		Senior Product Manager	Mark Damell / Senior	Print Name / Title	
6181202	Date		11/1/100	Signature	10
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 capabilities are identical and unmodified for all the products cited above.	in a	This SDOC contains a capabilities test report for each unique invo stack in the product in this stacks/ports not covered are documented, and how their lpv6 capabilities differ from those reported are explained.	contains a capabilities test report not covered are documented, and explained.	YES This SDOC contains a stacks/ports not covere reported are explained.	
invalidated if this product is deployed in a network environment that does not support ipv4. All of the products listed in the product family in section 5 are implemented such that their USGv6	VII 0	invalidated ifthis product is operated in a dual stack (6 and 4)network environment.	this product is operated in a dual s	invalidated ift	
This product is fully functional in IPv6 only environments. That is, no claimed capabilities are	YES	Itary Attestations (Answer all). This product is fully functional in dual stack environments. That is, no claimed capabilities are	is fully functional in dual stack en	blemen	9
			Action (Accuse off)		[4]
					[3]
					[2]
					[1]
Notes:	Stack ID:	Product ID:		Component Supplier	
attached test results in the case of composite products).	renced and	Additional Declarations / Attachments: (List supplier & product-id/stack-id for referenced and attached test	ons / Attachments: (List	Additional Declaration	00
DOCs are identified in section 8 and attached. This product's page 2 will indicate which capabilities product-id/stack-id).	nt referenced SL ad components (USGv6 SDOCs. All of the relevant referenced SDOCs are identified are provided by specific referenced components (product-id/stack-id)	pabilities of this product are ults reported in this SDOC.	All of the declared USGv6 capabilities of this product are addressed by orginal test results reported in this SDOC.	SES
int are provided by the use and/or integration of umodified components that have their own unique	tios of this prod	indicate one).	Self Contained or Composite SDOC? (Must indicate one).	Self Contained or Co	7
zv2+SLAC+Link=Ethernet.	Sec-v3+IKE	e.g. example-prod-id/stack-1: USGv6-v1-Host: IPv6-Base+Addr-Arch+IPsec-v3+IKEv2+SLAC+Link=Ethemet.	ple-prod-id/stack-1: USG	summary). e.g. exam	o
INCOVE Canability summary. (For each distinct IPv6 stack in the product provide a summary of its USGv6 capabilities below and include a detailed test result	a summary	nct IPv6 stack in the product provide	immary (For each distin	IISGV6 Canability SII	0
o apply). Check Product Family attestation below:	declared t	Product Family (other products using same IPv6 stack(s) to which these results are declared to apply). Chec	r products using same IF	Product Family (other	Si
	ack 2	15 Service Pack 2			
ration tested.	s of configu	Product as Tested/Declared: Product Identifier, version/revision information, details of configuration tested.	eclared: Product Identifie	Product as Tested/De	4
				www.suse.com Phone: +49-(0)911-740-53-0 Email: mark.damell@suse.com	www.suse.com Phone: +49-(0) Email: mark.da
			berg, Germany	Maxfeldstrasse 5, 90409 Nümberg, Germany	Maxfelds
		t Details	Supplier's Name, Address and SDOC Contact Details	Supplier's Name, Add	3
SUSE Linux Enterprise Server	SUSE Linu			Product Identifier:	2
USGV6 FIGHE VEISION 1.0, July 2000. (mg. 0.000 = 0.000			ring Conformity:	The Document Requiring Conformity:	_
USGv6-V1 SDUC-V1.10 Fage 1		ucts	Suppliers Declaration of Conformity for USGv6 Products	s Declaration of Conf	Supplier
100 0 14 10 Page 1					

See instructions for fields 1-12 on Page 4.

						Double Comment		USO	USGv6-v1 SDOC-v1.10 Page 2
11 S	upplie	Suppliers Declaration of Conformity for USGv6 Products: Declared Capabilities and less results summary	ucts: Declared	Stac	Stack Id:	Results Sullilliary		15 Service Pack 2	
Product Id:		SOSE Linux Ellielbrise server	Yel	Compared C	anahilitios		USGv6 Testing Program Results	rogram Results	
			Configuration	Supported Capabillues	apabililes	Test Suite	Test Lab / Result ID, Note #, or		Test Lab / Result ID, Note #, or
	Section	USGv6-v1 Profile Requirements	Option	Host Router	ter NPD	Conformance/NPD	Component Ref	Test Suite Interoperability	Component Ref
SP500-267	_	IPv6 Basic Requirements	IDAS Base	0			UNH-IOL/32386	Basic_V1.*_I	UNH-IOL/32387
		support of IPvo base (IPvo; ICMPvo, PMI o, NO)	PMTU	ъ.		ဂ	UNH-IOL/32386		UNH-IOL/32387
		support of PMTO Discovery Protocol requirements	SLAAC	ъ.		ဂ	UNH-IOL/32386	SLAAC-V1.*	UNH-IOL/32387
		support of Creation of Global Addresses	SLAAC - c(M)	ъ		1	UNH-IOL/32386		CINIT-IOL/32301
		support of SLAAC privacy extensions.	PrivAddr	-	+	DHCP Client v1 * C	UNH-IOL/32390 Notes 2-7	\vdash	UNH-IOL/32391
		support of stateful (DHCP) address auto-	DHCP-Client	2	+	Self Test		Self Test	
		support of automated loater prefix delegations	SEND			Self Test		Self Test	
SP500-267	6.6	Addressing Requirements							UNH-IOL/32389
		support of addressing architecture reqts	Addr-Arch	P		Self Test	ONT-IOL/32300	Self Test	
		support of cryptographically generated addresses	CGA						
SP500-267	6.7	IP Security Requirements	IPsecv3	z		П	UNH-IOL/32393	IPsecv3 v1.* I	UNH-IOL/32394, Note 1
		support for automated key management	IKEv2	P		IKEv2 v1.* C	UNH-IOL/32395		UNH-IOL/32394
		support for encapsulating security payloads in IP	ESP	P			UNH-IUL/32393		
SP500-267	6.11	Application Requirements	DNS-Client			Self Test		Self Test	
		support of DNS citerior program interfaces	SOCK			Self Test		Self Test	
		support of IPv6 uniform resource identifiers	URI		-	Self Test		Self Test	
		support of a DNS server application	DHCD-Server	+	+	Self Test		DHCP_Serv_v1.*_I	
20000	3	support of a DHCF server application	DI OCITO					000000000000000000000000000000000000000	
OF 000-207		support of the intra-domain (interior) routing protocols	IGW		-	Self Test		BGP v1.* I	
		support for inter-domain (exterior) routing protocols	EGW			Seat Hace			
SP500-267	6.4	Transition Mechanism Requirements	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	SNMP			Self Test		Self Test	
	6.9	Multicast Requirements							
		support of basic multicast	Mcast			Self Test		Self Test	
200.067	2 40	Mobility Positionants	COM					Colf Tost	
SF300-207	9	support of mobile IP capability.	MIP			Self Test		Self Test	
		support of mobile network capabilities	NEMO			Och lest			
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 regts	NPD			N1 FW v1.3			
		support of application firewall capabilities	APFW			Self Test			
		support of intrusion detection capabilities	IDS			NA IPS v1.3			
		support of intrusion protection capabilities	IPS			117 11 0 1100			
SP500-267	6.5	support of robust packet compression services	ROHC			Self Test	0.50	Self Test	Self Declaration
		support of link technology [O:1]	Link=Ethernet	P		Sell liest	Oell Decidiation		
		(repeat as needed) support of link technology	Link=		H				
10		stack's DOC	additional infor	nation abou	ut tested	includes additional information about tested capabilities and options of	on an attached page 3 of notes.		
71								. Company of the devices	ton (stack role
	Level	Level of support for USGv6-v1 Requirements for capability			Color		Indication of USGv6-v1 Recommended Level of Support for device type / stack role.	evel of Support for device	v6-v1 Profile.
1040	Blank -	Blank - SDOC makes no declaration for this capability.					is recommendend as mandatory (unconditional MOS I) ill tile OSOVO-VI i riollio	k mle	ut careful analysis.
Ъ	Passe	Passed required tests of USGv6-V1 requirements for these capabilities	pabilities.				is Independent of a given device type / stack lone. Bo not observe the USGv6-v1 Profile	ו עב	v1 Profile.
z	See no	See notes page for details on the level of support of USGv6-v1 reequirements for this capability	1 reequirements to	r this capabilit	×	illulcates capability that i	O TOTAL OPPOSITION A SOCIETY OF THE PROPERTY O		
	USGv6	capability not supported in product.			-				
		too of the world for toot Coo. http://www.antd	nist nov/usgv6/test	specifications	html		Note # - reference to	a detailed note about this	Note # - reference to a detailed note about this capability or result on attached page.
Test Suite -	Specific	Test Suite - Specific USGv6 Lest Suite Used for test. See: http://www.airus.htms:guvroug.vovoorspoorspoorspoorspoorspoorspoorspoo	its local identifier for this test result.	esult.		Component R	Ref - Supplier / Product / Stack ID of distinctly tested component that provides this capability	stinctly tested component to	hat provides this capability.
lest ray / W	9000	ADDITION OF SECTION OF							

uppliers	Declaration	of Confor	Suppliers Declaration of Conformity for USGv6 Products: Notes Page and Detailed Test Results Summary	etailed lest ke	ne suns	Stack Id:			
13			-	Context /	Suppor	Supported Capabilities	ilities		Notes about USGv6-v1 Capabilities.
*	Spec /	Section	USGv6.v1 Profile Requirements	Configuration Option	Host	Router	NPD	Test Suite Conformance/NPD	Test Lab / Result ID, Note
1000	RFC4301		Security Architecture for the IP	IPsec-v3					
	RFC4303		Encapsulating Security Payload (ESP)	IPsec-v3	2				
		This defect of the tunno establish th	This defect allows an ICMP Packet-too-big frame to stop all traffic on an IPsec tunnel. While this frame would normally be sent by a router between the two tunnel endpoints, the packet could be sport of the tunnel endpoint details. This defect is therefore classified as a denial of service attack. User data should not be compromised in the event that this occurs. To mitigate or recover if this event establish the tunnel. SUSE is working in the upstream Linux code base to integrate the fix for this issue and will issue the fix in a kernel maintenance update as soon as feasible.	on an IPsec tunnels s a denial of service base to integrate t	l. While thi e attack. L	s frame wo lser data s his issue a	uld noma hould not nd will iss	ally be sent by a router be compromised in the ue the fix in a kernel ma	etween the two tunnel endpoints event that this occurs. To mitigat ntenance update as soon as fea
2	RFC3315		Dynamic Host Config Protocol (DHCPv6)	DHCP Client	c(M)			DHCP_Client_v1.2_C	DHCP_Client_v1.2_C UNH-IOL/32390 Notes 2
Discussion		The retrans	The retransmit-time calculation does not include previous RAND factor of +/- 0.1s.	actor of +/- 0.1s.					
ω	RFC3315		Dynamic Host Config Protocol (DHCPv6)	DHCP Client	c(M)			DHCP_Client_v1.2_C	UNH-IOL/32390 Note 3
Discussion	1:	After receiv	After receiving an advertise message, the request message is deferred until current the RT is over, rather than immediately	ferred until current	the RT is o	ver, rathe	than imm	ediately.	
4	RFC3315		Dynamic Host Config Protocol (DHCPv6)	DHCP Client	c(M)			Client v1.2 C	UNH-IOL/32390 Note 4
Discussion	n:	Release m	Release messages are sent to the server before the addresses have been removed	ave been removed			(3)		
UI	RFC3315		Dynamic Host Config Protocol (DHCPv6)	DHCP Client	c(M)			DHCP Client v1.2 C	UNH-IOL/32390 Note 5
Discussion	2	Rebind rep	Rebind reply messages with no IA are discarded instead of resending the rebind message	ding the rebind me	ssage				
တ	RFC3315		Dynamic Host Config Protocol (DHCPv6)	DHCP Client	c(M)			DHCP Client v1.2 C	UNH-IOL/32390 Note 6
Discussion	n:	Status cod	Status codes in a reply to release messages are not checked, but rather it considers any reply as success	it rather it considers	any reply	as succes	Š		
7	RFC3315		Dynamic Host Config Protocol (DHCPv6)	DHCP Client	c(M)			DHCP_Client_v1.2_C	UNH-IOL/32390 Note 7
Discussion	2	UseMultica	UseMulticast, NoBinding, and UnspecFail status codes are not handled properly	andled properly					
00									
Discussion	ä.								
9									
liec liecio									
/endor's (Vendor's General Notes / Discussion about this	/ Discussion	on about this Product / Stack's capabilities:						

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	e
	ofed by anyone with knowledge ccurs, simply bring down and re-
	UNH-IOL/32394, Note 1
	UNH-IOL/32394, Note 1
	Test Lab / Result ID, Note
	6-v1 SDOC-v1.10 Page 3