RF0 ete set 0	of CSNPs	is a set										
MUST	(i.e.,	anges cov there is the range	no possi	ible LSPI	D value	which do	es not a							
	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBS D 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested	FreeBSD 10.3: untested			
	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass			
	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBSD 12.0: untested	FreeBS D 12.0: pass								