	SUPP		INFORMATION SUPPLIER S					
SUPPL	LIER NAME	Palo Alto Networks		DIGINATURE				
SUPPI		jbajic@paloaltonetworks.con	- Jake Bajic (Sep 7, 2022 09:54 PDT)					
	ACCREDITED L		ACCREDITED LABOR	ATORY SIGN	ATURE			
LABO	RATORY NAME		Michaela Manager	(
LABO	RATORY CONTACT EMAIL	usgv6-sdoc@iol.unh.edu	Michayla Newcombe (Sep 7, 2022 13:49	EDT)				
	[2] PRODUCT VE		[3] PROE					
	10.	2.2	PAN-C)S 10.	2			
			JCT FAMILY					
	APPLICABLE SER	IES HARDWARE	APPLICABLE SEF	RIES SOFTWA	RE			
Ľ.	l itary : All of the declared ca ssed by original test results	apabilities of this product are reported in this SDoC.	Composite: Some or all of the are provided by the use and/or in components that have their own relevant referenced SDoCs are i linked.	ntegration of unn unique SDoCs.	nodified All of the			
[6] REF	SUPPLIER	PRODUCT ID/STACK ID	CAPABILITY SUMMAF		COMPOSITE SDOC LINK			
i.	Palo Alto Networks	l	JSGv6-r1:NPP+FW+IDS+ISP+L					
		[7] USGV6-CAPAB	LE REQUIREMENTS					
U	SGv6-r1-Capable-Host		USGv6-r1-Capable-Switch	USGv6-r1-Cap	able-NPP			
	NIGT OD FOR COTD () REFERENCED					
i. ii.	NIST SP 500-267Br1, U	SGV6 Profile						
		[9] SUPPLEMENT	ARY ATTESTATIONS					
That is	[9] SUPPLEMENTARY ATTESTATIONS This product is fully functional in dual stack environments. That is, no claimed capabilities are invalidated if this product is operated in a dual stack (IPv6 and IPv4) network environment. That is, no claimed capabilities are invalidated if this product is deployed in a network environment that does not support IPv4.							
unique covere	his SDoC contains a capabi e IPv6 stack in the product. ed are documented, and ho hose reported are explained	If not, the stacks/ports not w their IPv6 capabilities differ	implemented such that their capa function across the entire product conformance and interoperability of an identified member of this pro-	All of the products listed in the product family in section 4 are implemented such that their capabilities are identical in form and function across the entire product family. The specific conformance and interoperability test results for the capabilities of an identified member of this product family are provided in this SDoC. The SDoC attests that these tested capabilities are				

Host Capabilities

[10] PRODUC	T ID/ STACK ID				CAPABILITY SUMMARY				
[11] SUPPORTED	CAPABILITY	CONFOR		INTEROPERABILI		NOTES			
CAPABILITY		TEST SELECTION	RESULT ID	TEST SELECTION	RESULT ID				
-	IPv6-ONLY			IPv6- ONLY_R1v1.*_F					
-	Core	Core_R1v1.*_C		Core_R1v1.*_I					
-	Extended-ICMP	Self-Test		Self-Test					
-	PLPMTUD	Self-Test		Self-Test					
-	ND-Ext	Self-Test		Self-Test					
-	ND-WL	Self-Test		Self-Test					
-	SEND	Self-Test		Self-Test					
-	SLAAC	SLAAC_R1v1.*_C		SLAAC_R1v1.*_I					
-	PriAddr	Self-Test		Self-Test					
-	DHCP- Stateless	DHCP- Stateless_R1v1 .*_C		DHCP- Stateless_R1v1 _*_I					
-	DHCP-Client	DHCP- Client_R1v1.*_C		DHCP- Client_R1v1.*_I					
-	DHCP-Client- Ext	Self-Test		Self-Test					
-	DHCP-Prefix	DHCP- Prefix_R1v1.*_C		DHCP- Prefix_R1v1.*_I					
-	DHCP-Prefix- Ext	Self-Test		Self-Test					
-	6Lo	Self-Test		Self-Test					

Host Capabilities

		Self-Test	Self-Test		
-	Happy-Eyeballs	Sen-rest	- Sen-Test		
-	Addr-Arch	Addr- Arch_R1v1.*_C	Addr- Arch_R1v1.*_I		
-	CGA	Self-Test	Self-Test		
-	DNS-Client	Self-Test	Self-Test		
-	URI	Self-Test	Self-Test		
-	NTP-Client	Self-Test	Self-Test		
-	NTP-Server	Self-Test	Self-Test		
-	DNS-Server	Self-Test	Self-Test		
-	DHCP-Server	DHCP- Server_R1v1.*_C	DHCP- Server_R1v1.*_I		
-	DHCP-Server- Ext	Self-Test	Self-Test		
-	DHCP-Relay	DHCP- Relay_R1v1.*_C	DHCP- Relay_R1v1.*_I		
-	IPsec	IPsec_R1v1.*_C	IPsec_R1v1.*_I		
-	IPsec-SHA-512	IPsec-SHA- 512_R1v1.*_C	IPsec-SHA- 512_R1v1.*_I		
-	SSHV2	Self-Test	Self-Test		
-	TLS	Self-Test	Self-Test		
-	TLS-1.3	Self-Test	Self-Test		
-	Tunneling-IP	Self-Test	Self-Test		

Host Capabilities

		Self-Test	Self-Test		
-	Tunneling-UDP				
-	XLAT	Self-Test	Self-Test		
-	NAT64	Self-Test	Self-Test		
-	DNS64	Self-Test	Self-Test		
-	SNMP	Self-Test	Self-Test		
-	Tunneling	Self-Test	Self-Test		
-	DiffServ	Self-Test	Self-Test		
-	NETCONF	Self-Test	Self-Test		
-	SSM	Self-Test	Self-Test		
-	Multicast	Multicast_R1v1 .*_C	Multicast_R1v1 .*_I		
-	ECN	Self-Test	Self-Test		
-	Link =	Self-Test	Self-Test		

Router Capabilities

[10] PRODUC	T ID/ STACK ID				CAPABILITY SUMMARY				
[11] SUPPORTED		CONFOR	MANCE RESULT ID	INTEROPERABIL TEST	ITY/FUNCTIONAL RESULT ID	NOTES			
CAPABILITY	CAPABILITY	SELECTION	RESULTID	SELECTION	RESULTID				
-	IPv6-ONLY			IPv6- ONLY_R1v1.*_F					
-	Core	Core_R1v1.*_C		Core_R1v1.*_I					
-	Extended-ICMP	Self-Test		Self-Test					
-	PLPMTUD	Self-Test		Self-Test					
-	ND-Ext	Self-Test		Self-Test					
-	ND-WL	Self-Test		Self-Test					
-	SEND	Self-Test		Self-Test					
-	SLAAC	SLAAC_R1v1.*_C		SLAAC_R1v1.*_I					
-	PrivAddr	Self-Test		Self-Test					
-	DHCP-Prefix	DHCP- Prefix_R1v1.*_C		DHCP- Prefix_R1v1.*_I					
-	DHCP-Prefix- Ext	Self-Test		Self-Test					
-	6Lo	Self-Test		Self-Test					
-	Addr-Arch	Addr- Arch_R1v1.*_C		Addr- Arch_R1v1.*_I					
-	CGA	Self-Test		Self-Test					

Router Capabilities

			0. If T		
-	DNS-Client	Self-Test	Self-Test		
-	URI	Self-Test	Self-Test		
-	NTP-Client	Self-Test	Self-Test		
-	NTP-Server	Self-Test	Self-Test		
-	DNS-Server	Self-Test	Self-Test		
-	DHCP-Server	DHCP- Server_R1v1.*_C	DHCP- Server_R1v1.*_		
-	DHCP-Server- Ext	Self-Test	Self-Test		
-	DHCP-Relay	DHCP- Relay_R1v1.*_C	DHCP- Relay_R1v1.*_		
-	OSPF	Self-Test	OSPF_R1v1.*_		
-	OSPF-IPsec	Self-Test	Self-Test		
-	OSPF-Auth	Self-Test	OSPF- Auth_R1v1.*_I	,	
-	OSPF-Ext	Self-Test	Self-Test		
-	OSPF-Trans	Self-Test	Self-Test		
-	OSPF-Graceful	Self-Test	Self-Test		
-	ISIS	Self-Test	Self-Test		
-	IS-IS-Auth	Self-Test	Self-Test		
-	IS-IS-Ext	Self-Test	Self-Test		
-	IS-IS-MT	Self-Test	Self-Test		

		Self-Test	BGP_R1v1.*_I	
-	BGP			
-	BGP-Reflect	Self-Test	Self-Test	
-	BGP-Graceful	Self-Test	Self-Test	
-	BGP-FlowSpec	Self-Test	Self-Test	
-	BGP-OV	Self-Test	Self-Test	
-	BGP-VPLS	Self-Test	Self-Test	
-	BGP-EVPN	Self-Test	Self-Test	
-	BGP-6VPE	Self-Test	Self-Test	
-	BGP-MVPN	Self-Test	Self-Test	
-	MPLS	Self-Test	Self-Test	
-	CE-Router	CE_Router_R1v 1.*_C	CE_Router_R1v 1.*_I	
-	VRRP	Self-Test	Self-Test	
-	IPsec	IPsec_R1v1.*_C	IPsec_R1v1.*_I	
-	IPsec-VPN	IPsec- VPN_R1v1.*_C	IPsec- VPN_R1v1.*_I	
-	IPsec-SHA-512	IPsec-SHA- 512_R1v1.*_C	IPsec-SHA- 512_R1v1.*_I	
-	IPsec-SHA-512- VPN	IPsec-SHA-512- VPN_R1v1.*_C	IPsec-SHA-512- VPN_R1v1.*_I	
-	SSHV2	Self-Test	Self-Test	
-	TLS	Self-Test	Self-Test	

	1			
-	TLS-1.3	Self-Test	Self-Test	
-	Tunneling-IP	Self-Test	Self-Test	
-	Tunneling-UDP	Self-Test	Self-Test	
-	GRE	Self-Test	Self-Test	
-	DS-Lite	Self-Test	Self-Test	
-	LW4over6	Self-Test	Self-Test	
-	MAP-E	Self-Test	Self-Test	
-	MAP-T	Self-Test	Self-Test	
-	XLAT	Self-Test	Self-Test	
-	NAT64	Self-Test	Self-Test	
-	DNS64	Self-Test	Self-Test	
-	6PE	Self-Test	Self-Test	
-	LISP	Self-Test	Self-Test	
-	SNMP	Self-Test	Self-Test	
-	Tunneling	Self-Test	Self-Test	
-	DiffServ	Self-Test	Self-Test	
-	NETCONF	Self-Test	Self-Test	
-	SSM	Self-Test	Self-Test	

Router Capabilities

-	PIM-SM	Self-Test	Self-Test	
-	PIM-SM-IPsec	Self-Test	Self-Test	
-	PIM-SM-BiDir	Self-Test	Self-Test	
-	Multicast	Multicast_R1v1. *_C	Multicast_R1v1. *_I	
-	ECN	Self-Test	Self-Test	
-	Link =	Self-Test	Self-Test	

Application Capabilities

[10] PRODUC	T ID/ STACK ID				CAPABILITY SUMMARY			
[11] SUPPORTED CAPABILITY	CAPABILITY	CONFO TEST SELECTION	RMANCE RESULT ID	INTEROPERABIL TEST SELECTION	ITY/FUNCTIONAL RESULT ID	NOTES		
-	IPv6-ONLY			IPv6- ONLY_R1v1.*_F				
-	App-Serv=			APP- ONLY_R1v1.*_F				
-	Link =			Self-Test				

NPP Capabilities

[10] PRODUC	T ID/ STACK ID				CAPABILITY SUMMARY			
	PAN-C	OS 10.2/	10.2.2		USGv6-r1:NPP+FW+IDS+ISP+Link=Ethernet			
[11]	CAPABILITY	CONFOR			ITY/FUNCTIONAL	NOTES		
SUPPORTED CAPABILITY		TEST SELECTION	RESULT ID	TEST SELECTION	RESULT ID			
-	IPv6-ONLY			IPv6- ONLY_R1v1.*_F				
PASS	FW	FW_R1v1.*_C	UNH-IOL/35120					
-	APFW	Self-Test						
PASS	IDS	FW_R1v1.*_C	UNH-IOL/35121					
PASS	IPS	FW_R1v1.*_C	UNH-IOL/35122					
PASS	Link = Ethernet	Self-Test	Self Declaration					

[10] PRODUC	T ID/ STACK ID					CAPABILITY SUMMARY			
[11]	CAPABILITY	CONFOR	MANCE	INTEROPERABILIT	Y/FUNCTIONAL				
SUPPORTED CAPABILITY		TEST SELECTION	RESULT ID	TEST SELECTION	RESULT ID	NOTES			
-	IPv6-ONLY			IPv6- ONLY_R1v1.*_F					
-	DHCPv6-Guard	Self-Test		Self-Test					
-	RA-Guard	Self-Test		Self-Test					
-	MLD-Snooping	Self-Test		Self-Test					
-	Link =	Self-Test		Self-Test					

1	CONTACT INFORMATION	Supplier name, email and signature (digital recommended). Include printed name and date if wet ink signed. Accredited laboratory name, email and signature (digital recommended). Include printed name and date if wet ink signed.
2	PRODUCT VERSION TESTED	Firmware/ software version of product declared
3	PRODUCT ID	Suppliers concise name for product declared
4	PRODUCT FAMILY	Applicable hardware or software with an unmodified IPv6 stack from "PRODUCT VERSION TESTED"
5	UNITARY OR COMPOSITE	Indicate if this is a unitary or composite SDoC. If composite is checked, composite SDoC must be linked in section 6.
6	REF	Reference number to profile(s) reference in this SDoC
	SUPPLIER	Supplier name
	PRODUCT ID/STACK ID	Product ID must match field 3. As there may be more than one unique IPv6 stack, stack ID identifies particular stack described in CAPABILITY SUMMARY. Each unique stack requires a CAPABILTY SUMMARY.
	CAPABILITY SUMMARY	The strong notation as described in NIST-SP-500-267Ar1 that describes the product capabilities of the given stack.
	COMPOSITE SDOC LINK	URL link to composite SDoC referenced.
7	USGV6-CAPABLE REQUIREMENTS	Refer to section 5 in NIST-SP-500-267Br1 for CSS strings referenced in this section. Check the appropriate box if the product meets the requirements.
8	PROFILE(S) REFERENCED	Profile(s) referenced in the SDoC.
9	SUPPLEMENTARY ATTESTATIONS	Attestations made by the supplier. Check all that apply.
10	PRODUCT ID/STACK ID	PRODUCT ID/STACK ID for stack documented on given page.
	CAPABILITY SUMMARY	CAPABILITY SUMMARY for stack documented on given page.
11	SUPPORTED CAPABILITY	"PASS" – All requirements of the capability have been met
		"NOTES" – See notes for details regarding the level of support for this capability
		"X" – Capability not supported
		BLANK – No declaration for this capability
	CAPABILITY	IPv6 Capability as described in NIST-SP-500-267Ar1.
	TEST SELECTION	Test Selection Tables version of capabilities with existing test programs. Capabilities without an existing test program are indicated with "Self-Test"
	RESULT ID	Abbreviation of accredited laboratory and unique identifier of test result. Capabilities with "Self-Test" can be self-declared writing "Self Declaration" in the cell.
	NOTES	The cell must be filled out if "NOTE" is indicated for SUPPORTED CAPABILITY. Suppliers may use notes to clarify unsupported features or non-passing results.

SUPPLIER GENERAL NOTES