1 The Document Requiring Conformity: 2 Product Identifier: 3 Supplier's Name, Address and SDOC Contact Details Juniper Networks, 1133 Innovation Way, Sunnyvale, CA 94089, SDOC contact: Bill Shelton-bshelton-glyuniper.net, 571-203-1825 4 Product as Tested/Declared: Product Identifier, version/nevision information, details of configuration tested. 5 Product Family (other products using same IPV6 stack(s) to which these results are declared to apply). Check Product Family attestation below. 5 Product Family (other products using same IPV6 stack(s) to which these results are declared to apply). Check Product Family attestation below. 5 Product Family (other products using same IPV6 stack(s) to which these results are declared to apply). Check Product Family attestation below. 5 Product Family (other products using same IPV6 stack(s) to which these results are declared to apply). Check Product Family attestation below. 5 Product Family (other products using same IPV6 stack(s) to which these results are declared to apply). Check Product Family attestation below. 5 Product Family (other products using same IPV6 stack(s) to which these results are declared to apply). Check Product Family attestation below. 5 Product Family (other products using same IPV6 stack in the product provide a summary of its USCv6-capabilities below and include a detailed test result summary. 6 USGv6 Capability summary. (For each distinct IPV6 stack in the product IPV6-Base+AddreAnth-IPSacv4-AIRV2+SLAG+Link-Ethernot. 7 Self Contained or Composite SDOC? (Aust indicate one). 8 Self Contained or Composite SDOC? (Aust indicate one). 9 Supplementary Attestations (Answer AIRV2-AIRV2+SLAG+Link-Ethernot. 9 Supplementary Attestations (Answer AIRV2-AIRV2+SLAG+Link-Ethernot. 9 Supplementary Attestations (Answer AIRV2-AIRV2+SLAG+Link-Ethernot.). 10 Stack ID: 1	Supplie	uppliers Declaration of Conformity for USGv6 Products USGv6-v1 SDOC-v1.10 Page											
3 Supplier's Name, Address and SDOC Contact Details Juniper Networks, 1133 Innovation Way, Sunnyvale, CA 94089, SDOC contact- Bill Shelton-behelton@junipernet, 571-203-1825 4 Product as Tested/Declared: Product Identifier, version/revision information, details of configuration tested. 18.1R2 5 Product Family (other products using same IPv6 stack) to which these results are declared to apply). Check Product Family attestation below. 5RX300, 320, 340, 345, 550M, 1500, 4100, 4200, 4500, 5600, 5800, vSRX 6 USGV6 Capability summary. (For each distinct IPv6 stack in the product provide a summary of its USGv6 capabilities below and include a detailed test result summary). e.g. example-product/stack-it-USGv6-v1-inv6-IPv6-Base+ defact-entry-it-Ps0-cv3-it-IEv2-SLAC+Link-Ethernot. 7 Self Contained or Composite SDOC? (Must indicate one). 9 Self Contained or Composite SDOC? (Must	1												
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See instructions for fields 1-12 on Page 4.		Print Name	/ Title	William N. S	helton, Dire	ector- Federa	al Certifications and Police	су					
	See instruc	e instructions for fields 1-12 on Page 4.											

11	Suppli	ers Declaration of Conformity for USGv6 Pro	USGv6-v1 SDOC-v1.10 Page 2									
Product Id:		Juniper SRX345 Stack Id							18.1			
		Context / Supported Cap			rted Capa	bilities		USGv6 Testing P	g Program Results			
Spec /			Configuration				Test Suite	Test Lab / Result ID, Note #, or		Test Lab / Result ID, Note #, or		
	Section		Option	Host	Router	NPD	Conformance/NPD	Component Ref	Test Suite Interoperability	Component Ref		
SP500-267	6.1	IPv6 Basic Requirements support of IPv6 base (IPv6;ICMPv6;PMTU;ND)	ID: C Dana				Deale od * C		Dania V4 * I			
		support of IPV6 base (IPV6;ICMPV6;PMT0;ND) support of PMTU Discovery Protocol requirements	IPv6-Base PMTU				Basic_v1.*_C Basic_v1.*_C		Basic_V1.*_I Basic_V1.*_I			
		support of stateless address auto-configuration					SLAAC-V1.* C		SLAAC-V1.* I			
		support of Creation of Global Addresses	SLAAC - c(M)				SLAAC-V1.* C		SLAAC-V1.* I			
		support of SLAAC privacy extensions.	PrivAddr				Self Test		Self Test			
		support of stateful (DHCP) address auto-	DHCP-Client				DHCP_Client_v1.*_C		DHCP_Client_v1.*_I			
		support of automated router prefix delegation					Self Test		Self Test			
		support of neighbor discovery security extensions	SEND				Self Test		Self Test			
SP500-267	6.6	Addressing Requirements										
		support of addressing architecture reqts	Addr-Arch				Addr_Arch_v1.*_C		Addr_Arch_v1.*_I			
00500 007		support of cryptographically generated addresses	CGA				Self Test		Self Test			
SP500-267	6.7	IP Security Requirements support of the IP security architecture	IPsecv3				IPsecv3_v1.*_C		IPsecv3_v1.*_I			
		support for automated key management					IKEv2_v1.*_C		IKEv2_v2.*_I			
		support for encapsulating security payloads in IP					ESPv3_v1.*_C		ESP_v1.*_I			
SP500-267	6.11	Application Requirements										
0. 000 20.	0	support of DNS client/resolver functions	DNS-Client				Self Test		Self Test			
		support of Socket application program interfaces	SOCK				Self Test		Self Test			
		support of IPv6 uniform resource identifiers	URI				Self Test		Self Test			
		support of a DNS server application					Self Test		Self Test			
		support of a DHCP server application	DHCP-Server				Self Test		DHCP_Serv_v1.*_I			
SP500-267	6.2	Routing Protocol Requirements										
		support of the intra-domain (interior) routing protocols	IGW				Self Test		OSPFv3_v1.*_I			
SP500-267	6.4	support for inter-domain (exterior) routing protocols Transition Mechanism Requirements	EGW				Self Test		BGP_v1.*_I			
3F300-201	0.4	support of interoperation with IPv4-only systems	IPv4			P	Self Test	Self Declaration	Self Test	Self Declaration		
		support of funneling IPv6 over IPv4 MPLS services	6PE				Self Test	Och Deciaration	Self Test	CCII Deciaration		
SP500-267	6.8	Network Management Requirements	V. 2				3611 7660		Self Test			
		support of network management services	SNMP			Р	Self Test	Self Declaration	Self Test	Self Declaration		
SP500-267	6.9	Multicast Requirements										
		support of basic multicast	Mcast				Self Test					
		full support of multicast communications	SSM				Self Test		Self Test			
SP500-267	6.10	Mobility Requirements	MID				O. W. T I		0.16.7			
		support of mobile IP capability.	MIP				Self Test		Self Test			
SP500-267	6.3	support of mobile network capabilities Quality of Service Requirements	NEMO				Self Test		Self Test			
3F300-201	0.3	support of Differentiated Services capabilities	DS			P	Self Test	Self Declaration	Self Test	Self Declaration		
SP500-267	6.12	Network Protection Device Requirements	ВО			•	och rest	OCII Deciaration	OCII TOSI	CCII Deciaration		
01 000 201	0.12	support of common NPD regts	NPD			Р	N1 N2 N3 N4_v1.3					
		support of basic firewall capabilities	FW			Р	N1_FW_v1.3	UNH-IOL/29292				
		support of application firewall capabilities	APFW			P	Self Test	Self Declaration				
		support of intrusion detection capabilities	IDS			N	N3_IDS_v1.3	UNH-IOL/29293				
		support of intrusion protection capabilities	IPS			N	N4_IPS_v1.3	UNH-IOL/29294				
SP500-267	6.5	Link Specific Technologies										
		support of robust packet compression services	ROHC				Self Test		Self Test			
		support of link technology [O:1]	Link= Ethemet			Р	Self Test	Self Declaration	Self Test	Self Declaration		
		(repeat as needed) support of link technology	l ink-									
40				4!	L 4 4	41						
12		< Check HERE if this stack's DOC includes	additional inform	nation a	bout tes	tea cap	abilities and options or	an attached page 3 of notes.				
Level	Level o	f support for USGv6-v1 Requirements for capability				Color	Indication of USGv6-v1 Recommended Level of Support for device type / stack role.					
	Blank -	SDOC makes no declaration for this capability.					Indicates capability that is i	recommendend as mandatory (uncon	ditional MUST) in the USGv	6-v1 Profile.		
Р	Passed	required tests of USGv6-V1 requirements for these cap	abilities.				Indicates cabability that is	unusal for a given device type / stack	role. Do not select withou	t careful analysis.		
N	See not	es page for details on the level of support of USGv6-v7	I reequirements for	this capa	bility.		Indicates capability that is I	eft optional / ocnditional by the recon	nmedations of the USGv6-v	1 Profile.		
X	USGv6	capability not supported in product.										
Test Suite - S	Specific I	JSGv6 Test suite used for test. See: http://www.antd.r	ist.gov/usgv6/test-	specificati	ons.html			Note # - reference to a	detailed note about this ca	apability or result on attached page.		
Test Lab / Re	sult ID	- Abbreviation of accredited laboratory and its local ider	ntifier for this test re	sult.			Component Ref	- Supplier / Product / Stack ID of dist	inctly tested component that	at provides this capability.		

		of Confor	mity for USGv6 Products: Notes Page and D	etailed Test Re	sults Su					<u> </u>	6-v1 SDOC-v1.10 Page 3		
rieiu			SRX345		Stack Id:			18.1					
13				Context /	Suppo	rted Capa	bilities		Notes about USG	v6-v1 Capabilities.			
Note #	Spec / Reference	Section	USGv6-v1 Profile Requirements	Configuration Option	Host	Router	NPD	Test Suite Conformance/NPD	Test Lab / Result ID, Note	Test Suite Interoperability	Test Lab / Result ID, Note		
Note #	Reference	Section	030v0-v1 F10ille Requirements	Орион	Host	Router	NED	Comormance/NFD	UNH-IOL/29293, the DUT was	interoperability	rest Lab / Nesult ID, Note		
									able to detect but not log the drop of traffic destined to the				
		6.12.5.1.2 &							loopback address ::1				
1	SP500-267		4.2 (D) Malformed Packet Detection				Х	NPD-IDS					
			was a result of a bug that was introduced with Junos 1	7.4 software. Dev	ices with	Junos 15.	1X49 do n	ot have this bug. This b	ug was addressed by PR 138886	30 and is resolved in the fo	ollowing sofware releases-		
Discussion) <u>:</u>	17.4R3, 18	1R4, 18.2R2, 18.3R1, and 18.4R1 and later.										
		040540							UNH-IOL/29293, the DUT was				
		6.12.5.1.2 &							able to detect but not log the drop of traffic destined to the				
2	SP500-267		4.2 (D) Malformed Packet Detection				X	NPD-IPS	loopback address ::1				
Discussion	ı:	This failure was a result of a bug that was introduced with Junos 17.4 software. Devices with Junos 15.1X49 do not have this bug. This bug was addressed by PR 1388860 and is resolved in the following sofware releases-17.4R3, 181R4, 18.2R2, 18.3R1, and 18.4R1 and later.											
		111110, 10	The following and return and later.										
3						<u> </u>							
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vendor's G	elleral Notes /	Discussion	Tabout uns Froduct / Stack's Capabilities.										