	iers Declara	ation of Conforr	mity for USGv6	Products		USGv6-v1 SDOC-					
1	The Docu	ment Requiring	Conformity:				USGv6 Profile Version 1.0, July 2008. (NIST SP500-267)				
2	Product le	dentifier:			Dell El	MC Netw	orking OS				
3		Name, Addres	s and SDOC Co	ntact Details							
	Way, Round	d Rock, TX 7868 off Yin (Jeff_Yin@									
4	Product a	s Tested/Declar	red: Product Ide	ntifier, version/revision information,	details of o	configuratio	on tested.				
				Dell EMC Networki	ng OS 9.1	1(0.0)					
5							ply). Check Product Family attestation below.				
			s, S4048-ON, S4	048T-ON, S4810, S4820T, S5000	, S6000, S6	6010-ON, S	66100-ON				
	es: Z9100-C	N, 29500 letwork Director	and C1049D Da	t Extender							
-		IXL 10/40GbE BI									
				dge FN I/O Aggregator							
(3	-g- : /: "							
6	USGv6 Ca	apability summa	arv. (For each d	istinct IPv6 stack in the product pro	ovide a sum	mary of its	USGv6 capabilities below and include a detailed test result				
				JSGv6-v1-Host: IPv6-Base+Addr-A							
	Ü	SGv6-v1-Host: I	Pv6-Base+Addı	-Arch+SLAAC+Link=Ethernet, U	SGv6-v1-R	outer:IPv6	-Base+Addr-Arch+SLAAC+Link=Ethernet				
	1										
7	7 Self Contained or Composite SDOC? (Must indicate one).										
YES		lared USGv6 capabil	,				provided by the use and/or integration of umodified components that have				
	SDOC.	d by orginal test resu	iits reportea in this				erenced SDOCs are identified in section 8 and attached. This product's ecific referenced components (product-id/stack-id).				
				, . 3	,	, . ,	, , , , , , , , , , , , , , , , , , ,				
8	Additiona	I Declarations /	Attachments: (List supplier & product-id/stack-id f	or reference	ed and atta	sched test results in the case of composite products).				
	Compone	nt Supplier		Product ID:	Stack ID:		Notes:				
[1]		Dell Inc		S4810	- 11/2	0) 114					
[2]		Dell Inc		34010	9.11(0.	U) HOST	Management Interface				
[3]		Dell inc		S4810	<u> </u>) Router	Management Interface				
[4]		Dell Inc			<u> </u>	•	Management Interface				
		Dell inc			<u> </u>	•	Management Interface				
9	Suppleme	entary Attestation	ons (Answer all).		<u> </u>	•	Management Interface				
	Suppleme	entary Attestatio	<u> </u>		<u> </u>) Router	Management Interface is fully functional in IPv6 only environments. That is, no claimed capabilities				
		entary Attestation This product is fully capabilities are inval	functional in dual sta	S4810	9.11(0.0	This product					
	YES	entary Attestation This product is fully capabilities are invaliented environment.	functional in dual sta lidated ifthis product	S4810 ck environments. That is, no claimed is operated in a dual stack (6 and 4) network	9.11(0.0	This product are invalidate lpv4.	is fully functional in IPv6 only environments. That is, no claimed capabilities ed if this product is deployed in a network environment that does not support				
		entary Attestatio This product is fully capabilities are inval environment. This SDOC contains	functional in dual sta lidated ifthis product s a capabilities test re	S4810 ck environments.That is, no claimed	9.11(0.0	This product are invalidate lpv4.	is fully functional in IPv6 only environments. That is, no claimed capabilities				
	YES	entary Attestation This product is fully capabilities are invaling environment. This SDOC contains product. If not, the s	functional in dual sta lidated ifthis product s a capabilities test re	S4810 ck environments. That is, no claimed is operated in a dual stack (6 and 4) network uport for each unique IPv6 stack in the red are documented, and how their Ipv6	9.11(0.0	This product are invalidate lpv4. All of the pro their USGv6 family. The s	is fully functional in IPv6 only environments. That is, no claimed capabilities and if this product is deployed in a network environment that does not support ducts listed in the product family in section 5 are implemented such that capabilities are identical in form and function across the entire product pecific conformance and interoperability test results for the USGv6				
	YES	entary Attestation This product is fully capabilities are invaling environment. This SDOC contains product. If not, the s	functional in dual sta lidated ifthis product s a capabilities test re tacks/ports not cove	S4810 ck environments. That is, no claimed is operated in a dual stack (6 and 4) network uport for each unique IPv6 stack in the red are documented, and how their Ipv6	9.11(0.0	This product are invalidate lpv4. All of the protheir USGv6 family. The scapabilities of	is fully functional in IPv6 only environments. That is, no claimed capabilities and if this product is deployed in a network environment that does not support ducts listed in the product family in section 5 are implemented such that capabilities are identical in form and function across the entire product pecific conformance and interoperability test results for the USGv6 of an identified member of this product family are provided in this SDOC. The				
	YES	entary Attestation This product is fully capabilities are invaling environment. This SDOC contains product. If not, the s	functional in dual sta lidated ifthis product s a capabilities test re tacks/ports not cove	S4810 ck environments. That is, no claimed is operated in a dual stack (6 and 4) network uport for each unique IPv6 stack in the red are documented, and how their Ipv6	9.11(0.0	This product are invalidate lpv4. All of the protheir USGv6 family. The scapabilities of	is fully functional in IPv6 only environments. That is, no claimed capabilities and if this product is deployed in a network environment that does not support ducts listed in the product family in section 5 are implemented such that capabilities are identical in form and function across the entire product pecific conformance and interoperability test results for the USGv6 of an identified member of this product family are provided in this SDOC. The sthat these tested USGv6 capabilities are identical and unmodified for all				
	YES	entary Attestation This product is fully capabilities are invalenvironment. This SDOC contains product. If not, the scapabilities differ fro	functional in dual sta lidated ifthis product s a capabilities test re tacks/ports not cove	S4810 ck environments. That is, no claimed is operated in a dual stack (6 and 4) network uport for each unique IPv6 stack in the red are documented, and how their Ipv6	9.11(0.0	This product are invalidate Ipv4. All of the pro their USGv6 family. The s capabilities o SDOC attest	is fully functional in IPv6 only environments. That is, no claimed capabilities and if this product is deployed in a network environment that does not support ducts listed in the product family in section 5 are implemented such that capabilities are identical in form and function across the entire product pecific conformance and interoperability test results for the USGv6 of an identified member of this product family are provided in this SDOC. The sthat these tested USGv6 capabilities are identical and unmodified for all				
9	YES YES Signature	entary Attestation This product is fully capabilities are invalentionment. This SDOC contains product. If not, the scapabilities differ fro	functional in dual sta lidated ifthis product s a capabilities test re tacks/ports not cove m those reported are	S4810 ck environments. That is, no claimed is operated in a dual stack (6 and 4) network sport for each unique IPv6 stack in the red are documented, and how their Ipv6 explained.	9.11(0.0 YES	This product are invalidate Ipv4. All of the pro their USGv6 family. The s capabilities o SDOC attest	is fully functional in IPv6 only environments. That is, no claimed capabilities and if this product is deployed in a network environment that does not support ducts listed in the product family in section 5 are implemented such that capabilities are identical in form and function across the entire product pecific conformance and interoperability test results for the USGv6 if an identified member of this product family are provided in this SDOC. The st that these tested USGv6 capabilities are identical and unmodified for all cited above.				
10	YES YES Signature Print Name	entary Attestation This product is fully capabilities are invalenvironment. This SDOC contains product. If not, the scapabilities differ fro	functional in dual sta lidated ifthis product s a capabilities test re tacks/ports not cove m those reported are	S4810 ck environments. That is, no claimed is operated in a dual stack (6 and 4) network uport for each unique IPv6 stack in the red are documented, and how their Ipv6	9.11(0.0 YES	This product are invalidate Ipv4. All of the pro their USGv6 family. The s capabilities o SDOC attest	is fully functional in IPv6 only environments. That is, no claimed capabilities and if this product is deployed in a network environment that does not support ducts listed in the product family in section 5 are implemented such that capabilities are identical in form and function across the entire product pecific conformance and interoperability test results for the USGv6 if an identified member of this product family are provided in this SDOC. The st that these tested USGv6 capabilities are identical and unmodified for all cited above.				
10	YES YES Signature Print Name	entary Attestation This product is fully capabilities are invalentionment. This SDOC contains product. If not, the scapabilities differ fro	functional in dual sta lidated ifthis product s a capabilities test re tacks/ports not cove m those reported are	S4810 ck environments. That is, no claimed is operated in a dual stack (6 and 4) network sport for each unique IPv6 stack in the red are documented, and how their Ipv6 explained.	9.11(0.0 YES	This product are invalidate Ipv4. All of the pro their USGv6 family. The s capabilities o SDOC attest	is fully functional in IPv6 only environments. That is, no claimed capabilities and if this product is deployed in a network environment that does not support ducts listed in the product family in section 5 are implemented such that capabilities are identical in form and function across the entire product pecific conformance and interoperability test results for the USGv6 if an identified member of this product family are provided in this SDOC. The st that these tested USGv6 capabilities are identical and unmodified for all cited above.				
10	YES YES Signature Print Name	entary Attestation This product is fully capabilities are invalenvironment. This SDOC contains product. If not, the scapabilities differ fro	functional in dual sta lidated ifthis product s a capabilities test re tacks/ports not cove m those reported are	S4810 ck environments. That is, no claimed is operated in a dual stack (6 and 4) network sport for each unique IPv6 stack in the red are documented, and how their Ipv6 explained.	9.11(0.0 YES	This product are invalidate Ipv4. All of the pro their USGv6 family. The s capabilities o SDOC attest	is fully functional in IPv6 only environments. That is, no claimed capabilities and if this product is deployed in a network environment that does not support ducts listed in the product family in section 5 are implemented such that capabilities are identical in form and function across the entire product pecific conformance and interoperability test results for the USGv6 if an identified member of this product family are provided in this SDOC. The st that these tested USGv6 capabilities are identical and unmodified for all cited above.				
10	YES YES Signature Print Name	entary Attestation This product is fully capabilities are invalenvironment. This SDOC contains product. If not, the scapabilities differ fro	functional in dual sta lidated ifthis product s a capabilities test re tacks/ports not cove m those reported are	S4810 ck environments. That is, no claimed is operated in a dual stack (6 and 4) network sport for each unique IPv6 stack in the red are documented, and how their Ipv6 explained.	9.11(0.0 YES	This product are invalidate Ipv4. All of the pro their USGv6 family. The s capabilities o SDOC attest	is fully functional in IPv6 only environments. That is, no claimed capabilities and if this product is deployed in a network environment that does not support ducts listed in the product family in section 5 are implemented such that capabilities are identical in form and function across the entire product pecific conformance and interoperability test results for the USGv6 if an identified member of this product family are provided in this SDOC. The st that these tested USGv6 capabilities are identical and unmodified for all cited above.				

		iers Declaration of Conformity for USGv6		oiai ca v			a root recounts ourini			6v6-v1 SDOC-v1.10 Pag		
Product Id:		Dell EMC Networking (os		Stack I	d:	9.11(0.0)					
			Context /	Suppo	rted Capa	bilities		USGv6 Testing Program Results				
Spec /			Configuration				Test Suite	Test Lab / Result ID, Note #, or	Test Suite	Test Lab / Result ID, Note #,		
eference	Section		Option	Host	Router	NPD	Conformance/NPD	Component Ref	Interoperability	Component Ref		
500-267	6.1	IPv6 Basic Requirements										
		support of IPv6 base (IPv6;ICMPv6;PMTU;ND)	IPv6-Base	Р			Basic_v1.*_C	UNH-IOL/25747	Basic_V1.*_I	UNH-IOL/25750		
		support of PMTU Discovery Protocol requirements	PMTU	Р			Basic_v1.*_C	UNH-IOL/25747	Basic_V1.*_I	UNH-IOL/25750		
		support of stateless address auto-configuration	SLAAC	Р			SLAAC-V1.*_C	UNH-IOL/25748	SLAAC-V1.*_I	UNH-IOL/25751		
		support of Creation of Global Addresses	SLAAC - c(M)	Р			SLAAC-V1.*_C	UNH-IOL/25748	SLAAC-V1.*_I	UNH-IOL/25751		
		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	DHCP-Prefix				Self Test		Self Test			
		support of neighbor discovery security extensions	SEND				Self Test		Self Test			
500-267	6.6	Addressing Requirements										
		support of addressing architecture reqts	Addr-Arch	Р			Addr_Arch_v1.*_C	UNH-IOL/25749	Addr_Arch_v1.*_I	UNH-IOL/25752		
		support of cryptographically generated addresses	CGA				Self Test		Self Test			
500-267	6.7	IP Security Requirements										
		support of the IP security architecture	IPsecv3				IPsecv3_v1.*_C		IPsecv3_v1.*_I			
		support for automated key management	IKEv2				IKEv2_v1.*_C		IKEv2_v2.*_I			
		support for encapsulating security payloads in IP	ESP				ESPv3_v1.*_C		ESP_v1.*_I			
500-267	6.11	Application Requirements										
		support of DNS client/resolver functions	DNS-Client	Р			Self Test	Self Declaration	Self Test			
		support of Socket application program interfaces	SOCK				Self Test		Self Test			
		support of IPv6 uniform resource identifiers	URI	Р			Self Test	Self Declaration	Self Test			
		support of a DNS server application	DNS-Server				Self Test		Self Test			
		support of a DHCP server application	DHCP-Server				Self Test		DHCP Serv v1.* I			
500-267	6.2	Routing Protocol Requirements										
		support of the intra-domain (interior) routing	IGW				Self Test		OSPFv3_v1.*_I			
		support for inter-domain (exterior) routing protocols	EGW				Self Test		BGP v1.* I			
500-267	6.4	Transition Mechanism Requirements										
		support of interoperation with IPv4-only systems	IPv4	Р			Self Test	Self Declaration	Self Test			
		support of tunneling IPv6 over IPv4 MPLS services	6PE				Self Test		Self Test			
500-267	6.8	Network Management Requirements							Self Test			
		support of network management services	SNMP				Self Test		Self Test			
500-267	6.9	Multicast Requirements										
		support of basic multicast	Mcast				Self Test					
		full support of multicast communications	SSM				Self Test		Self Test			
500-267	6.10	Mobility Requirements										
		support of mobile IP capability.	MIP				Self Test		Self Test			
		support of mobile network capabilities	NEMO				Self Test		Self Test			
500-267	6.3	Quality of Service Requirements										
		support of Differentiated Services capabilities	DS				Self Test		Self Test			
500-267	6.12	Network Protection Device Requirements										
	****	support of common NPD regts	NPD				N1 N2 N3 N4_v1.3					
		support of basic firewall capabilities	FW				N1_FW_v1.3					
		support of application firewall capabilities	APFW				Self Test			1		
	1	support of intrusion detection capabilities	IDS				N3_IDS_v1.3					
	1	support of intrusion protection capabilities	IPS				N4_IPS_v1.3					
500-267	6.5	Link Specific Technologies										
200 201	3.0	support of robust packet compression services	ROHC				Self Test		Self Test			
	 	support of link technology [O:1]		Р			Self Test	Self Declaration	Self Test	Self Declaration		
		= === sit of min toolinionagy [O/1]										
	†	(repeat as needed) support of link technology	Link=									
12		< Check HERE if this stack's DOC includ		informs	tion ab	out tost	ed canabilities and	ontions on an attached nage	3 of notes			
		- SHOOK FIERE II CHIS STOCK S DOO IIICIUU	o udditional		oii ub		ou oupusintios and t	page				
Level	Level o	f support for USGv6-v1 Requirements for capabil	itv.			Color	Indicatio	n of USGv6-v1 Recommended Lev	vel of Support for device	type / stack role.		
		SDOC makes no declaration for this capability.										
P							Indicates capability that is recommendend as mandatory (unconditional MUST) in the USGv6-v1 Profile. Indicates cabability that is unusal for a given device type / stack role. Do not select without careful analysis.					
	+		•	£ N '	b''''			<u> </u>		·		
N		es page for details on the level of support of USGv6-	v1 reequirements	tor this c	apability.		indicates capability that is	left optional / ocnditional by the reco	ommedations of the USG	vo-vii Profile.		
X	JUSGv6	capability not supported in product.										
4.0. "	0 '6	HOOVE Test with weed for the Country W	d = i=4 === / == 0"	4	£:4: '	Anal 1		Note di Communication de la communication de l	dadada da arta e tres de la constitución de			
t Suite -		 USGv6 Test suite used for test. See: http://www.ant Abbreviation of accredited laboratory and its local in 			tications.h	ntml	0	Note # - reference to a c - Supplier / Product / Stack ID of dis		pability or result on attached p		
								- Supplier / Product / Stack II) of diet	uncul tected component t	nat provides this capability		

Suppliers Declaration of Conformity for USGv6 Products: Notes Page and Detailed Test Results Summary										USGv6-	v1 SDOC-v1.10 Page 3
Field	Product Id:					Stack I	d:				
13				Context /	Suppo	orted Capabilities			Notes about USG	v6-v1 Capabilities. Test Suite	
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
Hote #	Reference	Occion	OGGGGGTT TO THE REQUIREMENTS	Орион	11031	Router	INI D	Comorniance, Nr. B	rest Lub / result ib, rest	interoperability	rest Lub / Result ID, Note
1											
Discussio	n:										
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Discussio Vendor's	n: General Notes	/ Discussi	on about this Product / Stack's capabilities:								
		7 21000001	on about the Freduct / Cash o capabilities								

		iers Declaration of Conformity for USGv6		olai oa k						Gv6-v1 SDOC-v1.10 Page	
oduct I	d:	Dell EMC Networking (os		Stack I		9.11(0.0)				
			Context /	Suppor	rted Capa	bilities		USGv6 Testing Program Results			
Spec /			Configuration				Test Suite	Test Lab / Result ID, Note #, or	Test Suite	Test Lab / Result ID, Note #,	
eference			Option	Host	Router	NPD	Conformance/NPD	Component Ref	Interoperability	Component Ref	
2500-267	6.1	IPv6 Basic Requirements									
		support of IPv6 base (IPv6;ICMPv6;PMTU;ND)	IPv6-Base		Р		Basic_v1.*_C	UNH-IOL/26520	Basic_V1.*_I	UNH-IOL/26523	
		support of PMTU Discovery Protocol requirements	PMTU		Р		Basic_v1.*_C	UNH-IOL/26520	Basic_V1.*_I	UNH-IOL/26523	
		support of stateless address auto-configuration	SLAAC		P		SLAAC-V1.*_C	UNH-IOL/26521	SLAAC-V1.*_I	UNH-IOL/26524	
		support of Creation of Global Addresses	SLAAC - c(M)		P P		SLAAC-V1.*_C	UNH-IOL/26521	SLAAC-V1.*_I	UNH-IOL/26524	
		support of SLAAC privacy extensions. support of stateful (DHCP) address auto-	PrivAddr DHCP-Client				Self Test		Self Test		
		support of stateful (DHCP) address auto- support of automated router prefix delegation	DHCP-Client DHCP-Prefix				DHCP_Client_v1.*_C		DHCP_Client_v1.*_I Self Test		
		support of automated router prefix delegation support of neighbor discovery security extensions	SEND				Self Test Self Test		Self Test		
E00 267	6.6		SEND				Sell Test		Sell Test		
500-267	6.6	Addressing Requirements	Addr-Arch		P		Adda Arab vd * O	UNH-IOL/26522	Adda Anabad * I	UNH-IOL/26525	
		support of addressing architecture reqts	CGA		Р		Addr_Arch_v1.*_C Self Test	UNH-IUL/20022	Addr_Arch_v1.*_I Self Test	UNH-IUL/20525	
500-267	6.7	support of cryptographically generated addresses	CGA				Sell Test		Sell Test		
500-267	6.7	IP Security Requirements	IPsecv3				IDeces 2 vd * C		IDoogy2 y4 * I		
	+	support of the IP security architecture support for automated key management	IKEv2				IPsecv3_v1.*_C IKEv2_v1.*_C		IPsecv3_v1.*_I IKEv2_v2.*_I		
	+	support for automated key management support for encapsulating security payloads in IP	ESP				ESPv3_v1.*_C		ESP_v1.*_I		
500-267	6.11	Application Requirements	LOF				E3FV3_V1C		LOI _V II		
300-207	0.11	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	DNS-Server				Self Test		Self Test		
		support of a DHCP server application	DHCP-Server				Self Test		DHCP_Serv_v1.*_I		
500-267	6.2	Routing Protocol Requirements	BITOT -OCIVE				Sen rest		B1101 _001V_V1: _1		
300-201	0.2	support of the intra-domain (interior) routing	IGW		Р		Self Test	Self Declaration	OSPFv3 v1.* I		
		support for inter-domain (exterior) routing protocols	EGW		P		Self Test	Self Declaration	BGP_v1.*_I		
500-267	6.4	Transition Mechanism Requirements	LOW				Gen rest	Con Boolaration	B01 _V1: _1		
	0.4	support of interoperation with IPv4-only systems	IPv4		Р		Self Test	Self Declaration	Self Test		
		support of tunneling IPv6 over IPv4 MPLS services	6PE		<u> </u>		Self Test		Self Test		
2500-267	6.8	Network Management Requirements							Self Test		
000 20.	0.0	support of network management services	SNMP		Р		Self Test	Self Declaration	Self Test		
500-267	6.9	Multicast Requirements									
		support of basic multicast	Mcast				Self Test				
		full support of multicast communications	SSM				Self Test		Self Test		
2500-267	6.10	Mobility Requirements									
		support of mobile IP capability.	MIP				Self Test		Self Test		
		support of mobile network capabilities	NEMO				Self Test		Self Test		
500-267	6.3	Quality of Service Requirements									
		support of Differentiated Services capabilities	DS		Р		Self Test	Self Declaration	Self Test		
500-267	6.12	Network Protection Device Requirements									
		support of common NPD reqts	NPD				N1 N2 N3 N4_v1.3				
		support of basic firewall capabilities	FW				N1_FW_v1.3				
		support of application firewall capabilities	APFW				Self Test				
		support of intrusion detection capabilities	IDS				N3_IDS_v1.3				
		support of intrusion protection capabilities	IPS				N4_IPS_v1.3				
500-267	6.5	Link Specific Technologies									
		support of robust packet compression services	ROHC				Self Test		Self Test		
		support of link technology [O:1]	Link=Ethernet		Р		Self Test	Self Declaration	Self Test	Self Declaration	
		(repeat as needed) support of link technology	Link=								
12		Check HERE if this stack's DOC included	es additional i	informa	tion ab	out test	ed capabilities and o	options on an attached page	3 of notes.		
Level	Level	f support for USGv6-v1 Requirements for capabil	itv			Color	Indication	n of USGv6-v1 Recommended Le	el of Support for device	tyne / stack role	
_0 +61		SDOC makes no declaration for this capability.				55101					
D	+	, ,				Indicates capability that is recommendend as mandatory (unconditional MUST) in the USGv6-v1 Profile. Indicates cabability that is unusal for a given device type / stack role. Do not select without careful analysis.					
	P Passed required tests of USGv6-V1 requirements for these capabilities.							<u> </u>		·	
N		es page for details on the level of support of USGv6-	/1 reequirements	tor this c	apability.		indicates capability that is	left optional / ocnditional by the reco	ommedations of the USG	vo-v1 Profile.	
Х	JUSGv6	capability not supported in product.									
st Suite -	 Specific 	USGv6 Test suite used for test. See: http://www.ant			fications.h	ntml				pability or result on attached p	
		- Abbreviation of accredited laboratory and its local in					Camanana Daf	 Supplier / Product / Stack ID of dis 	· · · · · · · · · · · · · · · · · · ·	1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

Field 13 13 13 15 15 15 15 15	Page 3
13 Note Reference Section USGv6-v1 Profile Requirements Configuration Option Host Router Note about USGv6-v1 Capabilities Test Suite Test Suite Test Suite Test Lab / Result ID, Note Note about USGv6-v1 Capabilities Test Lab / Result ID, Note Test Lab / Result ID, Note Note about USGv6-v1 Capabilities Test Lab / Result ID, Note Test Lab / Result ID, Note Note about USGv6-v1 Capabilities Test Lab / Resu	
Social Reference Section USOv6-v1 Profile Requirements Option Host Router NPD ConformanceNPD Test Lab / Result ID, Note Interoperability Test Lab / Result ID, Note Test Lab / Result I	
1	t ID Note
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Discussion:	
Discussion: Discussion: Discussion: 5 Discussion: 6 Discussion: 7 Discussion: 8 Discussion: 9 Discussion:	
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Discussion: Vendor's General Notes / Discussion about this Product / Stack's capabilities:	

General: This document describes network product from the identified supplier that claims support of USGv6 capabilities. General product and supplier identification is given on Page 1. Overall results of testing USGv6 capabilities for conformance, interoperability and network protection are given on Page 2. Detailed instructions for completing and interpreting each numbered field are given below. Note USGv6 Testing website at: http://www.antd.nist.gov/usgv6/testing.html. Contact: usgv6-project@antd.nist.gov.

Field Description and Instructions

- 1 The Document Requiring Conformity: Identifies the profile version implemented. Not a user completable field.
- 2 Product Identifier: Supplier's concise name for the product declared.
- 3 Suppliers Name, Address and Contact Details: Company name and point of contact for SDOC questions, street address, phone and email.
- 4 Product as Tested/Declared: Product Identifier and detailed version information. If this SDOC reports oringal test results (page 2), include information about the specific product configuration(s) that was actually tested (e.g., hardware configuration, operating system, etc).
- 5 Product Family: A list of other products that use the same, unmodified IPv6 stacks such that their USGv6 capabilities are identical in form and function to the specific product configuration above. Test labs are only required to affirm the results for specific products tested. Test labs optionally may affirm recognized product families.
- 6 USGv6 Capability Summary: The USGv6 stack implementation summary as identified by the '+' notation described in the USGv6 profile, Appendix A. For each IPv6 stack implementation in the product, a distinct Stack Id and reference to the attached Results Summary page (Page 2).
- 7 Self Contained or Composite SDOC: If this SDOC relies on the test results of other disinct products, list the Supplier & Product ID/Stack IDs referenced and attach those original SDOCs to this one.
- 8 Additional Declarations / Attachements: List the supplier / product ID / Stack ID of any test results of composite components referenced by this SDOC.
- 9 Supplementary Attestations: Suppliers disclosure of IPv6 only capabilities; multiple stacks present; product family applicabilities. These are not included to qualify or disqualify a product from purchase considerations, but to inform network administrators of potential configuration options relevant to USGv6 interoperability. Check all that apply.
- Signature Block: Wet ink signature of the responsible product manager, dated. Printed name and position title on the line below.

Field Description and Instructions

Summary of Results: The format of this table mirrors the USGv6-v1.0 capabilities checklist (USGv6 Profile, Appendix A). The 12 categories of USGv6 capabilities are listed as subheadings, with subsidiary functions as line items. Configuration options related to conditional implementation of selected capabilities.

Product Id/Stack Id: The identification line of this page includes space for Product Id and Stack Id labels. Product Id is the same as given on Page 1. As there may be more than one unique IPv6 stack implemented in the product, the Stack Id field identifies the particular stack described. One Results Summary page per stack is required.

Host, Router and Network Protection (NPD) columns identify 'preferred' options: cells in green represent the NIST recommendations. Cells in grey denote atypical options, very unlikely to be implemented. The procuring Agency may additionally tailor these fields to indicate requirements for this acquisition.

Test Suite Conformance and Interoperability columns identify capability sets for which a public test suite exists, and the versions applicable to USGv6-v1.0 test results. Major version v1 and all its minor versions are deemed acceptable. Over time, new versions will be added and older ones retired. There may be periods when more than one major version is acceptable concurrently.

The supplier completes the adjacent Test Lab and Result Id column with the test lab acronym and unique result identifier (See Test Lab and Accreditor page on the Website). The buyer may opt to query results with the test laboratory using the specified Result Id(s). The supplier may opt to provide particular explanation of some results (partial results, additional options) in which case reference to note on an attached page 3. (e.g. "See Note# N"). See the USGv6 testing website to identify the test lab, and find contact details.

Cells marked **Self Test** have no associated public test suite. If implemented by the supplier, the required adjacent annotation is "Self Declaration". Note that vendors declaring support for such a capability are declaring support for the associated specific requirements in the USGv6 Profile.

Additional Options Tested: Vendor checks if it is desired to record tested options not part of the 'Musts' in the profile. Explanations on the page following the results summary

Headings and Special Notations: as described.

Options for Test Lab and Result Id: Currently 3 cases: (1) the test lab acronym and alphanumeric Id of the result set as assigned by the test laboratory; (2) 'Self declaration' denoting the supplier attests to adequate QA testing of the capability; (3) See attachment or note 'N', where the supplier explains variations in greater detail.

Stack-1 Notes Instructions: The supplier may choose to use the Notes (page 3) in order to clarify unsupported features or non passing results. Each Note # must reference the same Note # from Page 2.

Complete the Note by including the Spec/Reference and Section (i.e. RFC or USGv6 Profile version), USGv6-v1 Profile Requirements, Config Option (i.e. IPv6-Base), choosing Host/Router/NPD, and Test Selection table version along with Test Lab Result ID. The Discussion includes details about the test result that will be disclosed to the buyer.

Further Description: http://www.antd.nist.gov/usgv6/testing.html, and NIST SP 500-267 USGv6 Testing Program Users Guide available at the website.