



	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- ISIS-1.1	ISO/IEC 10)589:1992(E)	s9.5 p49 Lev	vel 1 LAN IS	to IS hello P	DU					
MUST	Level 1 1. Intra 2. PDU	S Hello I LAN IS t a-domain type = 1! ion/Proto ion = 1	to IS hel Routing	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)589:1992(E)	s9.5 p49 Lev	vel 1 LAN IS	to IS hello P	DU					
MUST	Bit 6-8 Reserve	d/Circuit d which a	Type (5th t Type (9	th octet) and 8t	h bit of	ctet), b Priority LAN IS t	y are	Ē		
	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)	s9.5 p49 Lev	el 1 LAN IS	to IS hello P	DU							
MUST	The value of the correct the c	S Hello I id ID Ler nteger be respondir Value zer Value 259	ngth fiel etween 1 ng length co, which	and 8, i n indicat	nclusive es a six	, indica	ting an : D, field	ID field length	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	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- ISIS-1.4 MUST	ISO/IEC 10589:1992(E)s9.5 p49-50 Level 1 LAN IS to IS hello PDU IS to IS Hello PDU In a LAN Level 1 IIH the Circuit Type must be either 1 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- ISIS-1.5		0589:1992(E) s5.3.1 p37-3				DU							
MUST	The value of Level Area Add	S Hello I id Codes l 1 LAN I dress ls Suppor	that mus IS to IS			the VARI.	ABLE LENG	GTH FIELI)				
	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- ISIS-1.6			intaining Rou P-specific Info											
MUST	The Pro				t be pre	sent in a	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- ISIS-1.7	NEGATIVE	NEGATIVE : RFC 1195 s4.4 p32 Maintaining Router Adjacencies												
MUST	The Pro	IS to IS Hello PDU The Protocol Supported field must be present in all IS-IS Hello Packets send by IP-only routers												
	FreeBS D 10.3: pass pass pass pass pass FreeBS D 10.3: pass pass pass pass pass pass pass pas													
	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- ISIS-1.8	ISO/IEC 10)589:1992(E)	s9.6 p51 Lev	el 2 LAN IS	to IS hello P	DU								
MUST	ISO/IEC 10589:1992(E)s9.6 p51 Level 2 LAN IS to IS hello PDU IS to IS Hello PDU 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	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)	s9.6 p51 Lev	vel 2 LAN IS	to IS hello P	DU								
MUST	Bit 6-8 Reserved	d/Circuit d which a	Type(5th Type(9t	h octet)	and 8th	bit of	et), bit Priority LAN IS	are						
	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-	ISO/IEC 10589:1992(E)s9.6 p51 Level 2 LAN IS to IS hello PDU													
ISIS- 1.10	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(ie. zero length)													
	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-	ISO/IEC 10	589:1992(E)	s9.6 p51 Lev	vel 2 LAN IS	to IS hello P	DU	=		-	-				
1.11 MUST		S Hello I N Level 2		e Circuit	. Type mu	st be ei	ther 2 or	c 3						
MUST	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- ISIS-)589:1992(E) s5.3.2 p38-3				o PDU								
1.12 MUST	The val of Leve Area Ad Protoco	1 2 LAN 3	that mus IS to IS rted			the VARI.	ABLE LEN	GTH FIELI)					
	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- ISIS- 1.13	RFC 1195 s4.4 p32 Maintaining Router Adjacencies s5.2 p34 Overview of IP-specific Information for IS-IS IS to IS Hello PDU													
MUST	The Pro		pported f		st be pre	sent 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- ISIS-	NEGATIVE	: RFC 1195	s4.4 p32 Ma	aintaining Ro	uter Adjacen	cies								
1.14 MUST	The Pro	S Hello I tocol Sup sent by	pported f		st be pre	sent 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			





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ANVL-	RFC 1195	s3.1 p15 Exc	change of Ro	uting informa	ation					•					
ISIS- 1.19 MUST	IP capal	S Hello I ble route ed by oth	ers need				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				
ANVL-	RFC 1195 s4.2 p31 Multiple IP Addresses per Interface														
ISIS- 1.20	IS to IS Hello PDU Each interface corresponding to the SNPA over which is														
MUST		tted can					ICII 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-	RFC 1195	s3.1 p15 Exc	change of Ro	uting informa	ation										
ISIS- 1.21 MUST	IP capal	S Hello I ble route ed by oth	ers need				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- ISIS-	RFC 1195	s4.2 p31 Mu	Itiple IP Addr	esses per In	terface								
1.22 MUST	Each in		correspor		the SNPA 63 IP ad		ich 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- ISIS-													
1.23	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 63 IP Addresses												
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-	RFC 1195	s4.2 p31 Mu	ltiple IP Addr	esses per In	terface								
ISIS- 1.24 MUST	Each In		correspor		the SNPA ximum of			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	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)) s9.8 p54 Le	vel 1 LSPDL	J								
MUST	Discrim	at the le inator =	evel 1 LS 0x83, PI and Vers	OU Type =	18, Ver	sion/Pro	tocol ID	extension	on				
	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 12.0: unteste												
ANVL- ISIS-2.2	ISO/IEC 10589:1992(E) s9.8 p54 Level 1 Link State PDU												
MUST	Bit 6-8	Link State PDU Bit 6-8 of PDU Type (5th octet) and Reserved (7th octet) are reserved which are always set to zero in Level 1 Link State PDU											
	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							
ANVL-	ISO/IEC 10)589:1992(E)) s9.8 p54-55	5 Level 1 Link	State PDU								
MUST	Link State 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 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 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							





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ANVL- ISIS-2.4				Level 1 Link nk State PDU										
MUST	of leve Area Add Intermed Protoco IP Inte	id codes l 1 link dresses diate sys ls Suppon	state PI stem Neig sted dress			the VARI	ABLE LENG	GTH FIELI)					
	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: FAIL	Ubuntu 16.04: FAIL	Ubuntu 16.04: FAIL	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			
	FreeBS D 12.0: pass	FreeBS D 12.0: pass												
ANVL-	ISO/IEC 10589:1992(E) s9.9 p57 Level 2 LSPDU													
ISIS- 2.11 MUST	Discrim	at the le	0x83, PDU	SP must h J Type=20 6th octe	,Version	/Protoco	l ID exte		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: 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- ISIS-	ISO/IEC 10)589:1992(E)	s9.9 p57 Le	vel 2 Link St	ate PDU									
2.12 MUST		of PDU		n octet) vs set to										
	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: 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)589:1992(E)	s9.9 p57 Le	vel 2 Link St	ate PDU									
ISIS- 2.13 MUST	The values: 1. An incorespond	An integer between 1 and 8 ,inclusive, indicating an ID field of coresponding length The value zero, which indicates a six octet ID, field length The value 255, which means a null ID field (i.e., zero length) FreeBS FreeBS FreeBS D 10.3: D 10.3: D 10.3: D 10.3: D 10.3: Untested Unitested Unit												
	FreeBS D 10.3: pass					10.3:	10.3:	10.3:	10.3:	10.3:	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								
ANVL- ISIS- 2.14	RFC 1195	ISO/IEC 10589:1992(E) s9.9 p57-59 Level 2 Link State PDU RFC 1195 s5.3.5,p43-48 Level 2 Link State PDU												
MUST	The value of level Area Add Intermed Protocol IP Intermed	Link State PDU 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 IP Interface Address IP internal Reachability Information												
	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: FAIL	Ubuntu 16.04: FAIL	Ubuntu 16.04: FAIL	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	FreeBS D 12.0: FAIL	FreeBS D 12.0: pass							





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ANVL-	RFC 1195	S3.1 P15 Ex	change of ro	uting informa	ation								
ISIS- 2.17 MUST		ate PDU equires t zed are i						not					
	FreeBSD 10.3: unpredict	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	FreeBSD 12.0: unpredict	FreeBSD 12.0: unpredict		
ANVL- ISIS-	RFC 1195 S3.1 P15 Exchange of routing information												
2.18	IS-IS re	Link State PDU IS-IS requires that any codes in a received PDU that are not											
MUST		zed are											
	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	FreeBSD 12.0: unpredict	FreeBS D 12.0: pass	FreeBS D 12.0: pass		
ANVL- ISIS-3.1	ISO/IEC 10)589:1992(E)	s9.10 p60 L	evel 1 comp	ete sequenc	e numbers F	UDY						
MUST	Level 1 protoco	e Numbers complete l Discrin on (3rd o	e sequenc minator =	0x83, P	DU Type	= 24, Ve	rsion/Pro	otocol II					
	FreeBS D 10.3: D 10.3: D 10.3: D sas D ass												
	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)	s9.10 p60 L	evel 1 Comp	lete sequend	ce number P	DU						
MUST	Bit 6-8	d which a	Type (5th				octet) a		te				
	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) s9.10 p57 Level 1 complete sequence numbers PDU												
MUST	The value shall to the coresponding the coresponding to the coresponding to the coresponding the coresponding to the corespond	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- ISIS-3.4	PDU)589:1992(E) s5.3.6,p48-4	•				rs						
MUST	The value of the second	e Numbers id codes complete Entries enticatio	that mus e sequenc	ce number			ABLE LENG	GTH FIELI	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- ISIS-3.5	ISO/IEC 10 PDU	SO/IEC 10589:1992(E) s9.10 p61-62 Level 2 complete sequence numbers											
MUST	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- ISIS-3.6	ISO/IEC 10)589:1992(E)	s9.11 p62 L	evel 2 Comp	lete sequen	ce number P	DU						
MUST	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 complete 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	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- ISIS-3.7	ISO/IEC 10 PDU)589:1992(E)	s9.11 p61-6	2 Level 2 co	mplete sequ	ence numbe	rs				
MUST	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	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- ISIS-3.8	PDU)589:1992(E) s5.3.7,p49 L	•	·	•						
MUST	The value of the v	e Numbers id codes complete Entries enticatio	that mus	e number			ABLE LENG	GTH FIELI	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	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(E) s9.12	2 p62-63 Lev	el 1 partial s	equence nur	mbers PDU									
MUST	Level 1 protoco	e Numbers partial l Discrin tet)=1 an	sequence minator=0	x83, PDU	Type=26	, Versio	n/Protoco								
	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	D 10.3:	10.3:	10.3:	10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	FAIL	unpredict	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 12.0: untested	12.0: untested untest													
ANVL- ISIS-	ISO/IEC 10589:1992(E) s9.12 p63 Level 1 partial sequence number PDU														
3.10 MUST	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	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:				
	pass	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	FreeBSD	FreeBS	FreeBSD	FreeBS	FreeBSD	FreeBSD				
	12.0:	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	12.0:	D 12.0:	12.0:	12.0:				
	untested	untested	untested	untested	untested	unpredict	pass	unpredict	pass	unpredict	unpredict				
ANVL-	ISO/IEC 10)589:1992(E)	s9.12 p63 L	evel 1 partia	l sequence r	number PDU	-			-					
3.11 MUST	The valid ID Length field shall take any one of these following														
	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	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				





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ANVL- ISIS-			s9.12 p63 L evel 1 partial			number PDU									
3.12 MUST	The val	partial	s PDU that mus sequence				ABLE LENG	GTH FIELI) of						
	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	FreeBSD	FreeBSD	FreeBSD				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	12.0:	12.0:	12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	unpredict	unpredict	unpredict				
ANVL- ISIS-	ISO/IEC 10	0589(E) s9.1	2 p64-65 Lev	el 2 partial s	equence nur	mbers PDU									
3.13	Sequence Numbers PDU Level 2 partial sequence number PDU must have Intra-domain Routing														
MUST	protoco	l Discri	minator=0	x83, PDU	Type=27	, Versio	n/Protoco								
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD				
	10.3:	10.3:	10.3:	10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:				
	unpredict	unpredict	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	FreeBSD	FreeBS	FreeBSD	FreeBSD				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	12.0:	D 12.0:	12.0:	12.0:				
	untested	untested	untested	untested	untested	pass	pass	unpredict	pass	unpredict	unpredict				
ANVL-	ISO/IEC 10)589:1992(E)	s9.12 p64 L	evel 2 partia	l sequence r	number PDU									
ISIS- 3.14 MUST	Bit 6-8	d which a	s PDU Type (5th are alway						2						
	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	FreeBSD	FreeBS	FreeBSD	FreeBSD	FreeBSD				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	12.0:	D 12.0:	12.0:	12.0:	12.0:				
	untested	untested	untested	untested	untested	pass	unpredict	pass	unpredict	unpredict	unpredict				





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ANVL-	ISO/IEC 10)589:1992(E)	s9.12 p64 L	evel 2 partia	l sequence r	number PDU								
ISIS- 3.15 MUST	The values: 1. An incorespond. The	nteger be nding ler value zer	ngth fiel etween 1 ngth co, which	and 8 ,i n indicat	nclusive es a six	,indicat	these fol ing an II D,field I ero lengt) field o Length	of					
	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:			
	pass	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	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			
ANVL- ISIS- 3.16	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													
MUST	The val	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												
	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	FreeBSD	FreeBSD			
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	D 12.0:	12.0:	12.0:			
	untested	untested	untested	untested	untested	pass	pass	pass	pass	unpredict	unpredict			
ANVL-	ISO/IEC 10)589:1992(E)	, s7.2.4, p14	, Links										
MUST	IS disc	Adjacend over neig llo PDUs	ghbours a	and forms	adjacen	cies by	exchangiı	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 IS	SIS PDUs					-					
MUST	Hello pa	Adjacend ackets an uring ISs	re used t	o initia	lize and	maintai	n adjacen	ncies bet	tween					
	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 untested													
ANVL-	ISO/IEC 10589:1992(E), s8.4.2, p44, Broadcast subnetwork IIH PDUs													
ISIS-4.3	Level 1 Adjacency An L1 IS shall transmit only L1 LAN IIHs.													
MUST	FreeBS	FreeBS	FreeBS	FreeBS	FreeBS	• FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	D 10.3: pass	D 10.3: pass	D 10.3: pass	D 10.3: pass	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: 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, p44	, Broadcast	subnetwork I	IH PDUs								
SHOUL D	An L1 I		cy by L1 IS E L1 IS a			he manua	lAreaAddı	resses ar	nd					
	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- ISIS-4.5	ISO/IEC 10)589:1992(E)	, s8.4.2, p44	, Broadcast	subnetwork I	IH PDUs						
MUST	An L1 I	Adjacend S shall t AllL1IS	ransmit	L1 LAN I	IHs to t	he multi	-destinat	cion				
	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- ISIS-4.6	ISO/IEC 10589:1992(E), s8.4.2, p44, Broadcast subnetwork IIH PDUs											
MUST		Level 1 Adjacency L1 ISs shall listen on the multi-destination address AllL1ISs.										
	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- ISIS-4.7		: ISO/IEC 10 subnetwork I	` '	, s8.4.2, p44	,							
MUST	L1 ISs	Adjacend shall rej tion as A	ject any		IH that	doesn"t l	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- ISIS-4.8	ISO/IEC 10)589:1992(E)	, s8.4.2.1, p	44, IIH PDU	acceptance t	ests						
SHOUL D	If the	Adjacend IDLength DomainIDI	of the I	1 IIH is t should	not equ be disc	al to the	e value o	of the IS	5			
	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- ISIS-4.9	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											
SHOUL D	If the :	Level 1 Adjacency If the received L1 IIH"s areaAddresses do not match any of the manualAreaAddresses of the L1 IS, it should reject the adjacency.										
	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	
ANVL- ISIS-	ISO/IEC 10 ISO/IEC 10)589:1992(E))589:1992(E)	, s8.4.2.2, p , s8.2.4.2, p	45, Receipt o 38, IIH PDU	of L1 LAN IIH Processing	PDUs						
4.10 MUST	ISO/IEC 10589:1992(E), s8.2.4.2, p38, IIH PDU Processing Level 1 Adjacency If the received L1 IIHs areaAddress field matches any of the values from the manualAreaAddresses of the L1 IS, it shall accept the adjacency.											
	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD							
	D 10.3:	10.3:	10.3:	10.3:	10.3:							
	pass	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- ISIS-)589:1992(E))589:1992(E)				Js						
4.11 MUST	If the	Adjacend received maximumA	L1 IIHs				ue is equ	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-	ISO/IEC 10589:1992(E), s8.4.2.2, p45, Receipt of L1 IIH PDUs											
ISIS- 4.12 MUST	Level 1 Adjacency If the L1 ISs maximumAreaAddresses is not 3, then it will discard all L1 LAN IIH with non matching maximumAreaAddresses value.											
	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- ISIS-	ISO/IEC 10 ISO/IEC 10)589:1992(E))589:1992(E)), s8.2.4.2, p3), s8.4.2.2, p4	38, IIH PDU 45, Receipt c	processing of L1 IIH PDU	Js						
4.13 MUST	If the I	Adjacend L1 IS on accept a AreaAddre	ly implem an L1 IIH	I even if				mAreaAddı	cesses,			
	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)	, s8.4.2.5.1,	p45, New Ad	djacencies									
ISIS- 4.14 MUST	When an	Adjacend L1 IS re IIH gene	eceives a				r IS (R)	, then th	ıe					
	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), s8.4.2.5.1, p45, New Adjacencies													
ISIS- 4.15 MUST	When an	Adjaceno L1 IS re an adjace	eceives a	ın L1 LAN	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 10)589:1992(E)	, s8.4.2.5.2,	p45, New Ad	djacencies									
ISIS- 4.16 MUST	If a ne	Adjacend ighbour i t from th	is not he		in the H	olding T	ime, the	L1 IS sh	nall					
	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)	, s7.2.4, p14	, Links											
ISIS-5.1	IS disc	Adjacend over neig llo PDUs	ghbours a	and forms	adjacen	cies by	exchangiı	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				
ANVL- ISIS-5.2	RFC 1195, s5.1, p33, Overview of ISIS PDUs														
MUST	Hello pa	Adjacend ackets an uring ISs	re used t	o initia	lize and	maintai	n adjace	ncies bet	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- ISIS-5.3	ISO/IEC 10)589:1992(E)	, s8.4.2, p44	, Broadcast	subnetwork I	IH PDUs									
MUST		Adjacend S shall t		only L2	LAN IIHs										
	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	, Broadcast	subnetwork I	IH PDUs									
SHOUL D	An L2 I	Adjacend IH sent b resses of	by L2 IS			he manua	l Area Ad	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 12.0: untested	12.0: untested untest													
ANVL-	ISO/IEC 10589:1992(E), s8.4.2, p44, Broadcast subnetwork IIH PDUs														
ISIS-5.5 MUST	An L2 I	Adjacend S shall t AllL2ISs	ransmit	L2 LAN I	IHs to t	he multi	-destinat	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- ISIS-5.6	ISO/IEC 10)589:1992(E)	, s8.4.2, p44	, Broadcast	subnetwork I	IH PDUs									
MUST		Adjacend shall lis		he multi	-destina	tion add	ress AllI	L2ISs.							
	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	, Broadcast	subnetwork I	IH PDUs										
MUST	L2 ISs	Adjacend shall rej tion as A	ject any		IH 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					
ANVL- ISIS-5.8	ISO/IEC 10	ISO/IEC 10589:1992(E), s8.4.2.1, p44, IIH PDU acceptance tests														
SHOUL D	If the	Adjacend IDLength DomainIDI	of the I				o the val	lue of th	ne ISs							
	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 Ad	djacencies											
MUST	When an	Adjacend L2 IS re IIH gene	eceives a				r IS (R)	, then th	ie							
	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 Ad	djacencies									
ISIS- 5.10 MUST	When an	Adjaceno L2 IS re an adjace	eceives a	an L2 LAN	I IIH wit	h its own	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 10)589:1992(E)	, s8.4.2.5.2,	p45, New Ad	djacencies									
ISIS- 5.11 MUST	Level 2 Adjacency If a neighbour is not heard within the Holding Time, the L2 IS shall purge it from the database.													
	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	, Broadcast	subnetwork I	IH PDUs								
MUST					e adjace	ncies on	receipt	of L1 ar	nd L2					
	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	unpredict	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)	, s8.4.2, p44	, Broadcast	subnetwork I	IH PDUs				•	
ISIS-6.2	Level 1 An L1/L	and Leve 2 IS shal	el 2 Adja ll transm	icency nit both	L1 and L	2 LAN II	Hs.				
	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- ISIS-6.3	ISO/IEC 10)589:1992(E)	, s8.4.2, p44	, Broadcast	subnetwork I	IH PDUs					
MUST	Level 1 and Level 2 Adjacency An L1/L2 IS shall listen on the multi-destination address AllL1ISs and AllL2ISs for L1 and L2 LAN IIHs respectively.										
	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	unpredict	unpredict	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- ISIS-6.4	ISO/IEC 10)589:1992(E)	, s8.4.2, p44	, Broadcast	subnetwork I	IH PDUs				•	
MUST	An L1/L	and Leve 2 IS shal 1ISs or A	ll reject	any LAN	IIH tha	t doesn"	t have tl	ne destir	nation		
	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- ISIS-7.1)589:1992(E) s4.3 p31 Des										
MUST	Election	Designat n process y field :	s of leve	el 1 desi			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	
ANVL- ISIS-7.2	ISO/IEC 10589:1992(E) s7.2.3 p14 Broadcast subnetwork											
MUST	Level 1 Designated Routers and Pseudonodes Election process of level 1 designated IS is done by verifying priority field in the 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:	
	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- ISIS-7.3		0589:1992(E) s4.3 p31 Des										
MUST	Election	Designat n process y field :	s of leve	el 1 desi	gnated I	S is don	e by ver:	ifying				
	FreeBS PreeBS PreeBSD											
	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- ISIS-7.4		0589:1992(E) s4.3 p31 Des									
MUST	Election	Designat n process y field	s of leve	el 1 desi	gnated I	S is done	e by veri	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-	ISO/IEC 10)589:1992(E)	s8.4.5 p46 l	_AN designa	ted IS						
ISIS-7.5		Designat S becomes ode LSP					ransmit I	. 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:
	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)	s8.4.5 p47 l	_AN designa	ted ISs						
ISIS-7.6	An L1 I	Designat S shall t of the de	transmit	L1 LAN I			ID field	d set to	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- ISIS-8.1)589:1992(E) s4.3 p31 Des										
MUST	Election	Designat n process y field :	s of leve	el 2 desi			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	
ANVL- ISIS-8.2	- ISO/IEC 10589:1992(E) s7.2.3 p14 Broadcast subnetwork											
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:	
	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- ISIS-8.3		0589:1992(E) s4.3 p31 Des										
MUST	Election	Designat n process y field :	s of leve	el 2 desi	gnated I	S is don	e by ver:	ifying				
	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	





	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- ISIS-8.4		0589:1992(E) s4.3 p31 Des									
MUST	Election	Designat n process y field	s of leve	el 2 desi	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-	ISO/IEC 10)589:1992(E)	s8.4.5 p46 l	_AN designa	ted IS						
ISIS-8.5		Designat S becomes ode LSP					ansmit L2	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 10)589:1992(E)	s8.4.5 p47 l	_AN designa	ted ISs						
ISIS-8.6	An L2 I	Designat S shall t of the de	transmit	L2 LAN I			ID field	d set to	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- ISIS-9.1)589:1992(E) s3.9 p25 Aut		4 IIH PDU A	cceptance Te	ests									
MUST	If authordonest	LAN Circ entication contain the PDU	on is ena	abled on	a circui										
	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- ISIS-9.2)589:1992(E) s3.9 p25 Aut		Transmissior	of LAN IIH I	PDUs									
MUST	Level 1 LAN Circuit Authentication An L1 IS will include authentication information of type Password containing the circuitTransmitPassword as the authentication value in its L1 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				
ANVL- ISIS-9.3)589:1992(E) s3.9 p25 Aut		5 IIH PDU A	cceptance Te	ests									
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- ISIS-9.4		0589:1992(E) s3.9 p25 Aut		5 IIH PDU A	cceptance Te	ests						
MUST	If author contains	s authent	on is ena cication ot match	abled on informat any of t	a circui ion of t	t and th ype Pass itReceiv	word, and	d if this				
	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- ISIS-9.5		0589:1992(E) s3.9 p25 Aut		5 IIH PDU A	cceptance Te	ests						
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- ISIS-		0589:1992(E) s3.9 p25 Aut		5 IIH PDU A	cceptance Te	ests						
10.1 MUST	Level 2 LAN Circuit Authentication If authentication is enabled on a circuit and the received L2 LAN IIH doesn"t contain the authentication information field, the L2 IS shall 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	





	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- ISIS-		0589:1992(E) s3.9 p25 Aut		Transmission	of LAN IIH I	PDUs								
MUST	An L2 II	ing the d	nclude au circuitTr	uthentica ransmitPa	on tion inf ssword a tion is	s the au	thenticat	cion valu						
	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- ISIS-	ISO/IEC 10589:1992(E) s8.4.2.1 p45 IIH PDU Acceptance Tests RFC 1195 s3.9 p25 Authentication													
10.3 MUST	If author contains	s authent	on is ena tication	abled on informat	on a circui ion of t uitRecei	ype Pass	word, and	d if this	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- ISIS-		0589:1992(E) s3.9 p25 Aut		5 IIH PDU A	cceptance Te	ests								
10.4 MUST	Level 2 LAN Circuit Authentication If authorization is enabled on a girguit and the regained 12 LAN LIN													
	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- ISIS-)589:1992(E) s3.9 p25 Aut		5 IIH PDU Ad	cceptance Te	ests								
10.5 MUST	If authors IIH cons		on is ena thenticat	abled on ion info	a circui rmation		e receive e that th							
	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- ISIS-	ISO/IEC 10589:1992(E) s7.3.2 p19-p20 Generation of local link state information													
MUST	Periodic LSP Generation The update process is responsible for generating Link State PDUs under the following circumtances Upon Timer Expiration (LSPGenerationTimer)													
	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- ISIS-	ISO/IEC 10)589:1992(E)	s7.3.5 p21	Periodic LSP	Generation									
11.2 MUST	The Int	c LSP Ger ermediate st maxim	e System				SP at int	cervals						
	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- ISIS- 11.3	Periodio	0589:1992(E) C LSP Gerermediate	neration			every I	SD at int	ervals			
MUST		st maximu			interval 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- ISIS-)589:1992(E)	•	29 Sequence	number						
11.4 SHOUL D	When the	c LSP Ger e sequend should be Lifetime	ce number						ıg		
	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- ISIS-		0589:1992(E) synchronizat		p29 Remain	ing LifeTime	Field & LSP					
MUST	If the l	c LSP Ger Remaining tem shall ding an e	g LifeTin l purge t	hat LSP					es		
	FreeBSD	FreeBS	FreeBSD	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	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:
	unpredict	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	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





	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- ISIS-		0589:1992(E) synchronizat		p29 Remain	ing LifeTime	Field & LSP								
MUST	If the lithe sys		g LifeTim l purge t	hat LSP	of the r from its				es					
	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- ISIS-	ISO/IEC 10589:1992(E) s7.3.2 p19-p20 Generation of local link state information													
11.7 MUST	The upda under th	he follow	ess is re wing circ	cumtances	e for ge : erationTi		Link Sta	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- ISIS-	ISO/IEC 10)589:1992(E)	s7.3.16.1 p	29 Sequence	number									
11.8 SHOUL D	When the		ce number		the Seq period o				ıg					
	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- ISIS- 17.1 MUST	Type of If there which s	S3.5 P23 Typ Service e is no pupports ted using	Routing path from that part	n source	to desti ype of s	nation m ervice,	ade up oi then the	f routers packet w	s, vill						
	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	FreeBSD	FreeBSD	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	12.0:	12.0:	D 12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	unpredict	unpredict	pass				
ANVL- ISIS- 17.2	ISO/IEC 10589:1992(E) S7.3.4 P21 Multiple LSPs Type of Service Routing If an LSP becomes empty because of all the adjacencies reported in that LSP no longer exists, an IS may purge that LSP instead														
MUST	in that		longer ex												
	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- ISIS-	RFC 1195	s5.3.4 P42 L	evel 1 Link S	State PDU											
17.3 MUST	Bit 8 o	Service f DEFAULT smission		is reser	ved and	must be	set to ze	ero							
	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	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	s5.3.4 P42 L	evel 1 Link S	State PDU							
ISIS- 17.4 MUST	Bit 7 o	Service f DEFAULT ing inter	r METRIC		arked I/	E) must :	be set to	o zero			
	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	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
ANVL- ISIS-	ISO/IEC 10 Intermediat	0589:1992(E) te systems	s7.2.8.1 p1	5 Computing	routes throu	gh overloade	ed				
17.5 MUST	The Dec	Service ision Pro neighbour d indicat	ocess sha r from ar	n IS whos							
	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	S3.5 P23 Ty	oe of Service	Routing							
ISIS- 17.7 MUST	Type of Service Routing If there is no path from source to destination made up of routers, which supports that particular type of service, then the packet will forwarded using default metric										
	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	FreeBSD	FreeBS
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	12.0:	D 12.0:	12.0:	D 12.0:
	untested	untested	untested	untested	untested	pass	pass	unpredict	pass	unpredict	pass





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ANVL- ISIS- 17.8 MUST	Type of If an Li in that	Service Service SP become LSP no l	Routing es empty longer ex	because	of all t									
	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 s5.3.5 P45 Level 2 Link State PDU													
ISIS- 17.9	Type of Service Routing Bit 8 of DEFAULT METRIC is reserved and must be set to zero on transmission													
MUST			FreeBS	FreeBS	FracBC	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD			
	FreeBS D 10.3: FAIL	FreeBS D 10.3: FAIL	D 10.3: FAIL	D 10.3: FAIL	FreeBS D 10.3: FAIL	10.3: untested	10.3: untested	10.3: untested	10.3: untested	10.3: untested	10.3: 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			
ANVL-	RFC 1195	s5.3.4 P45 L	evel 2 Link S	State PDU										
151S- 17.10 MUST	Bit 7 o	Service f DEFAULT ing inter	r METRIC		arked I/	E) must 1	be set to) zero						
	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	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- ISIS-	ISO/IEC 10 Intermedia	` ') s7.2.8.1 p1	5 Computing	routes throu	igh overloade	ed							
17.11 MUST	The Dec		ocess sha 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	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- ISIS-	ISO/IEC 10589:1992(E) S7.2.5 P14 Multiple LSPs for the same system													
MUST	number 1. The 2. The 3. The 3.	zero and setting ovalue of Area Addi	disregar of the LS the IS T resses or	rded if t SP Databa Type fiel otion fie	he LSP n se Overl d	umber is oad bit	om LSP wi)	5000	5000	5,,,,,,,,,,			
	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- ISIS-	ISO/IEC 10)589:1992(E)	S7.3 P19 U	pdate proces	ss									
18.2 MUST	The upda		ess is re				and propouting 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			





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ANVL- ISIS-	ISO/IEC 10 information		S7.3.2 P19	-20 Generati	on of local lir	nk state "					
18.3 MUST	The updander to	he follow	ess is re wing circ by the s	cumstance subnetwor	es:	nerating					
	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- ISIS- 18.4	Propaga The Are	tion of I a Address	LSPs ses optic	on will n	· ·	eudonode LS esent who eudonode	en an IS	generate	es		
	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- ISIS-	ISO/IEC 10 PDU)589:1992(E)	S7.3.15.1 P	24-25 Action	n on receipt o	of Link state					
18.5 MUST	If this	o the val	vel 1 LSF			Area Addee					
	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)	s7.3.14.1 p	23 Propagati	on of LSPs										
ISIS- 18.6		tion of I te PDUs a		ted 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	FreeBSD	FreeBS	FreeBS				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	12.0:	D 12.0:	D 12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	unpredict	pass	pass				
ANVL- ISIS-	ISO/IEC 10589:1992(E) s7.3.14.2 p24 Propagation ofLSPs														
18.7 MUST	Level 1	tion of I Link Sta t one Lev	ate PDUs		propaga	ted on c	ircuits,	which ha	ive						
	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- ISIS-	ISO/IEC 10)589:1992(E)	, s7.3.14.2,	o24, Propaga	ation of LSPs										
18.8 MUST	When pro	tion of I opagating t to the	g a L1 LS					IS 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				





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ANVL- ISIS- 18.9 MUST	Propaga When an one sto	red in th	LSPs diate Sys ne databa	stem rece	ives a L	ink stat	than the e PDU nee received	eds to			
	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD
	D 10.3:	D 10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:	10.3:
	FAIL	FAIL	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:
	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
18.10 MUST	When the		generate Age. Befo	re trans	mitting	a link s	all set t tate PDU				
MUST	Lifetim	e to Max	Age. Befo	re trans	mitting	a link s		to a nei	ghbour,	FreeBSD	FreeBSD 10.3:
	D 10.3: pass	D 10.3: pass	D 10.3: pass	D 10.3: pass	D 10.3: pass	untested	untested	10.3: untested	10.3: untested	10.3: 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- ISIS-	RFC 1195	S3.1 P15 Ex	change of ro	uting informa	ation						
18.12 MUST	Level 1	tion of I routers vel 1 rou	need to			ress are	reachab	le from			
	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	S3.7 P24 IP-	Only Operat	ion	-	-				-				
ISIS- 18.13 MUST	Some of omitted	for IP on the formula of the formula	IABLE LEN only rout n Neighbo	ters ours entr	ds from		nk packet	t must be	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- ISIS-	ISO/IEC 10589:1992(E) S7.2.5 P14 Multiple LSPs for the same system													
19.1 MUST	number 1. The 2. The 3. The FreeBS	zero and setting ovalue of Area Addi	disregar of the LS the IS Tresses or	rded if to the second s	the LSP nase Overlad	only frumber is oad bit			FreeBSD 10.3:	FreeBSD 10.3:	FreeBSD 10.3:			
	D 10.3: pass	D 10.3: pass	D 10.3: pass	D 10.3: pass	D 10.3: 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- ISIS-	ISO/IEC 10)589:1992(E)	S7.3 P19 U	pdate proces	SS									
19.2 MUST	The upda	ate proce	ess is re	esponsibl		on nerating ut the r								
	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- ISIS-	ISO/IEC 10 information	` '	S7.3.2 P19	-20 Generati	on of local lir	nk state "					
19.3 MUST	The upda under the When i	ate proce he follow	ess is re wing circ by the s	esponsibl cumstance subnetwor	Informati e for ge es: k depend	nerating					
	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- ISIS- 19.4 MUST	Generat The Area	ion of Lo a Address	ocal Link ses optic	State I	of level 2 pse informati not be pr alf of ps	on esent wh	en an IS	generate	es		
	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- ISIS-	ISO/IEC 10 PDU)589:1992(E)	S7.3.15 P2	4-25 Action of	on receipt of	Link state					
19.5 MUST	Generation of Local Link State Information If this is a level 2 LSP and the Maximum Area Address field is not equal to the value of the ISs Maximum Area Address then the PDU shall be discarded										
	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)	s7.3.14.1 p	23 Propagati	on of LSPs										
ISIS- 19.6		ion of Lo te PDUs a				on									
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	FreeBSD	FreeBS	FreeBSD				
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	12.0:	D 12.0:	12.0:				
	untested	untested	untested	untested	untested	pass	pass	pass	unpredict	pass	unpredict				
ANVL- ISIS-	ISO/IEC 10589:1992(E) s7.3.14.2 p24 Propagation ofLSPs														
19.7 MUST	Level 2	ion of Lo Link Sta t one Lev	ate PDUs	shall be			ircuits,	which ha	ive						
	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)	, s7.3.14.2,	o24, Propaga	ation of LSPs	3									
1SIS- 19.8 MUST	When pro	ion of Lo opagating t to the	g a L2 LS	SP on a b	roadcast	subnetw		IS 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				





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ANVL- ISIS- 19.9 MUST	Generat When an	ion of Lo Intermed red in the	ocal Link diate Sys ne databa	State I stem rece use, the	nformati ives a L stored l	SP older ink state	e PDU nee	eds to					
	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	FreeBSD	FreeBSD	FreeBS		
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	12.0:	12.0:	D 12.0:		
	untested	untested	untested	untested	untested	pass	pass	pass	unpredict	unpredict	pass		
ANVL- ISIS- 19.10	ISO/IEC 10589:1992(E) s7.3.15.1 p24 Action on receipt of a link state PDU Generation of Local Link State Information If the ID Length of the PDU is not equal to the value of the ISs routingDomainISLength, the PDU shall be discarded												
	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- ISIS-	ISO/IEC 10)589:1992(E)	S7.3.16.3 P	29 Remainin	ng Lifetime Fi	eld							
19.11 MUST	When the	ion of Lo e source e to Max <i>l</i> m shall o	generate Age. Befo	es a link ore trans	state P	DU,it sha a link 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		





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ANVL- ISIS- 19.13	Generat Level 2	S3.2 P17 Ex ion of Lo routers vel 2 rou	ocal Link need to	State I know wha	nformati t IP add		reachab	le from			
	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- ISIS-	RFC 1195	S3.7 P25 IP-	Only Operat	ion							
19.14 MUST	Generation of Local Link State Information Some of the VARIABLE LENGTH fields from IS-IS link packet must be omitted for IP only routers - The End System Neighbours entries are omitted - The Prefix Neighbours entries are omitted										
	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- ISIS-	ISO/IEC 10)589:1992(E)	s7.3.16.1 p	28 sequence	e numbers					-	
20.1 MUST	When a	LSP Sequesystem in	nitialize	es, it sh		t with s	equence 1	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- ISIS-	ISO/IEC 10)589:1992(E)	s7.3.16.1 p	28 sequence	e numbers						
20.2 SHOUL	The sequ	LSP Sequuence nur	mber of a		lly gene	rated Li	nk State	PDU			
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- ISIS-	ISO/IEC 10589:1992(E) s7.3.16.1 p29 sequence numbers Level 1 LSP Sequence Numbers Update sequence number depending on the sequence number received from system in the domain										
20.3 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	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- ISIS-	ISO/IEC 10)589:1992(E)	s7.3.16.2 p	29 LSP confu	usion						
20.4 MUST	If the s	LSP Sequence ed by the e, and fl	numbers e local s	match, b system, t							
	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	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	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	28 sequence	e numbers						
ISIS- 21.1 MUST	When a	LSP Sequesystem in	nitialize	es, it sh	all star Us	t with s	equence 1	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	29 sequence	e numbers						
ISIS- 21.2 SHOUL	The seq	LSP Sequuence nur	mber of a		lly gene	rated Li	nk State	PDU			
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-	ISO/IEC 10)589:1992(E)	s7.3.16.1 p	29 sequence	e numbers						
ISIS- 21.3 MUST	Update	LSP Sequence in the do	number d		on the	sequence	number 1	received	from		
	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- ISIS- 21.4 MUST	Level 2 If the generate	Level 2 LSP 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														
	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:					
	FAIL	unpredict	FAIL	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	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- ISIS-	ISO/IEC 10)589:1992(E)	s7.3.19.1 p	31 Entering t	he waiting st	ate										
24.1		LSP canr		ored, th	le LSP sh	all be i	gnored an	nd waitin	ıg							
MUST		ill be er		5 5 0	E 50	F DOD	F POD	F POD	F POD	F POD	F POD					
	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	FreeBS	FreeBS	FreeBSD	FreeBS	FreeBS					
	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	D 12.0:	12.0:	D 12.0:	D 12.0:					
	untested	untested	untested	untested	untested	pass	pass	pass	unpredict	pass	pass					
ANVL-	ISO/IEC 10)589:1992(E)	s7.3.19.1 p	31 Entering t	he waiting st	ate										
1SIS- 24.2 MUST		State LSP canr ill be er		cored, th	e LSP sh	all be i	gnored an	nd waitin	ıg							
	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:					
	FAIL	unpredict	FAIL	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	pass	pass	pass	pass	pass	pass	pass	pass					
	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBSD	FreeBS	FreeBS	FreeBSD	FreeBSD	FreeBSD					
	12.0:	12.0:	12.0:	12.0:	12.0:	12.0:	D 12.0:	D 12.0:	12.0:	12.0:	12.0:					
	untested	untested	untested	untested	untested	unpredict	pass	pass	unpredict	unpredict	unpredict					





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ANVL-	RFC3719 S	Section 2.1 P	age 3 " Max	Age"											
ISIS- 25.2 SHOUL	ISISUpdate - RFC 3719 MaxAge SHOULD exceed maximumLSPGenerationInterval by atleast 300 seconds Note: Verify the RemainingLifeTime of the Packet														
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	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	pass	FAIL	FAIL	FAIL	FAIL	FAIL				
ANVL-	RFC3719 S	Section 2.2 P	age 4 " ISISI	HoldingMultip	olier"										
ISIS- 25.3		ate - RF(ementatio		low ISIS	: : : : : : : : : : : : : : : : : : :	ultiplie:	r to be o	configura	able.						
MAY	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	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	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				
ANVL-	RFC3719 S	Section 3.1 P	age 4 " ID Le	ength"											
ISIS- 25.4		ate - RF(ementatio		ıse an ID) 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				





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ANVL-	RFC3719 S	Section 3.1 P	age 4 " ID Le	ength"												
ISIS- 25.5 MUST	If a ro	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-	RFC3719 S	Section 3.2 P	age 5 "maxir	mumAreaAdd	dresses"											
ISIS- 25.6	ISISUpdate - RFC 3719 An implementation SHOULD use the value 3.															
SHOUL D	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	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 3.2 P	age 5 " maxi	mumAreaAd	dresses"											
ISIS- 25.7 MUST	If a ro	ate - RF0 uter rece discard	eives a E						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					





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ANVL-	RFC3719 S	Section 3.3 P	age 5 " Proto	ocol Version"							
ISIS- 25.8 MUST	If a ro	ate - RF(uter rece e packet. erify the	eives a I		a value	other th	an 1 for	either f	Tield, it	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 3.3 Page 5 " Protocol Version" 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/Protocol ID field										
ISIS- 25.9 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 S	Section 11 Pa	age 11 "Dopp	oelganger LS	SPs"					-	
ISIS- 25.23 MUST	A comple LSPID ra (i.e.,	ate - RF(ete set (anges cov there is the range	of CSNPs ver the c no possi	complete .ble LSPI	possible D value	range of which do	f LSPIDs es not ap	•			
	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 2.1 P	age 3 " Max/	Age"										
ISIS- 26.2 SHOUL	MaxAge :	ate - RF(SHOULD ex erify the	kceed max	cimumLSPG			l by atle	east 300	seconds					
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:			
	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 Section 2.2 Page 4 " ISISHoldingMultiplier"													
ISIS- 26.3	ISISUpdate - RFC 3719 Part 2 An implementation MAY allow ISISHoldingMultiplier to be configurable.													
MAY	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	unpredict	unpredict	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-	RFC3719 S	Section 3.1 P	age 4 " ID Le	ength"										
ISIS- 26.4		ate - RF(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			





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ANVL-	RFC3719 S	Section 3.1 P	age 4 " ID Le	ength"							
ISIS- 26.5 MUST	If a ro	ate - RFO uter enco 7.3.15.a	ounters a	a PDU wit				from 0 c	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 Section 3.3 Page 5 " Protocol Version"										
ISIS- 26.8 MUST	ISISUpdate - RFC 3719 Part 2 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 " Proto	ocol Version"							
26.9 MUST	If a ro	ate - RF0 uter rece e packet. erify the	eives a F	DU with			an 1 for	either f	field, it	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 \$	Section 11 Pa	age 11 "Dopp	oelganger LS	SPs"		-	-	-		
ISIS- 26.23 MUST	A complete LSPID reference (i.e.,	ate - RF(ete set (anges co there is the range	of CSNPs ver the c no possi	is a set complete .ble LSPI	possible D value	range of which do	f LSPIDs es not a _l				
	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