

	Release 2.0	3.0-dev 2017-04-25	3.0-dev 2017-05-24	3.0-dev 2017-06-30	Release 3.0-rc1	Master 2017-08-16	Master 2017-08-24	Master 2017-09-08	Release 3.0-rc2
Туре	FRR	FRR	FRR	FRR	FRR	FRR	FRR	FRR	FRR
Commit ID	3e71b5d	3d7746c	f731a65	f92f83b	c47b10c	fb13970	511684d	5cf0c43	2d67d5a
Commit Date	2017-04-02	2017-04-25	2017-05-24	2017-07-01	2017-08-09	2017-08-16	2017-08-24	2017-09-08	2017-09-14
ANVL-RIP-1.1	RFC 2453 s3.6 p20 Message	Format							
MUST	RIP Message and Pack Each router that use datagrams on UDP por	es RIP has a routing p	rocess that sends						
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass
ANVL-RIP-2.1 MUST	NEGATIVE: RFC 2453 s3.6 p21 Message RFC 2453 s3.10.2 p30 Gener	Format ating Response Messages							
	RIP Packet Formats There may be between Recall that there is	n 1 and 25 (inclusive) s a limit of 25 RTEs t	RIP entries. o a Response.						
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass
ANVL-RIP-2.2	NEGATIVE: RFC 2453 s4 p31 Protocol Ex RFC 2453 s3.6 p20-21 Messa								
	RIP Packet Formats The RIP Message Form	nat is:							
		1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0						
	command (1) v		ust be zero (2)						
	i i	RIP Entry (20)		<u> </u> 					
		n 1 and 25 (inclusive) cesting that only vali							
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass
ANVL-RIP-2.3	NEGATIVE: RFC 2453 s3.1 p21 Message	Format							
MUST	RIP Packet Formats The commands impleme	ented in version 1 and	2 are request and re	esponse					
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass

Test Report created at 2017-09-22 23:29:04 UTC
Page 1 of 10



	Release 2.0	3.0-dev	3.0-dev 2017-05-24	3.0-dev 2017-06-30	Release	Master	Master 2017-08-24	Master 2017-09-08	Release			
ANVL-RIP-2.4	NEGATIVE RFC 2453 s3.6 p21 Message	2017-04-25	2017-05-24	2017-00-30	3.0-rc1	2017-08-16	2017-00-24	2017-09-08	3.0-rc2			
MUST	RIP Packet Formats	INET (2) is generally	supported.									
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-2.5	NEGATIVE: RFC 2453 p21 Message Form	nat										
MUST	which specifies the	ntains a value between current metric for th indicates that the de	e destination; or									
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-2.8	RFC 2453 s3.6 p20 Message RFC 2453 s4 p31 Protocol Ex	Format tensions										
MUST	RIP Packet Formats The RIP Response Mes	ssage Format is:										
	+-+-+-+-+-+-+-+-+	1 2 4 5 6 7 8 9 0 0 0 1 2 3 4 5 6 7 8 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 4 5 6 7 8 9 0 	1								
	Ĩ	RIP Entry (20)		+ +								
	There may be between	n 1 and 25 (inclusive)	RIP entries.					1				
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-3.1 MUST	RFC 2453 s3.7 p22 Addressin RIP Addressing Consi If host routes are r they are received in	lerations not supported, they ar	re to be dropped when									
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-3.2	NEGATIVE: RFC 2453 s3.7 p22-23 Addres	ssing considerations										
MUST	The destinations appretworks, hosts, or Normally hosts only networks.	(NOTE: Here we are testing the DUT does not accept bad values in										
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			

Test Report created at 2017-09-22 23:29:04 UTC
Page 2 of 10





	Release 2.0	3.0-dev 2017-04-25	3.0-dev 2017-05-24	3.0-dev 2017-06-30	Release 3.0-rc1	Master 2017-08-16	Master 2017-08-24	Master 2017-09-08	Release 3.0-rc2			
ANVL-RIP-3.3	RFC 2453 s3.7 p22 Addressin	g Considerations			•			•				
MUST	RIP Addressing Consierations RIP-1 routes to a subnet must not be sent outside the network of which the subnet is a part.											
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-3.5	RFC 2453 s3.7 p23 Addressin	g Considerations			•							
SHOULD	just as if it were a decision as to how r the implementor. Mos	erations create RIP entries for network to which the couters create entries at commonly, the system to specify which rout	y are connected. The for 0.0.0.0 is left m administrator will	to be								
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-4.3	RFC 2453 s3.8 p24 Timers											
SHOULD	RIP Timers Route expiration tim timer should be 120	ner should be 180 seco	nds and garbage colle	ction								
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-4.4	RFC 2453 s3.8 p23-24 Timers							•				
MUST	RIP Timers The garbage-collecti a new route to an un	on timer is reset upo reachable network.	n the reception of									
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-5.1	RFC 2453 s5 p34 Compatabili	ty										
MUST	Input Processing RIP messages of vers	ion 0 are to be disca	rded.									
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-5.2	RFC 2453 s5 p34 Compatabili	ty										
MUST	Input Processing RIP messages of vers (MBZ) field is non-z	sion 1 are to be disca	rded if any Must Be Z	ero								
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			

Test Report created at 2017-09-22 23:29:04 UTC Page 3 of 10





	Release 2.0	3.0-dev 2017-04-25	3.0-dev 2017-05-24	3.0-dev 2017-06-30	Release 3.0-rc1	Master 2017-08-16	Master 2017-08-24	Master 2017-09-08	Release 3.0-rc2
ANVL-RIP-5.3	RFC 2453 s5 p34 Compatabil	ity				•	•	•	•
SHOULD		version greater than 3Z field contains a va		rded					
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass
ANVL-RIP-6.1	RFC 2453 s3.9.1 p25 Reques	t Messages							
MUST	routers which have routing tables as quesituations (e.g., roonly a single router be sent directly to RIP port. If such a	are sent as broadcasts just come up and are saickly as possible. Houter monitoring) when is needed. In this that router from a UI a Request is received,	seeking to fill in the lowever, there may be the routing table o case, the Request should port other than the the router responds	ir f uld					
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass
ANVL-RIP-6.5	NEGATIVE: RFC 2453 s3.9.1 p25 Reques	t Messages							
MUST	family identifier of	one entry in the requ zero and a metric of send the entire rout	infinity (i.e., 16),	dress then					
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass
ANVL-RIP-6.6	RFC 2453 s3.9.1 p25 Reques	t Messages							
MUST	RIP Requests Validate RIP Respons	se Message in reply to	Request Message.						
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass
ANVL-RIP-7.1	RFC 2453 s3.9.2 p26 Respon	se Messages							
MUST	RIP Responses The Response must be (UDP Port 520).	e ignored if it is not	from the RIP port.						
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass
ANVL-RIP-7.2	NEGATIVE: RFC 2453 s3.9.2 p26 Respon	se Messages							
MUST	RIP Responses The datagram's IPv4 the datagram is from	source address should a a valid neighbor	be checked to see wh	ether					
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass

Test Report created at 2017-09-22 23:29:04 UTC Page 4 of 10





	Release 2.0	3.0-dev 2017-04-25	3.0-dev 2017-05-24	3.0-dev 2017-06-30	Release 3.0-rc1	Master 2017-08-16	Master 2017-08-24	Master 2017-09-08	Release 3.0-rc2				
ANVL-RIP-7.3	NEGATIVE: RFC 2453 s3.9.2 p26 Respon	se Messages											
MUST	the router's own add receive copies of th a router processes i	RIP Responses It is also worth checking to see whether the response is from one of the router"s own addresses. Interfaces on broadcast networks may receive copies of their own broadcasts/multicasts immediately. If a router processes its own output as new input, confusion is likely so such datagrams must be ignored.											
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass				
ANVL-RIP-14.1	RFC 2453 s4.4 p33 Next hop												
MUST	RIP Next Hop An address specified reachable on the log	d as a next hop must, gical subnet over whic	per force, be directl ch the advertisement i	y s made.									
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass				
ANVL-RIP-14.2	RFC 2453 s4.4 p33 Next hop												
MUST	RIP Next Hop The purpose of the Next Hop field is to eliminate packets being routed through extra hops in the system. It is particularly useful If the received Next Hop is not directly reachable, it should be treated as 0.0.0.0.												
	as 0.0.0.												
	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 10.3: pass	Ubuntu 16.04: pass FreeBSD 10.3: pass	Ubuntu 16.04: pass FreeBSD 10.3: pass	Ubuntu 16.04: pass FreeBSD 10.3: pass	Ubuntu 16.04: pass FreeBSD 10.3: pass	Ubuntu 16.04: pass FreeBSD 10.3: untested	Ubuntu 16.04: pass FreeBSD 10.3: pass	Ubuntu 16.04: pass FreeBSD 10.3: pass				
ANVL-RIP-15.1	Ubuntu 16.04: pass	FreeBSD 10.3: pass											
ANVL-RIP-15.1 MUST	Ubuntu 16.04: pass FreeBSD 10.3: pass RFC 2453 s4.5 p33 Multicasting In order to reduce to listening to RIP-2 meriodic broadcasts. In order to maintain multicast address wi	FreeBSD 10.3: pass ng unnecessary load on the messages, an IP multicast and backwards compatibil	FreeBSD 10.3: pass nose hosts which are not ast address will be underess is 224.0.0.9. ity, the use of the	FreeBSD 10.3: pass									
	Ubuntu 16.04: pass FreeBSD 10.3: pass RFC 2453 s4.5 p33 Multicasting In order to reduce to listening to RIP-2 meriodic broadcasts. In order to maintain multicast address wi	FreeBSD 10.3: pass unnecessary load on the messages, an IP multicast and backwards compatibility be configurable	FreeBSD 10.3: pass nose hosts which are not ast address will be underess is 224.0.0.9. ity, the use of the	FreeBSD 10.3: pass									
	Ubuntu 16.04: pass FreeBSD 10.3: pass RFC 2453 s4.5 p33 Multicasting In order to reduce ulistening to RIP-2 mperiodic broadcasts. In order to maintain multicast address wi (NOTE: Here we are to	FreeBSD 10.3: pass ng nnecessary load on the messages, an IP multicast and backwards compatibility be configurable testing DUT sends multicast and multicast and backwards compatibility be configurable testing DUT sends multicast and multicast and backwards compatibility be configurable testing DUT sends multicast and mul	FreeBSD 10.3: pass nose hosts which are not ast address will be usedress is 224.0.0.9. ity, the use of the cicast RIP-2 update)	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass				
	Ubuntu 16.04: pass FreeBSD 10.3: pass RFC 2453 s4.5 p33 Multicasting In order to reduce u listening to RIP-2 m periodic broadcasts. In order to maintain multicast address wi (NOTE: Here we are t	FreeBSD 10.3: pass ng nnecessary load on the messages, an IP multicast and backwards compatibility be configurable testing DUT sends multiple testing DUT	FreeBSD 10.3: pass nose hosts which are not address will be underessed in 224.0.0.9. Lity, the use of the cicast RIP-2 update) Ubuntu 16.04: pass	FreeBSD 10.3: pass not used for Ubuntu 16.04: pass	FreeBSD 10.3: pass Ubuntu 16.04: pass	FreeBSD 10.3: pass Ubuntu 16.04: pass	FreeBSD 10.3: untested Ubuntu 16.04: pass	FreeBSD 10.3: pass Ubuntu 16.04: pass	FreeBSD 10.3: pass Ubuntu 16.04: pass				
MUST	Ubuntu 16.04: pass FreeBSD 10.3: pass RFC 2453 s4.5 p33 Multicasting In order to reduce to listening to RIP-2 meriodic broadcasts. In order to maintain multicast address with (NOTE: Here we are to the Ubuntu 16.04: pass FreeBSD 10.3: pass RFC 2453 s4.5 p33 Multicasting In order to reduce to listening to RIP-2 meriodic broadcasts. In order to maintain multicast address with the periodic broadcasts. In order to maintain multicast address with the RFC 2453 s4.5 p33 Multicasting to RIP-2 meriodic broadcasts. In order to maintain multicast address with the RFC 2453 s4.5 p33 Multicasting to RIP-2 meriodic broadcasts. In order to maintain multicast address with the RFC 2453 s4.5 p33 Multicasting to RIP-2 meriodic broadcasts.	FreeBSD 10.3: pass Innecessary load on the messages, an IP multicast and backwards compatibility be configurable testing DUT sends multicasting DUT sends multi	FreeBSD 10.3: pass nose hosts which are rest address will be underest is 224.0.0.9. Lity, the use of the cicast RIP-2 update) Ubuntu 16.04: pass FreeBSD 10.3: pass nose hosts which are rest address will be underest is 224.0.0.9. Lity, the use of the cicast rest is 24.0.0.9. Lity, the use of the cicast rest is 24.0.0.9.	FreeBSD 10.3: pass Outlined for Ubuntu 16.04: pass FreeBSD 10.3: pass	FreeBSD 10.3: pass Ubuntu 16.04: pass	FreeBSD 10.3: pass Ubuntu 16.04: pass	FreeBSD 10.3: untested Ubuntu 16.04: pass	FreeBSD 10.3: pass Ubuntu 16.04: pass	FreeBSD 10.3: pass Ubuntu 16.04: pass				
MUST ANVL-RIP-15.2	Ubuntu 16.04: pass FreeBSD 10.3: pass RFC 2453 s4.5 p33 Multicasting In order to reduce to listening to RIP-2 meriodic broadcasts. In order to maintain multicast address with (NOTE: Here we are to the Ubuntu 16.04: pass FreeBSD 10.3: pass RFC 2453 s4.5 p33 Multicasting In order to reduce to listening to RIP-2 meriodic broadcasts. In order to maintain multicast address with the periodic broadcasts. In order to maintain multicast address with the RFC 2453 s4.5 p33 Multicasting to RIP-2 meriodic broadcasts. In order to maintain multicast address with the RFC 2453 s4.5 p33 Multicasting to RIP-2 meriodic broadcasts. In order to maintain multicast address with the RFC 2453 s4.5 p33 Multicasting to RIP-2 meriodic broadcasts.	FreeBSD 10.3: pass Innecessary load on the messages, an IP multicast and backwards compatibility be configurable testing DUT sends multicasting DUT sends multi	FreeBSD 10.3: pass nose hosts which are rest address will be underest is 224.0.0.9. Lity, the use of the cicast RIP-2 update) Ubuntu 16.04: pass FreeBSD 10.3: pass nose hosts which are rest address will be underest is 224.0.0.9. Lity, the use of the cicast rest is 24.0.0.9. Lity, the use of the cicast rest is 24.0.0.9.	FreeBSD 10.3: pass Outlined for Ubuntu 16.04: pass FreeBSD 10.3: pass	FreeBSD 10.3: pass Ubuntu 16.04: pass	FreeBSD 10.3: pass Ubuntu 16.04: pass	FreeBSD 10.3: untested Ubuntu 16.04: pass	FreeBSD 10.3: pass Ubuntu 16.04: pass	FreeBSD 10.3: pass Ubuntu 16.04: pass				

Test Report created at 2017-09-22 23:29:04 UTC Page 5 of 10





	Release 2.0	3.0-dev 2017-04-25	3.0-dev 2017-05-24	3.0-dev 2017-06-30	Release 3.0-rc1	Master 2017-08-16	Master 2017-08-24	Master 2017-09-08	Release 3.0-rc2			
ANVL-RIP-16.1	RFC 2453 s5.1 p34 Compatib	ility switch										
MUST	RIP Version Compatibility The switch has four settings: RIP-1, in which only RIP-1 messages are sent; RIP-1 compatibility, in which RIP-2 messages are broadcast; RIP-2, in which RIP-2 messages are multicast; and "none", which disables the sending of RIP messages. CASE: Only RIP-1 messages are sent											
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-16.2	RFC 2453 s5.1 p34 Compatib	ility switch						•				
MUST	sent; RIP-1 compatib	settings: RIP-1, in willity, in which RIP-2 2 messages are multic of RIP messages.	messages are broadca	st;								
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-17.1	RFC 2453 s3.10 p29 Output P	rocessing										
MAY	RIP Parameter Settin It may be necessary routers and send a d	ng to specify an actual Natagram to each one e	list of neighboring xplicitly									
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-1.2	RFC 2453 s3.6 p20 Message	Format										
MUST		et Formats update messages have P port (UDP port numb		nation								
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-1.3	RFC 2453 s3.6 p20 Message	Format										
MUST	RIP Message and Pack Update messages sent from which the reque	in response to a req	quest are sent to the	port								
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-7.9 MUST	NEGATIVE: RFC 2453 s3.10.2 p30 Gener RFC 2453 s5 p34 Compatibilit											
	to zero.	desponse. Set the byt sion 1 are to be disca										
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			

Test Report created at 2017-09-22 23:29:04 UTC Page 6 of 10





	Release 2.0	3.0-dev 2017-04-25	3.0-dev 2017-05-24	3.0-dev 2017-06-30	Release 3.0-rc1	Master 2017-08-16	Master 2017-08-24	Master 2017-09-08	Release 3.0-rc2			
ANVL-RIP-7.10	RFC 2453 s3.4.2 p27 Respon	nse Messages										
MUST	RIP Responses Once the entry has been validated, update the metric by adding the cost of the network on which the message arrived. If the result is greater than infinity, use infinity. That is, metric = MIN (metric + cost, infinity)											
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-7.12	RFC 2453 s3.9.2 p27 Respons	se Messages										
MUST		route, add this route s infinity (there is n										
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-7.13	RFC 2453 s3.9.2 p28 Respons	se Messages										
MUST	RIP Responses If the new metric is	s infinity, start the	deletion process									
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-7.14	RFC 2453 s3.9.2 p27 Respons	se Messages										
MUST	RIP Responses Any entry that fails the current route.	these tests is ignor	ed, as it is no bette	r than								
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-8.1	RFC 2453 s3.10 p28 Output P	Processing										
MUST		be triggered by input		equest								
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-8.3	RFC 2453 s3.10 p28 Output P	Processing										
MUST		be triggered by trigg when a route changes										
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			

Test Report created at 2017-09-22 23:29:04 UTC Page 7 of 10



	Release 2.0	3.0-dev 2017-04-25	3.0-dev 2017-05-24	3.0-dev 2017-06-30	Release 3.0-rc1	Master 2017-08-16	Master 2017-08-24	Master 2017-09-08	Release 3.0-rc2				
ANVL-RIP-8.5	RFC 2453 s3.10.1 p29 Trigger	red Updates		•									
SHOULD	interval between 1 a updates occur before when the timer expir	Output Processing After a triggered update is sent, a timer should be set for a random interval between 1 and 5 seconds. If other changes that would trigger updates occur before the timer expires, a single update is triggered when the timer expires. The timer is then reset to another random value between 1 and 5 seconds.											
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass				
ANVL-RIP-8.17	RFC 2453 s3.4.3 p15-16 Split	horizon											
MUST	neighbor in updates Thus implementors ma rather than split ho	orizon" scheme omits resent to that neighbor by at their option imporizon with poisoned rents RFC [11] specified orizon	r. plement simple split b reverse	norizon									
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass				
ANVL-RIP-9.1	RFC 2453 s3.6 p20 Message	RFC 2453 s3.6 p20 Message format											
	ml - DID II 1	A 2											
	+-+-+-+-+-+-+-+- command (1) v	1 2 0 1 2 3 4 5 6 7 8 9 0	+-+-+-+-+-+-+-+	1									
	0 0 1 2 3 4 5 6 7 8 9 +-+-++-+-+	1 2 0 1 2 3 4 5 6 7 8 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 2 3 4 5 6 7 8 9 0 +-+-+-+-+-+	1	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass	Ubuntu 16.04: pass				
	0 0 1 2 3 4 5 6 7 8 9 +-+-+++++++++++++++++++++++++++++++++	1 2 0 1 2 3 4 5 6 7 8 9 0	0 1 2 3 4 5 6 7 8 9 0 	1 -+-+	Ubuntu 16.04: pass FreeBSD 10.3: pass	Ubuntu 16.04: pass FreeBSD 10.3: unpredict	Ubuntu 16.04: pass FreeBSD 10.3: untested	Ubuntu 16.04: pass FreeBSD 10.3: pass	Ubuntu 16.04: pass FreeBSD 10.3: pass				
ANVL-RIP-9.2	0 0 1 2 3 4 5 6 7 8 9 +-+-+++++++++++++++++++++++++++++++++	1 2 3 4 5 6 7 8 9 0 0 1 2 3 4 5 6 7 8 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 2 3 4 5 6 7 8 9 0 	1 +-+ + Ubuntu 16.04: pass		·							
ANVL-RIP-9.2 MUST	0 0 1 2 3 4 5 6 7 8 9 +-+-+++++++++++++++++++++++++++++++++	1 2 3 4 5 6 7 8 9 0 0 1 2 3 4 5 6 7 8 9 0 0 1 2 3 4 5 6 7 8 9 0 0 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ubuntu 16.04: pass FreeBSD 10.3: pass	1 +-+ + Ubuntu 16.04: pass		·			-				
	0 0 1 2 3 4 5 6 7 8 9 +-+-+-+-+-+-+-+	1 2 3 4 5 6 7 8 9 0 1 2 3	Ubuntu 16.04: pass FreeBSD 10.3: pass (RTE) for 2	1 +-+ Ubuntu 16.04: pass FreeBSD 10.3: pass		·							
	0 0 1 2 3 4 5 6 7 8 9 +-+-+-+-+-+-+-+	1 2 3 4 5 6 7 8 9 0 0 1 2 3 4 5 6 7 8 9 0 0	Ubuntu 16.04: pass FreeBSD 10.3: pass RTE) for 2	1 +-+ + Ubuntu 16.04: pass FreeBSD 10.3: pass 3 1 +-+ +		·							
	0 0 1 2 3 4 5 6 7 8 9 +-+-+-+-+-+-+-+	1 2 3 4 5 6 7 8 9 0 1 2 3	Ubuntu 16.04: pass FreeBSD 10.3: pass RTE) for 2	1 -+-+ + Ubuntu 16.04: pass FreeBSD 10.3: pass		·							
	0 0 1 2 3 4 5 6 7 8 9 +-+-+-+-+-+-+-+	1 2 3 4 5 6 7 8 9 0 0 1 2 3 4 5 6 7 8 9 0 0	Ubuntu 16.04: pass FreeBSD 10.3: pass RTE) for 2	1 -+-+ + Ubuntu 16.04: pass FreeBSD 10.3: pass 3 1 -+-+ +		·							
	0 0 1 2 3 4 5 6 7 8 9 +-+-+-+-+-+-+-+	1 2 3 4 5 6 7 8 9 0 0 1 2 3 4 5 6 7 8 9 0 0	Ubuntu 16.04: pass FreeBSD 10.3: pass FRTE) for 2	1 -+-+ + Ubuntu 16.04: pass FreeBSD 10.3: pass 3 1 -+-+ +		·							
	0 0 1 2 3 4 5 6 7 8 9 +-+-+-+-+-+-+-+	1	Ubuntu 16.04: pass FreeBSD 10.3: pass FRTE) for 2	1 -+-+ + Ubuntu 16.04: pass FreeBSD 10.3: pass 3 1 -+-+ +		·			-				

Test Report created at 2017-09-22 23:29:04 UTC
Page 8 of 10





		1	I	ī	I	ı	1	i				
	Release 2.0	3.0-dev 2017-04-25	3.0-dev 2017-05-24	3.0-dev 2017-06-30	Release 3.0-rc1	Master 2017-08-16	Master 2017-08-24	Master 2017-09-08	Release 3.0-rc2			
ANVL-RIP-10.1	RFC 2453 s4.1 p31 Authentica	ation						•				
MUST	RIP Version 2 Authentication If the Address Family Identifier of the first (and only the first) entry in the message is 0xFFFF, then the remainder of the entry contains the authentication.											
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-10.2	NEGATIVE: RFC 2453 s4.1 p31 Authentica	ation										
MUST	RIP Version 2 Auther If authentication is have an Address Fami		entries in the messag	e should								
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-10.3	NEGATIVE: RFC 2453 s4.1 p32 Authentica	ation										
MUST	type 2. The remaini	Authentication Type ing 16 octets container 16 octets, it must	s simple password and the plain text passwo be left-justified and	ord. If								
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-16.3	RFC 2453 s5.1 p34 Compatib	ility switch						•				
MUST	sent; RIP-1 compatib	settings: RIP-1, in world rile will be settings of RIP-2 messages are multicag of RIP messages.	which only RIP-1 messa 2 messages are broadca cast; and "none", which	ist;								
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-16.4	RFC 2453 s5.1 p34 Compatib	ility switch	•		•			•				
MUST	sent; RIP-1 compatib	settings: RIP-1, in world right, in which RIP-2 messages are multicg of RIP messages.	which only RIP-1 messa messages are broadca cast; and "none", whic	ist;								
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass			
ANVL-RIP-16.5	RFC 2453 s5.1 p34 Compatib	ility Switch										
SHOULD		outers should also imp	plement a receive cont	rol								
	switch which would d	determine whether to a										
	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			

Test Report created at 2017-09-22 23:29:04 UTC Page 9 of 10





	Release 2.0	3.0-dev 2017-04-25	3.0-dev 2017-05-24	3.0-dev 2017-06-30	Release 3.0-rc1	Master 2017-08-16	Master 2017-08-24	Master 2017-09-08	Release 3.0-rc2
ANVL-RIP-16.6	RFC 2453 s5.1 p34 Compatibi	lity Switch						-	
SHOULD		ility uters should also imp etermine whether to a		rol					
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass
ANVL-RIP-16.7	RFC 2453 s5.1 p34 Compatibi	lity Switch						•	
SHOULD		ility uters should also imp etermine whether to a		rol					
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass
ANVL-RIP-16.8	RFC 2453 s5.1 p34 Compatibi	lity Switch							
SHOULD		rility uters should also imp etermine whether to a		rol					
	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 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: pass	FreeBSD 10.3: untested	FreeBSD 10.3: pass	FreeBSD 10.3: pass

Test Report created at 2017-09-22 23:29:04 UTC Page 10 of 10