Suppliers Declaration of Conformity for USGv6 Products			USGv6-v1 SDOC-v1.10 Page 1
1	**The Document Requiring Conformity:**		**USGv6 Profile Version 1.0, July 2008. (NIST SP500-267)**
2	**Product Identifier:**	**Dell PowerEdge 13G Family**	
3	**Supplier's Name, Address and SDOC Contact Details**		

Dell Inc
200 Dell Way
Round Rock TX 78682

4 Product as Tested/Declared: *Product Identifier, version/revision information, details of configuration tested.*

Dell PowerEdge R730 Linux Red Hat 6.5

5 Product Family (other products using same IPv6 stack(s) to which these results are declared to apply). ***Check Product Family attestation below.***

R7910, R830, R730, R730xd, R630, T630, M630, FC630, FM120, R530, R430, FC430, C4130, T430, M830, FC830, R930, R330, R230, T330, DSS1500, DSS1515, DSS2500, DSS7500, and C6320.

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-prod-id/stack-1: USGv6-v1-Host: IPv6-Base+Addr-Arch+IPsec-v3+IKEv2+SLAC+Link=Ethernet.*

Dell PowerEdge R730/Stack-1:USGv6-v1-Host:IPv6-Base+Addr-Arch+SLAAC+Link=Ethernet
Dell PowerEdge R730/Stack-2: USGv6-v1 Host: IPv6-Base+Addr-Arch+SLAAC+Link=Ethernet
Dell PowerEdge R730/stack-3: USGv6-v1-Host: IPv6-Base+SLAAC+DHCP-Client+Addr-Arch+Link=Ethernet
Dell PowerEdge R730/stack-4: USGv6-v1-Host: IPv6-Base+Addr-Arch+SLAAC+Link=Ethernet
Dell PowerEdge R730/stack-5: USGv6-v1-Host: IPv6-Base+Addr-Arch+IPsecv3+IKEv2+ESP+SLAAC+DHCP+Link=Ethernet
Dell PowerEdge R730/stack-6: USGv6-v1-Host: IPv6-Base+Addr-Arch+IPsecv3+IKEv2+ESP+SLAAC+DHCP+Link=Ethernet
Dell PowerEdge R730/stack-7: IPv6-Base+Addr-Arch+Link=Ethernet
Dell PowerEdge R730/stack-8: IPv6-Base+Addr-Arch+Mcast+Link=Ethernet
Dell PowerEdge R730/stack-9: IPv6-Base+Addr-Arch+SLAAC+Link=Ethernet
Dell PowerEdge R730/Stack-3: N/A
Dell PowerEdge R730/Stack-4: N/A
Dell PowerEdge R730/Stack-5: N/A
Dell PowerEdge R730/Stack-6: N/A

7 Self Contained or Composite SDOC? (Must indicate one).

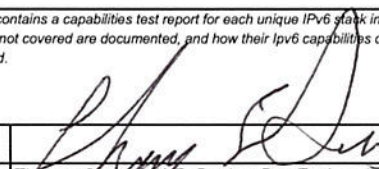
NO	*All of the declared USGv6 capabilities of this product are addressed by orginal test results reported in this SDOC.*	**YES**	*Some or all of the USGv6 capabilities of this product are provided by the use and/or integration of umodified components that have their own unique USGv6 SDOCs. All of the relevant referenced SDOCs are identified in section 8 and attached. This product's page 2 will indicate which capabilities are provided by specific referenced components (product-id/stack-id).*

8 Additional Declarations / Attachments: *(List supplier & product-id/stack-id for referenced and attached test results in the case of composite products).*

	Component Supplier	Product ID:	Stack ID:	Notes:
[1]	**Redhat**	Red Hat Enterprise Linux 6.5	**Red Hat 6.5**	**Tested at UNH**
[2]	**Emulex**	OCx14xxx Family Series	**10.0.589.0**	**Emulex_USGv6-v1_OCx14xxx_SDOC-v1.10 .pdf**
[3]	**Microsoft**	Windows 2008 R2 / 2012R2	**Windows 8 and Windows Server 2012**	**usgv6-v1-Window8-2012-SDOC.pdf**
[4]	**Dell**	iDRAC7	**1.00.10.00 SVN Revision 9462**	**usgv6-v1-sdoc-iDRAC7_final_to_Dell.pdf**
[5]	**Novell**	SUSE Linux Enterprise Server 11 SP2	**11 SP 2**	**mk-signed-usgv6-v1-sdoc-suse-sles11sp2.pdf**
[6]	**Novell**	SUSE Linux Enterprise Server 11 SP3	**11 SP 3**	**mk-signed-usgv6-v1-sdoc-suse-sles11sp3.pdf**
[7]	**VMWare**	vSphere 4.1	**vSphere 4.1**	**Usgv6-v1-sdoc-VMware-vSphere-110810.pdf**
[8]	**QLogic**	QLogic 8200	**110.94**	**usgv6-v1-qle8242-sdoc (Dell 4-9-28) Signed.pdf**
[9]	**Broadcom**	Broadcom NetXtreme 10G 577XX	**7.0.11.0**	**usgv6-v1-sdoc-BCM57810_DellR210.pdf**

9 Supplementary Attestations *(Answer all).*

	YES	*This product is fully functional in dual stack environments.That is, no claimed capabilities are invalidated ifthis product is operated in a dual stack (6 and 4)network environment.*	YES	*This product is fully functional in IPv6 only environments. That is, no claimed capabilities are invalidated if this product is deployed in a network environment that does not support Ipv4.*
	YES	*This SDOC contains a capabilities test report for each unique IPv6 stack in the product. If not, the stacks/ports not covered are documented, and how their Ipv6 capabilities differ from those reported are explained.*	YES	*All of the products listed in the product family in section 5 are implemented such that their USGv6 capabilities are identical in form and function across the entire product family. The specific conformance and interoperability test results for the USGv6 capabilities of an identified member of this product family are provided in this SDOC. The SDOC attests that these tested USGv6 capabilitiesare identical and unmodified for all the products cited above.*

10	**Signature**		**Date**	8/14/17
	Print Name / Title	Thomas Garvens / VP, Product Dev Engineering, Server Engineering		

See instructions for fields 1-12 on Page 4.

Product Id:	Dell PowerEdge 13G Family	Stack Id:	Linux Red Hat 6.5

			Context /	Supported Capabilities			USGv6 Testing Program Results			
Spec / Reference	Section	USGv6-v1 Profile Requirements	Configuration Option	Host	Router	NPD	Test Suite Conformance/NPD	Test Lab / Result ID, Note #, or Component Ref	Test Suite Interoperability	Test Lab / Result ID, Note #, or Component Ref
SP500-267	6.1	**IPv6 Basic Requirements**								
		support of IPv6 base (IPv6;ICMPv6;PMTU;ND)	IPv6-Base	P			**Basic_v1.*_C**	UNH-IOL/19019	**Basic_V1.*_I**	UNH-IOL/19021
		support of PMTU Discovery Protocol requirements	PMTU	P			**Basic_v1.*_C**	UNH-IOL/19019	**Basic_V1.*_I**	UNH-IOL/19021
		support of stateless address auto-configuration	SLAAC	P			**SLAAC-V1.*_C**	UNH-IOL/19020	**SLAAC-V1.*_I**	UNH-IOL/19022
		support of Creation of Global Addresses	SLAAC - c(M)	P			**SLAAC-V1.*_C**	UNH-IOL/19020	**SLAAC-V1.*_I**	UNH-IOL/19022
		support of SLAAC privacy extensions.	PrivAddr				*Self Test*		*Self Test*	
		support of stateful (DHCP) address auto-configuration	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*	
SP500-267	6.6	**Addressing Requirements**								
		support of addressing architecture reqts	Addr-Arch	P			**Addr_Arch_v1.*_C**	UNH-IOL/19023	**Addr_Arch_v1.*_I**	UNH-IOL/19024
		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				**IKEv2_v1.*_C**		**IKEv2_v2.*_I**	
		support for encapsulating security payloads in IP	ESP				**ESPv3_v1.*_C**		**ESP_v1.*_I**	
SP500-267	6.11	**Application Requirements**								
		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**	
SP500-267	6.2	**Routing Protocol Requirements**								
		support of the intra-domain (interior) routing protocols	IGW				*Self Test*		**OSPFv3_v1.*_I**	
		support for inter-domain (exterior) routing protocols	EGW				*Self Test*		**BGP_v1.*_I**	
SP500-267	6.4	**Transition Mechanism Requirements**								
		support of interoperation with IPv4-only systems	IPv4				*Self Test*		*Self Test*	
		support of tunneling IPv6 over IPv4 MPLS services	6PE				*Self Test*		*Self Test*	
SP500-267	6.8	**Network Management Requirements**							Self Test	
		support of network management services	SNMP				*Self Test*		Self Test	
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**								
		support of mobile IP capability.	MIP				*Self Test*		*Self Test*	
		support of mobile network capabilities	NEMO				*Self Test*		*Self Test*	
SP500-267	6.3	**Quality of Service Requirements**								
		support of Differentiated Services capabilities	DS				*Self Test*		*Self Test*	
SP500-267	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**			
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= Ethernet	P			Self Test	*Self Declaration*	Self Test	*Self Declaration*
		(repeat as needed) support of link technology	Link=							
12		**< Check HERE if this stack's DOC includes additional information about tested capabilities and options on an attached page 3 of notes.**								

Level	Level of support for USGv6-v1 Requirements for capability.
	Blank - SDOC makes no declaration for this capability.
P	Passed required tests of USGv6-V1 requirements for these capabilities.
N	See notes page for details on the level of support of USGv6-v1 reequirements for this capability.
X	USGv6 capability not supported in product.

Color	Indication of USGv6-v1 Recommended Level of Support for device type / stack role.
	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.
	Indicates capability that is left optional / oncditional by the recommedations of the USGv6-v1 Profile.

Test Suite - Specific USGv6 Test suite used for test. See: http://www.antd.nist.gov/usgv6/test-specifications.html

Test Lab / Result ID - Abbreviation of accredited laboratory and its local identifier for this test result.

Note # - reference to a detailed note about this capability or result on attached page.

Component Ref - Supplier / Product / Stack ID of distinctly tested component that provides this capability.

Field 13	Product Id:				Stack Id:						
				Context /	Supported Capabilities			Notes about USGv6-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
1											
Discussion:											
2											
Discussion:											
3											
Discussion:											
4											
Discussion:											
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Discussion:											
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Discussion:											
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Discussion:											
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Discussion:											
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Discussion:											
10											
Discussion:											

Vendor's General Notes / Discussion about this Product / Stack's capabilities:

11	Suppliers Declaration of Conformity for USGv6 Products: Declared Capabilities and Test Results Summary								
Product Id:	**OCx14xxx Family Series**		**Stack Id:**			**10.0.589.0**			
			Context /	**Supported Capabilities**			**USGv6 Testing Program Results**		
Spec / Reference	Section	**USGv6-v1 Profile Requirements**	Configuration Option	**Host**	**Router**	**NPD**	Test Suite Conformance/NPD	Test Lab / Result ID, Note #, or Component Ref	Test Suite Interoperability	Test Lab / Result ID, Note #, or Component Ref
SP500-267	**6.1**	**IPv6 Basic Requirements**								
		support of IPv6 base (IPv6;ICMPv6;PMTU;ND)	IPv6-Base	P			**Basic_v1.*_C**	UNH-IOL/16026	**Basic_V1.*_I**	UNH-IOL/16029
		support of PMTU Discovery Protocol requirements	PMTU	P			**Basic_v1.*_C**	UNH-IOL/16026	**Basic_V1.*_I**	UNH-IOL/16029
		support of stateless address auto-configuration	SLAAC	P			**SLAAC-V1.*_C**	UNH-IOL/16028	**SLAAC-V1.*_I**	UNH-IOL/16030
		support of Creation of Global Addresses	SLAAC - c(M)	P			**SLAAC-V1.*_C**	UNH-IOL/16028	**SLAAC-V1.*_I**	UNH-IOL/16030
		support of SLAAC privacy extensions.	PrivAddr				*Self Test*		*Self Test*	
		support of stateful (DHCP) address auto-configuration	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*	
SP500-267	**6.6**	**Addressing Requirements**								
		support of addressing architecture reqts	Addr-Arch	P			**Addr_Arch_v1.*_C**	UNH-IOL/16031	**Addr_Arch_v1.*_I**	UNH-IOL/16032
		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				**IKEv2_v1.*_C**		**IKEv2_v2.*_I**	
		support for encapsulating security payloads in IP	ESP				**ESPv3_v1.*_C**		**ESP_v1.*_I**	
SP500-267	**6.11**	**Application Requirements**								
		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**	
SP500-267	**6.2**	**Routing Protocol Requirements**								
		support of the intra-domain (interior) routing protocols	IGW				*Self Test*		**OSPFv3_v1.*_I**	
		support for inter-domain (exterior) routing protocols	EGW				*Self Test*		**BGP_v1.*_I**	
SP500-267	**6.4**	**Transition Mechanism Requirements**								
		support of interoperation with IPv4-only systems	IPv4				*Self Test*		*Self Test*	
		support of tunneling IPv6 over IPv4 MPLS services	6PE				*Self Test*		*Self Test*	
SP500-267	**6.8**	**Network Management Requirements**							Self Test	
		support of network management services	SNMP				*Self Test*		Self Test	
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**								
		support of mobile IP capability.	MIP				*Self Test*		*Self Test*	
		support of mobile network capabilities	NEMO				*Self Test*		*Self Test*	
SP500-267	**6.3**	**Quality of Service Requirements**								
		support of Differentiated Services capabilities	DS				*Self Test*		*Self Test*	
SP500-267	**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**			
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= Ethernet	P			Self Test	*Self Declaration*	Self Test	*Self Declaration*
		(repeat as needed) support of link technology	Link=							
12		**< Check HERE if this stack's DOC includes additional information about tested capabilities and options on an attached page 3 of notes.**								

Level	**Level of 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 recommendend as mandatory (unconditional MUST) in the USGv6-v1 Profile.
P	Passed required tests of USGv6-V1 requirements for these capabilities.		Indicates cabability that is unusal for a given device type / stack role. Do not select without careful analysis.
N	See notes page for details on the level of support of USGv6-v1 reequirements for this capability.		Indicates capability that is left optional / ocnditional by the recommedations of the USGv6-v1 Profile.
X	USGv6 capability not supported in product.		

Test Suite - Specific USGv6 Test suite used for test. See: http://www.antd.nist.gov/usgv6/test-specifications.html

Note # - reference to a detailed note about this capability or result on attached page.

Test Lab / Result ID - Abbreviation of accredited laboratory and its local identifier for this test result.

Component Ref - Supplier / Product / Stack ID of distinctly tested component that provides this capability.

Field 13	Product Id:				Stack Id:						
				Context /	Supported Capabilities			Notes about USGv6-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
1											
Discussion:											
2											
Discussion:											
3											
Discussion:											
4											
Discussion:											
5											
Discussion:											
6											
Discussion:											
7											
Discussion:											
8											
Discussion:											
9											
Discussion:											
10											
Discussion:											

Vendor's General Notes / Discussion about this Product / Stack's capabilities:

11	Suppliers Declaration of Conformity for USGv6 Products: Declared Capabilities and Test Results Summary									
Product Id:	**Windows 8 and Windows Server 2012**		**Stack Id:**			**Windows 8 and Windows Server 2012**			
				Supported Capabilities			**USGv6 Testing Program Results**			
Spec / Reference	Section	**USGv6-v1 Profile Requirements**	Context / Configuration Option	Host	Router	NPD	Test Suite Conformance/NPD	Test Lab / Result ID, Note #, or Component Ref	Test Suite Interoperability	Test Lab / Result ID, Note #, or Component Ref
SP500-267	6.1	**IPv6 Basic Requirements**								
		support of IPv6 base (IPv6 ICMPv6 PMTU ND)	IPv6-Base	P			**Basic_v1.*_C**	UNH-IOL/12222	**Basic_V1.*_I**	UNH-IOL/12226
		support of PMTU Discovery Protocol requirements	PMTU	P			**Basic_v1.*_C**	UNH-IOL/12222	**Basic_V1.*_I**	UNH-IOL/12226
		support of stateless address auto-configuration	SLAAC	P			**SLAAC-V1.*_C**	UNH-IOL/12223	**SLAAC-V1.*_I**	UNH-IOL/12227
		support of Creation of Global Addresses	SLAAC - c(M)	P			**SLAAC-V1.*_C**	UNH-IOL/12223	**SLAAC-V1.*_I**	UNH-IOL/12227
		support of SLAAC privacy extensions	PrivAddr				*Self Test*		*Self Test*	
		support of stateful (DHCP) address auto-	DHCP-Client	P			**DHCP_Client_v1.*_C**		**DHCP_Client_v1.*_I**	UNH-IOL/13997
		support of automated router prefix delegation	DHCP-Prefix				*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	P			**Addr_Arch_v1.*_C**	UNH-IOL/12224	**Addr_Arch_v1.*_I**	UNH-IOL/12228
		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				**IKEv2_v1.*_C**		**IKEv2_v2.*_I**	
		support for encapsulating security payloads in IP	ESP				**ESPv3_v1.*_C**		**ESP_v1.*_I**	
SP500-267	6.11	**Application Requirements**								
		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**	
SP500-267	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**	
SP500-267	6.4	**Transition Mechanism Requirements**								
		support of interoperation with IPv4-only systems	IPv4				*Self Test*		*Self Test*	
		support of tunneling IPv6 over IPv4 MPLS services	6PE				*Self Test*		*Self Test*	
SP500-267	6.8	**Network Management Requirements**							Self Test	
		support of network management services	SNMP				*Self Test*		Self Test	
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**								
		support of mobile IP capability	MIP				*Self Test*		*Self Test*	
		support of mobile network capabilities	NEMO				*Self Test*		*Self Test*	
SP500-267	6.3	**Quality of Service Requirements**								
		support of Differentiated Services capabilities	DS				*Self Test*		*Self Test*	
SP500-267	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**			
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=Ethernet	P			Self Test	*Self Declaration*	Self Test	*Self Declaration*
		(repeat as needed) support of link technology	Link=							
12		**< Check HERE if this stack's DOC includes additional information about tested capabilities and options on an attached page 3 of notes.**								

Level	**Level of 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 recommendend as mandatory (unconditional MUST) in the USGv6-v1 Profile
P	Passed required tests of USGv6-V1 requirements for these capabilities		Indicates cabability that is unusal for a given device type / stack role. Do not select without careful analysis
N	See notes page for details on the level of support of USGv6-v1 reequirements for this capability		Indicates capability that is left optional / oondditional by the recommedations of the USGv6-v1 Profile
X	USGv6 capability not supported in product.		

Test Suite - Specific USGv6 Test suite used for test. See: http://www.antd.nist.gov/usgv6/test-specifications.html

Test Lab / Result ID - Abbreviation of accredited laboratory and its local identifier for this test result.

Note # - reference to a detailed note about this capability or result on attached page

Component Ref - Supplier / Product / Stack ID of distinctly tested component that provides this capability

Suppliers Declaration of Conformity for USGv6 Products: Notes Page and Detailed Test Results Summary

Field 13	Product Id:			Stack Id:							
					Supported Capabilities			Notes about USGv6-v1 Capabilities.			
Note #	Spec / Reference	Section	USGv6-v1 Profile Requirements	Context / Configuration Option	Host	Router	NPD	Test Suite Conformance/NPD	Test Lab / Result ID, Note	Test Suite Interoperability	Test Lab / Result ID, Note

11	Suppliers Declaration of Conformity for USGv6 Products: Declared Capabilities and Test Results Summary							USGv6-v1 SDOC-v1.6 Page 2
Product Id:	**iDrac**		**Stack Id:**			**1.00.10.00 SVN Revision 9462**		
		Context /	**Supported Capabilities**			**USGv6 Testing Program Results**		
Spec / Reference	Section	**USGv6-v1 Profile Requirements**	Configuration Option	**Host**	**Router**	**NPD**	Test Suite Conformance/NPD	Test Lab / Result ID, Note #, or Component Ref	Test Suite Interoperability	Test Lab / Result ID, Note #, or Component Ref
SP500-267	**6.1**	**IPv6 Basic Requirements**								
		support of IPv6 base (IPv6;ICMPv6;PMTU;ND)	IPv6-Base	P			**Basic_v1.*_C**	UNH/IOL - 9368	**Basic_V1.*_I**	UNH/IOL - 9371
		support of stateless address auto-configuration	SLAAC	P			**SLAAC-V1.*_C**	UNH/IOL - 9373	**SLAAC-V1.0_I**	UNH/IOL - 9372
		support of SLAAC privacy extensions.	PrivAddr	X			*Self Test*		*Self Test*	
		support of stateful (DHCP) address auto-	DHCP-Client	N			Self Test		**DHCP_Client_v1.*_I**	UNH/IOL - 9376, Note #5
		support of automated router prefix delegation	DHCP-Prefix	X			*Self Test*		*Self Test*	
		support of neighbor discovery security extensions	SEND	X			*Self Test*		*Self Test*	
SP500-267	**6.6**	**Addressing Requirements**								
		support of addressing architecture reqts	Addr-Arch	P			**Addr_Arch_v1.*_C**	UNH/IOL - 9374	**Addr_Arch_v1.*_I**	UNH/IOL - 9375
		support of cryptographically generated addresses	CGA	X			*Self Test*		*Self Test*	
SP500-267	**6.7**	**IP Security Requirements**								
		support of the IP security architecture	IPsecv3	X			**IPsecv3_v1.*_C**		**IPsecv3_v1.*_I**	
		support for automated key management	IKEv2	X			**IKEv2_v1.*_C**		**IKEv2v1.0_I**	
		support for encapsulating security payloads in IP	ESP	X			**ESPv3_v1.*_C**		**ESP_v1.*_I**	
SP500-267	**6.11**	**Application Requirements**								
		support of DNS client/resolver functions	DNS-Client	N			Self Test	Self Test	Self Test	1
		support of Socket application program interfaces	SOCK	N			Self Test	Self Test	Self Test	2
		support of IPv6 uniform resource identifiers	URI	P			Self Test	Self Test	Self Test	
		support of a DNS server application	DNS-Server	X			*Self Test*		*Self Test*	
		support of a DHCP server application	DHCP-Server	X			*Self Test*		**DHCP_Serv_v1.*_I**	
SP500-267	**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**	
SP500-267	**6.4**	**Transition Mechanism Requirements**								
		support of interoperation with IPv4-only systems	IPv4	N			Self Test	Self Test	Self Test	3
		support of tunneling IPv6 over IPv4 MPLS services	6PE				*Self Test*		*Self Test*	
SP500-267	**6.8**	**Network Management Requirements**							Self Test	
		support of network management services	SNMP				*Self Test*		Self Test	
SP500-267	**6.9**	**Multicast Requirements**								
		support of basic multicast	Mcast	X			*Self Test*		*Self Test*	
		full support of multicast communications	SSM	X			*Self Test*		*Self Test*	
SP500-267	**6.10**	**Mobility Requirements**								
		support of mobile IP capability.	MIP	X			*Self Test*		*Self Test*	
		support of mobile network capabilities	NEMO				*Self Test*		*Self Test*	
SP500-267	**6.3**	**Quality of Service Requirements**								
		support of Differentiated Services capabilities	DS	X			*Self Test*		*Self Test*	
SP500-267	**6.12**	**Network Protection Device Requirements**								
		support of common NPD reqts	NPD	N			**N1|N2|N3|N4_v1.3**		Self Test	4
		support of basic firewall capabilities	FW				**N1_FW_v1.3**		Self Test	
		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**			
SP500-267	**6.5**	**Link Specific Technologies**								
		support of robust packet compression services	ROHC	X			Self Test		Self Test	
		support of link technology [O:1]	Link=Ethernet	P			Self Test	Self Test	Self Test	
		(repeat as needed) support of link technology	Link=							
12	X	**< Check HERE if this stack's DOC includes additional information about tested capabilities and options on an attached page 3 of notes.**								

Level	Level of 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 recommendend as mandatory (unconditional MUST) in the USGv6-v1 Profile.
P	Passed required tests of USGv6-V1 requirements for these capabilities.		Indicates cabability that is unusal for a given device type / stack role. Do not select without careful analysis.
N	See notes page for details on the level of support of USGv6-v1 reequirements for this capability.		Indicates capability that is left optional / ocnditional by the recommedations of the USGv6-v1 Profile.
X	USGv6 capability not supported in product.		

Test Suite - Specific USGv6 Test suite used for test. See: http://www.antd.nist.gov/usgv6/test-specifications.html

Test Lab / Result ID - Abbreviation of accredited laboratory and its local identifier for this test result.

Note # - reference to a detailed note about this capability or result on attached page.

Component Ref - Supplier / Product / Stack ID of distinctly tested component that provides this capability.

Field 13	Product Id:		iDrac		Stack Id:			1.00.10.00 SVN Revision 9462			
					Supported Capabilities			Notes about USGv6-v1 Capabilities.			
Note #	Spec / Reference	Section	USGv6-v1 Profile Requirements	Context / Configuration Option	Host	Router	NPD	Test Suite Conformance/NPD	Test Lab / Result ID, Note	Test Suite Interoperability	Test Lab / Result ID, Note
1	SP500-267	6.11	**support of DNS client/resolver functions**	DNS-Client	N			Self Test		Self Test	Self Test
Discussion:		RFC 3596 DNS extension for IPv6 is supported									
2	SP500-267	6.11	**support of Socket application program interfaces**	SOCK	N			*Self Test*		*Self Test*	Self Test
Discussion:		RFC 3493 Basic Socket API for IPv6 is supported									
3	SP500-267	6.4	**support of interoperation with IPv4-only systems**	IPv4	N			*Self Test*		*Self Test*	Self Test
Discussion:		RFC 4213 Dual IPv4 and IPv6 stack is supported									
4	SP500-267	**6.12.2.***	**support of common NPD reqts**	NPD	N			Self Test		Self Test	Self Test
Discussion:		Support of 6.12.2.2 Dual stack, 6.12.2.3 Administrative functionality, 6.12.2.4 Authentication and authorization, 6.12.2.5 Security of control and communications, 6.12.2.6 Persistence. Partialy support 6.12.2.7 Logging and alerts, only limited network logging is saved.									
5	SP500-267	6.1	**support of stateful (DHCP) address auto-configuration**	DHCP-Client	N					*DHCP_Client_v1.0 I*	*UNH/IOL - 9376*
Discussion:		RFC 3315 Section 18.1.2 was not supported and the client di not transmit a Confirm message after having moved to a different network.									
6											
Discussion:											
7											
Discussion:											
8											
Discussion:											
9											
Discussion:											
10											
Discussion:											

Vendor's General Notes / Discussion about this Product / Stack's capabilities:

Product Id: SUSE Linux Enterprise Server **Stack Id:** 11 Service Pack 2

Spec / Reference	Section	USGv6-v1 Profile Requirements	Context / Configuration Option	Supported Capabilities: Host	Router	NPD	USGv6 Testing Program Results: Test Suite Conformance/NPD	Test Lab / Result ID, Note #, or Component Ref	Test Suite Interoperability	Test Lab / Result ID, Note #, or Component Ref
SP500-267	6,1	**IPv6 Basic Requirements**								
		support of IPv6 base (IPv6;ICMPv6;PMTU;ND)	IPv6-Base	P			**Basic_v1.*_C**	UNH-IOL/11615	**Basic_V1.*_I**	UNH-IOL/11621
		support of stateless address auto-configuration	SLAAC	P			**SLAAC-V1.*_C**	UNH-IOL/11616	**SLAAC-V1.0_I**	UNH-IOL/11622
		support of SLAAC privacy extensions.	PrivAddr	P			*Self Test*	*Self Declaration*	*Self Test*	*Self Declaration*
		support of stateful (DHCP) address auto-configuration	DHCP-Client	P			*Self Test*		**DHCP_Client_v1.*_I**	UNH-IOL/11965
		support of automated router prefix delegation	DHCP-Prefix				*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	P			**Addr_Arch_v1.*_C**	UNH-IOL/11617	**Addr_Arch_v1.*_I**	UNH-IOL/11623
		support of cryptographically generated addresses	CGA				*Self Test*		*Self Test*	
SP500-267	6,7	**IP Security Requirements**								
		support of the IP security architecture	IPsecv3	P			**IPsecv3_v1.*_C**	UNH-IOL/11618	**IPsecv3_v1.*_I**	UNH-IOL/11624
		support for automated key management	IKEv2	P			**IKEv2_v1.*_C**	UNH-IOL/11620	**IKEv2v1.0_I**	UNH-IOL/11626
		support for encapsulating security payloads in IP	ESP	P			**ESPv3_v1.*_C**	UNH-IOL/11619	**ESP_v1.*_I**	UNH-IOL/11625
SP500-267	6,11	**Application Requirements**								
		support of DNS client/resolver functions	DNS-Client	P			*Self Test*	*Self Declaration*	*Self Test*	*Self Declaration*
		support of Socket application program interfaces	SOCK	P			*Self Test*	*Self Declaration*	*Self Test*	*Self Declaration*
		support of IPv6 uniform resource identifiers	URI	P			*Self Test*	*Self Declaration*	*Self Test*	*Self Declaration*
		support of a DNS server application	DNS-Server	P			*Self Test*	*Self Declaration*	*Self Test*	*Self Declaration*
		support of a DHCP server application	DHCP-Server	P			*Self Test*	Self Test	**DHCP_Serv_v1.*_I**	UNH-IOL/11964
SP500-267	6.2	**Routing Protocol Requirements**								
		support of the intra-domain (interior) routing protocols	IGW				*Self Test*		**OSPFv3_v1.*_I**	
		support for inter-domain (exterior) routing protocols	EGW				*Self Test*		**BGP_v1.*_I**	
SP500-267	6,4	**Transition Mechanism Requirements**								
		support of interoperation with IPv4-only systems	IPv4	P			*Self Test*	*Self Declaration*	*Self Test*	*Self Declaration*
		support of tunneling IPv6 over IPv4 MPLS services	6PE				*Self Test*		*Self Test*	
SP500-267	6,8	**Network Management Requirements**							Self Test	
		support of network management services	SNMP				*Self Test*		Self Test	
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**								
		support of mobile IP capability.	MIP				*Self Test*		*Self Test*	
		support of mobile network capabilities	NEMO				*Self Test*		*Self Test*	
SP500-267	6.3	**Quality of Service Requirements**								
		support of Differentiated Services capabilities	DS				*Self Test*		*Self Test*	
SP500-267	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**			
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=Ethernet	P			*Self Test*	*Self Declaration*	*Self Test*	*Self Declaration*
		(repeat as needed) support of link technology	Link=							
12		**< Check HERE if this stack's DOC includes additional information about tested capabilities and options on an attached page 3 of notes.**								

Level	Level of support for USGv6-v1 Requirements for capability.
	Blank - SDOC makes no declaration for this capability.
P	Passed required tests of USGv6-V1 requirements for these capabilities.
N	See notes page for details on the level of support of USGv6-v1 reequirements for this capability.
X	USGv6 capability not supported in product.

Color	Indication of USGv6-v1 Recommended Level of Support for device type / stack role.
	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.
	Indicates capability that is left optional / ocnditional by the recommedations of the USGv6-v1 Profile.

Test Suite - Specific USGv6 Test suite used for test. See: http://www.antd.nist.gov/usgv6/test-specifications.html

Test Lab / Result ID - Abbreviation of accredited laboratory and its local identifier for this test result.

Note # - reference to a detailed note about this capability or result on attached page.

Component Ref - Supplier / Product / Stack ID of distinctly tested component that provides this capability.

Field	Product Id:		SUSE Linux Enterprise Server		Stack Id:			11 Service Pack 2			
13				Context /	Supported Capabilities			Notes about USGv6-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
1											
Discussion:											
2											
Discussion:											
3											
Discussion:											
4											
Discussion:											
5											
Discussion:											
6											
Discussion:											
7											
Discussion:											
8											
Discussion:											
9											
Discussion:											
10											
Discussion:											

Vendor's General Notes / Discussion about this Product / Stack's capabilities:

Product Id:		SUSE Linux Enterprise Server		Stack Id:			11 Service Pack 3			
			Context /	Supported Capabilities			USGv6 Testing Program Results			
Spec / Reference	Section	USGv6-v1 Profile Requirements	Configuration Option	Host	Router	NPD	Test Suite Conformance/NPD	Test Lab / Result ID, Note #, or Component Ref	Test Suite Interoperability	Test Lab / Result ID, Note #, or Component Ref
SP500-267	6.1	**IPv6 Basic Requirements**								
		support of IPv6 base (IPv6:ICMPv6:PMTU:ND)	IPv6-Base	P	P		**Basic_v1.*_C**	UNH-IOL/15644	**Basic_V1.*_I**	UNH-IOL/15655
		support of PMTU Discovery Protocol requirements	PMTU	P	P		**Basic_v1.*_C**	UNH-IOL/15644	**Basic_V1.*_I**	UNH-IOL/15655
		support of stateless address auto-configuration	SLAAC	P			**SLAAC-V1.*_C**	UNH-IOL/15646	**SLAAC-V1.*_I**	UNH-IOL/15657
		support of Creation of Global Addresses	SLAAC - c(M)	P			**SLAAC-V1.*_C**	UNH-IOL/15646	**SLAAC-V1.*_I**	UNH-IOL/15657
		support of SLAAC privacy extensions.	PrivAddr	P			*Self Test*	Self Declaration	*Self Test*	Self Declaration
		support of stateful (DHCP) address auto-configuration	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*	
SP500-267	6.6	**Addressing Requirements**								
		support of addressing architecture reqts	Addr-Arch	P	P		**Addr_Arch_v1.*_C**	UNH-IOL/15648	**Addr_Arch_v1.*_I**	UNH-IOL/15659
		support of cryptographically generated addresses	CGA				*Self Test*		*Self Test*	
SP500-267	6.7	**IP Security Requirements**								
		support of the IP security architecture	IPsecv3	P	P		**IPsecv3_v1.*_C**	UNH-IOL/15652	**IPsecv3_v1.*_I**	UNH-IOL/15663
		support for automated key management	IKEv2	P	P		**IKEv2_v1.*_C**	UNH-IOL/15654	**IKEv2_v2.*_I**	UNH-IOL/15665
		support for encapsulating security payloads in IP	ESP	P	P		**ESPv3_v1.*_C**	UNH-IOL/15653	**ESP_v1.*_I**	UNH-IOL/15664
SP500-267	6.11	**Application Requirements**								
		support of DNS client/resolver functions	DNS-Client	P			*Self Test*	Self Declaration	*Self Test*	Self Declaration
		support of Socket application program interfaces	SOCK	P			*Self Test*	Self Declaration	*Self Test*	Self Declaration
		support of IPv6 uniform resource identifiers	URI	P			*Self Test*	Self Declaration	*Self Test*	Self Declaration
		support of a DNS server application	DNS-Server	P			*Self Test*	Self Declaration	*Self Test*	Self Declaration
		support of a DHCP server application	DHCP-Server	P			*Self Test*		**DHCP_Serv_v1.*_I**	UNH-IOL/15661
SP500-267	6.2	**Routing Protocol Requirements**								
		support of the intra-domain (interior) routing protocols	IGW				*Self Test*		**OSPFv3_v1.*_I**	
		support for inter-domain (exterior) routing protocols	EGW				*Self Test*		**BGP_v1.*_I**	
SP500-267	6.4	**Transition Mechanism Requirements**								
		support of interoperation with IPv4-only systems	IPv4	P			*Self Test*	*Self Declaration*	*Self Test*	*Self Declaration*
		support of tunneling IPv6 over IPv4 MPLS services	6PE				*Self Test*		*Self Test*	
SP500-267	6.8	**Network Management Requirements**							*Self Test*	
		support of network management services	SNMP				*Self Test*		*Self Test*	
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**								
		support of mobile IP capability.	MIP				*Self Test*		*Self Test*	
		support of mobile network capabilities	NEMO				*Self Test*		*Self Test*	
SP500-267	6.3	**Quality of Service Requirements**								
		support of Differentiated Services capabilities	DS				*Self Test*		*Self Test*	
SP500-267	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**			
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=Ethernet	P	P		*Self Test*	*Self Declaration*	*Self Test*	*Self Declaration*
		(repeat as needed) support of link technology	Link=							
12		**< Check HERE if this stack's DOC includes additional information about tested capabilities and options on an attached page 3 of notes.**								

Level	Level of support for USGv6-v1 Requirements for capability.
	Blank - SDOC makes no declaration for this capability.
P	Passed required tests of USGv6-V1 requirements for these capabilities.
N	See notes page for details on the level of support of USGv6-v1 reequirements for this capability.
X	USGv6 capability not supported in product.

Color	Indication of USGv6-v1 Recommended Level of Support for device type / stack role.
	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.
	Indicates capability that is left optional / conditional by the recommedations of the USGv6-v1 Profile.

Test Suite - Specific USGv6 Test suite used for test. See: http://www.antd.nist.gov/usgv6/test-specifications.html

Test Lab / Result ID - Abbreviation of accredited laboratory and its local identifier for this test result.

Note # - reference to a detailed note about this capability or result on attached page.

Component Ref - Supplier / Product / Stack ID of distinctly tested component that 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:		SUSE Linux Enterprise Server		Stack Id:			11 Service Pack 3			
13					Supported Capabilities			Notes about USGv6-v1 Capabilities.			
Note #	Spec / Reference	Section	USGv6-v1 Profile Requirements	Context / Configuration Option	Host	Router	NPD	Test Suite Conformance/NPD	Test Lab / Result ID, Note	Test Suite Interoperability	Test Lab / Result ID, Note
1											
Discussion:											
2											
Discussion:											
3											
Discussion:											
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Discussion:											
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Discussion:											
9											
Discussion:											
10											
Discussion:											
Vendor's General Notes / Discussion about this Product / Stack's capabilities:											

Product Id:		vSphere		Stack Id:			vSphere 4.1			
			Context /	Supported Capabilities			USGv6 Testing Program Results			
Spec / Reference	Section	USGv6-v1 Profile Requirements	Configuration Option	Host	Router	NPD	Test Suite Conformance/NPD	Test Lab / Result ID, Note #, or Component Ref	Test Suite Interopoperability	Test Lab / Result ID, Note #, or Component Ref
SP500-267	6.1	**IPv6 Basic Requirements**								
		support of IPv6 base (IPv6;ICMPv6;PMTU;ND)	IPv6-Base	P			**Basic_v1.*_C**	UNH/IOL - 4901	**Basic_V1.*_I**	UNH/IOL - 6206
		support of stateless address auto-configuration	SLAAC	P			**SLAAC-V1.*_C**	UNH/IOL - 4926	**SLAAC-V1.0_I**	UNH/IOL - 6205
		support of SLAAC privacy extensions.	PrivAddr				*Self Test*		*Self Test*	
		support of stateful (DHCP) address auto-	DHCP-Client	X			*Self Test*		**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*	
SP500-267	6.6	**Addressing Requirements**								
		support of addressing architecture reqts	Addr-Arch	P			**Addr_Arch_v1.*_C**	UNH/IOL - 6317	**Addr_Arch_v1.*_I**	UNH/IOL - 6318
		support of cryptographically generated addresses	CGA				*Self Test*		*Self Test*	
SP500-267	6.7	**IP Security Requirements**								
		support of the IP security architecture	IPsecv3	P			**IPsecv3_v1.*_C**	UNH/IOL - 4928	**IPsecv3_v1.*_I**	
		support for automated key management	IKEv2	X			**IKEv2_v1.*_C**		**IKEv2v1.0_I**	
		support for encapsulating security payloads in IP	ESP	P			**ESPv3_v1.*_C**	UNH/IOL - 4930	**ESP_v1.*_I**	
SP500-267	6.11	**Application Requirements**								
		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	X			*Self Test*		**DHCP_Serv_v1.*_I**	
SP500-267	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**	
SP500-267	6.4	**Transition Mechanism Requirements**								
		support of interoperation with IPv4-only systems	IPv4				*Self Test*		*Self Test*	
		support of tunneling IPv6 over IPv4 MPLS services	6PE				*Self Test*		*Self Test*	
SP500-267	6.8	**Network Management Requirements**							Self Test	
		support of network management services	SNMP				*Self Test*		Self Test	
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**								
		support of mobile IP capability.	MIP				*Self Test*		*Self Test*	
		support of mobile network capabilities	NEMO				*Self Test*		*Self Test*	
SP500-267	6.3	**Quality of Service Requirements**								
		support of Differentiated Services capabilities	DS				*Self Test*		*Self Test*	
		PHB Id					*Self Test*			
SP500-267	6.12	**Network Protection Device Requirements**								
		support of common NPD reqts	NPD				**N1|N2|N3|N4**			
		support of basic firewall capabilities	FW				**N1_FW**			
		support of application firewall capabilities	APFW				**N2_App_FW**			
		support of intrusion detection capabilities	IDS				**N3_IDS**			
		support of intrusion protection capabilities	IPS				**N4_IPS**			
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=Ethernet	P			Self Test	Self Test	Self Test	Self Test
		(repeat as needed) support of link technology	Link=							
12		**< Check HERE if this stack's DOC includes additional information about tested capabilities and options on an attached page 3 of notes.**								

Level	Level of 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 recommendend as mandatory (unconditional MUST) in the USGv6-v1 Profile.
P	Passed required tests of USGv6-V1 requirements for these capabilities.		Indicates cabability that is unusal for a given device type / stack role. Do not select without careful analysis.
N	See notes page for details on the level of support of USGv6-v1 reequirements for this capability.		Indicates capability that is left optional / ocnditional by the recommedations of the USGv6-v1 Profile.
X	USGv6 capability not supported in product.		

Test Suite - Specific USGv6 Test suite used for test. See: http://www.antd.nist.gov/usgv6/test-specifications.html

Test Lab / Result ID - Abbreviation of accredited laboratory and its local identifier for this test result.

Note # - reference to a detailed note about this capability or result on attached page.

Component Ref - Supplier / Product / Stack ID of distinctly tested component that provides this capability.

	Product Id:				Stack Id:						
				Context /	Supported Capabilities			Notes about USGv6-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 Interopoperability	Test Lab / Result ID, Note
1											
Discussion:											
2											
Discussion:											
3											
Discussion:											
4											
Discussion:											
5											
Discussion:											
6											
Discussion:											
7											
Discussion:											
8											
Discussion:											
9											
Discussion:											
10											
Discussion:											

General Notes / Discussion about this Product / Stack's capabilities:

11	Suppliers Declaration of Conformity for USGv6 Products: Declared Capabilities and Test Results Summary								USGv6-v1 SDOC-v1.6 Page 2
Product Id:	**QLogic 8200 Series CNA**			**Stack Id:**		**4.9.28**			
			Context /	**Supported Capabilities**			**USGv6 Testing Program Results**			
Spec / Reference	Section	**USGv6-v1 Profile Requirements**	Configuration Option	**Host**	**Router**	**NPD**	Test Suite Conformance/NPD	Test Lab / Result ID, Note #, or Component Ref	Test Suite Interoperability	Test Lab / Result ID, Note #, or Component Ref
SP500-267	**6.1**	**IPv6 Basic Requirements**								
		support of IPv6 base (IPv6;ICMPv6;PMTU;ND)	IPv6-Base	P			**Basic_v1.*_C**	UNH-IOL/8869	**Basic_V1.*_I**	UNH-IOL/8872
		support of stateless address auto-configuration	SLAAC	N			**SLAAC-V1.*_C**	UNH-IOL/8874	**SLAAC-V1.0_I**	UNH-IOL/8873 NOTE #1, 2
		support of SLAAC privacy extensions.	PrivAddr	X			*Self Test*		*Self Test*	
		support of stateful (DHCP) address auto-	DHCP-Client	X			*Self Test*		**DHCP_Client_v1.*_I**	
		support of automated router prefix delegation	DHCP-Prefix	X			*Self Test*		*Self Test*	
		support of neighbor discovery security extensions	SEND	X			*Self Test*		*Self Test*	
SP500-267	**6.6**	**Addressing Requirements**								
		support of addressing architecture reqts	Addr-Arch	P			**Addr_Arch_v1.*_C**	UNH-IOL/8875	**Addr_Arch_v1.*_I**	UNH-IOL/8876
		support of cryptographically generated addresses	CGA	X			*Self Test*		*Self Test*	
SP500-267	**6.7**	**IP Security Requirements**								
		support of the IP security architecture	IPsecv3	X			**IPsecv3_v1.*_C**		**IPsecv3_v1.*_I**	
		support for automated key management	IKEv2	X			**IKEv2_v1.*_C**		**IKEv2v1.0_I**	
		support for encapsulating security payloads in IP	ESP	X			**ESPv3_v1.*_C**		**ESP_v1.*_I**	
SP500-267	**6.11**	**Application Requirements**								
		support of DNS client/resolver functions	DNS-Client	X			*Self Test*		*Self Test*	
		support of Socket application program interfaces	SOCK	X			*Self Test*		*Self Test*	
		support of IPv6 uniform resource identifiers	URI	X			*Self Test*		*Self Test*	
		support of a DNS server application	DNS-Server	X			*Self Test*		*Self Test*	
		support of a DHCP server application	DHCP-Server	X			*Self Test*		**DHCP_Serv_v1.*_I**	
SP500-267	**6.2**	**Routing Protocol Requirements**								
		support of the intra-domain (interior) routing	IGW	X			*Self Test*		**OSPFv3_v1.*_I**	
		support for inter-domain (exterior) routing protocols	EGW	X			*Self Test*		**BGP_v1.*_I**	
SP500-267	**6.4**	**Transition Mechanism Requirements**								
		support of interoperation with IPv4-only systems	IPv4	P			*Self Test*		*Self Test*	
		support of tunneling IPv6 over IPv4 MPLS services	6PE	X			*Self Test*		*Self Test*	
SP500-267	**6.8**	**Network Management Requirements**							Self Test	
		support of network management services	SNMP	X			*Self Test*		Self Test	
SP500-267	**6.9**	**Multicast Requirements**								
		support of basic multicast	Mcast	P			*Self Test*			
		full support of multicast communications	SSM	X			*Self Test*		*Self Test*	
SP500-267	**6.10**	**Mobility Requirements**								
		support of mobile IP capability.	MIP	X			*Self Test*		*Self Test*	
		support of mobile network capabilities	NEMO	X			*Self Test*		*Self Test*	
SP500-267	**6.3**	**Quality of Service Requirements**								
		support of Differentiated Services capabilities	DS	X			*Self Test*		*Self Test*	
SP500-267	**6.12**	**Network Protection Device Requirements**								
		support of common NPD reqts	NPD	X			**N1|N2|N3|N4_v1.3**			
		support of basic firewall capabilities	FW	X			**N1_FW_v1.3**			
		support of application firewall capabilities	APFW	X			*Self Test*			
		support of intrusion detection capabilities	IDS	X			**N3_IDS_v1.3**			
		support of intrusion protection capabilities	IPS	X			**N4_IPS_v1.3**			
SP500-267	**6.5**	**Link Specific Technologies**								
		support of robust packet compression services	ROHC	X			Self Test		Self Test	
		support of link technology [O:1]	Link=Ethernet	P			Self Test	Self Test	Self Test	Self Test
		(repeat as needed) support of link technology	Link=							
12	X	**< Check HERE if this stack's DOC includes additional information about tested capabilities and options on an attached page 3 of notes.**								

Level	**Level of 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 recommendend as mandatory (unconditional MUST) in the USGv6-v1 Profile.
P	Passed required tests of USGv6-V1 requirements for these capabilities.		Indicates cabability that is unusal for a given device type / stack role. Do not select without careful analysis.
N	See notes page for details on the level of support of USGv6-v1 reequirements for this capability.		Indicates capability that is left optional / ocnditional by the recommedations of the USGv6-v1 Profile.
X	USGv6 capability not supported in product.		

Test Suite - Specific USGv6 Test suite used for test. See: http://www.antd.nist.gov/usgv6/test-specifications.html

Test Lab / Result ID - Abbreviation of accredited laboratory and its local identifier for this test result.

Note # - reference to a detailed note about this capability or result on attached page.

Component Ref - Supplier / Product / Stack ID of distinctly tested component that provides this capability.

Field 13	Product Id:		P3P QLE8242		Stack Id:			110.94			
				Context / Configuration Option	Supported Capabilities			Notes about USGv6-v1 Capabilities.			
Note #	Spec / Reference	Section	USGv6-v1 Profile Requirements		Host	Router	NPD	Test Suite Conformance/NPD	Test Lab / Result ID, Note	Test Suite Interoperability	Test Lab / Result ID, Note
1	RFC 4862	2	**IP6Interop.1.3C Processing Router Advertisements - Prefix Discovery**	SLAAC	X					SLAAC_v1.1 I	UNH-IOL/8873
Discussion:	The node does not properly handle an invalid address when its global address's valid lifetime expires.										
2	RFC 4862	5.4.4	**IP6Interop.1.2B,D Address Autoconfiguration and Duplicate Address Detection**	SLAAC	X					SLAAC_v1.1 I	UNH-IOL/8873
Discussion:	The device did not properly determine that its tentative address was a duplicate and assigned the duplicate to its interface.										
3											
Discussion:											
4											
Discussion:											
5											
Discussion:											
6											
Discussion:											
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Discussion:											
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Discussion:											
9											
Discussion:											
10											
Discussion:											

Vendor's General Notes / Discussion about this Product / Stack's capabilities:

11	Suppliers Declaration of Conformity for USGv6 Products: Declared Capabilities and Test Results Summary							USGv6-v1 SDOC-v1.8 Page 2
Product Id:	**Broadcom NetXtreme II 10G 57xxx**		**Stack Id:**			**Driver 7.0.11.0**		

			Context /	Supported Capabilities			USGv6 Testing Program Results			
Spec / Reference	Section	USGv6-v1 Profile Requirements	Configuration Option	Host	Router	NPD	Test Suite Conformance/NPD	Test Lab / Result ID, Note #, or Component Ref	Test Suite Interoperability	Test Lab / Result ID, Note #, or Component Ref
SP500-267	**6.1**	**IPv6 Basic Requirements**								
		support of IPv6 base (IPv6;ICMPv6;PMTU;ND)	IPv6-Base	P			**Basic_v1.*_C**	UNH-IOL/11498	**Basic_V1.*_I**	UNH-IOL/11502
		support of stateless address auto-configuration	SLAAC	P			**SLAAC-V1.*_C**	UNH-IOL/11499	**SLAAC-V1.0_I**	UNH-IOL/11503
		support of SLAAC privacy extensions.	PrivAddr				*Self Test*		*Self Test*	
		support of stateful (DHCP) address auto-	DHCP-Client				*Self Test*		**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*	
SP500-267	**6.6**	**Addressing Requirements**								
		support of addressing architecture reqts	Addr-Arch	P			**Addr_Arch_v1.*_C**	UNH-IOL/11500	**Addr_Arch_v1.*_I**	UNH-IOL/11504
		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				**IKEv2_v1.*_C**		**IKEv2v1.0_I**	
		support for encapsulating security payloads in IP	ESP				**ESPv3_v1.*_C**		**ESP_v1.*_I**	
SP500-267	**6.11**	**Application Requirements**								
		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**	
SP500-267	**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**	
SP500-267	**6.4**	**Transition Mechanism Requirements**								
		support of interoperation with IPv4-only systems	IPv4				*Self Test*		*Self Test*	
		support of tunneling IPv6 over IPv4 MPLS services	6PE				*Self Test*		*Self Test*	
SP500-267	**6.8**	**Network Management Requirements**							Self Test	
		support of network management services	SNMP				*Self Test*		Self Test	
SP500-267	**6.9**	**Multicast Requirements**								
		support of basic multicast	Mcast				*Self Test*	Self Test		
		full support of multicast communications	SSM				*Self Test*		*Self Test*	
SP500-267	**6.10**	**Mobility Requirements**								
		support of mobile IP capability.	MIP				*Self Test*		*Self Test*	
		support of mobile network capabilities	NEMO				*Self Test*		*Self Test*	
SP500-267	**6.3**	**Quality of Service Requirements**								
		support of Differentiated Services capabilities	DS				*Self Test*		*Self Test*	
SP500-267	**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**			
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=Ethernet	P			Self Test	Self Test	Self Test	Self Test
		(repeat as needed) support of link technology	Link=							
12		**< Check HERE if this stack's DOC includes additional information about tested capabilities and options on an attached page 3 of notes.**								

Level	Level of support for USGv6-v1 Requirements for capability.	Color	Indication of USGv6-v1 Recommended Level of Support for device type / stack role.
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P	Passed required tests of USGv6-V1 requirements for these capabilities.		Indicates cabability that is unusal for a given device type / stack role. Do not select without careful analysis.
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Component Ref - Supplier / Product / Stack ID of distinctly tested component that provides this capability.

Field 13	Product Id:			Stack Id:						
					Supported Capabilities			Notes about USGv6-v1 Capabilities.			
Note #	Spec / Reference	Section	USGv6-v1 Profile Requirements	Context / Configuration Option	Host	Router	NPD	Test Suite Conformance/NPD	Test Lab / Result ID, Note	Test Suite Interoperability	Test Lab / Result ID, Note
1											
Discussion:											
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Discussion:											

Vendor's General Notes / Discussion about this Product / Stack's capabilities: