[1] CONTACT INFORMATION

SUPPLIER		SUPPLIER SIGNATURE
SUPPLIER NAME	Dell Technologies	George Dilger II George Dilger II (Sep 30, 2025 16:31:55 EDT)
SUPPLIER CONTACT EMAIL	George.Dilger@dell.com	
ACCREDITED LABORATORY		**ACCREDITED LABORATORY SIGNATURE**
LABORATORY NAME	UNH InterOperability Laboratory	Michayla Newcombe Michayla Newcombe (Sep 30, 2025 16:47:15 EDT)
LABORATORY CONTACT EMAIL	usgv6-sdoc@iol.unh.edu	

[2] PRODUCT VERSION TESTED	[3] PRODUCT ID
ThinOS10 2502_10.0042	ThinOS10

[4] PRODUCT FAMILY

APPLICABLE SERIES HARDWARE	APPLICABLE SERIES SOFTWARE
Please see "SUPPLIER GENERAL NOTES" for complete list.	ThinOS10 2502_10.0052, ThinOS10 2505_10.0076

[5] UNITARY OR COMPOSITE SDOC

☑ **Unitary**: All of the declared capabilities of this product are addressed by original test results reported in this SDoC.	☐ **Composite:** Some or all of the capabilities of this product are provided by the use and/or integration of unmodified components that have their own unique SDoCs. All of the relevant referenced SDoCs are identified in section 6 and linked.

[6] REF	SUPPLIER	PRODUCT ID/STACK ID	CAPABILITY SUMMARY	COMPOSITE SDOC LINK
i.	Dell Technologies	ThinOS10/ThinOS10 2502_10.0042	USGv6-r1:Host+Core+SLAAC+Addr-Arch+Link=Ethernet	

[7] USGV6-CAPABLE REQUIREMENTS

☐ USGv6-r1-Capable-Host ☐ USGv6-r1-Capable-Router ☐ USGv6-r1-Capable-Switch ☐ USGv6-r1-Capable-NPP

[8] PROFILE(S) REFERENCED

i.	NIST SP 500-267Br1, USGv6 Profile
ii.	

[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.	☐ 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.
☑ 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.	☑ 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 identical and unmodified for all the products cited above.

Host Capabilities

[10] PRODUCT ID/ STACK ID	CAPABILITY SUMMARY
ThinOS10/ThinOS10 2502_10.0042	USGv6-r1:Host+Core+SLAAC+Addr-Arch+Link=Ethernet

[11] SUPPORTED CAPABILITY	CAPABILITY	CONFORMANCE		INTEROPERABILITY/FUNCTIONAL		NOTES
		TEST SELECTION	RESULT ID	TEST SELECTION	RESULT ID	
NOTES	**IPv6-ONLY**			**IPv6-ONLY_R1v1.*_F**	UNH-IOL/39794	- The product required IPv4 addresses to be set on its management interface in order to complete initial configuration. - The product was tested using the latest available version of its software or firmware. Therefore, the update functionality of this product could not be tested.
PASS	**Core**	**Core_R1v1.*_C**	UNH-IOL/39790	**Core_R1v1.*_I**	UNH-IOL/39792	
-	**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**		
PASS	**SLAAC**	**SLAAC_R1v1.*_C**	UNH-IOL/39790	**SLAAC_R1v1.*_I**	UNH-IOL/39792	
-	**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

-	**Happy-Eyeballs**	**Self-Test**		**Self-Test**		
PASS	**Addr-Arch**	**Addr-Arch_R1v1.*_C**	UNH-IOL/39791	**Addr-Arch_R1v1.*_I**	UNH-IOL/39793	
-	**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

-	**Tunneling-UDP**	**Self-Test**		**Self-Test**		
-	**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**		
PASS	**Link =** Ethernet	**Self-Test**	Self Declaration	**Self-Test**	Self Declaration	

Router Capabilities

[10] PRODUCT ID/ STACK ID						CAPABILITY SUMMARY
[11] SUPPORTED CAPABILITY	CAPABILITY	CONFORMANCE TEST SELECTION	CONFORMANCE RESULT ID	INTEROPERABILITY/FUNCTIONAL TEST SELECTION	INTEROPERABILITY/FUNCTIONAL RESULT ID	NOTES
-	**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**		

-	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		
-	OSPF	Self-Test		OSPF_R1v1.*_I		
-	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		

-	BGP	Self-Test		BGP_R1v1.*_I		
-	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_R1v1.*_C		CE_Router_R1v1.*_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		

-	**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		

-	**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] PRODUCT ID/ STACK ID						CAPABILITY SUMMARY
[11] SUPPORTED CAPABILITY	CAPABILITY	CONFORMANCE		INTEROPERABILITY/FUNCTIONAL		NOTES
		TEST SELECTION	RESULT ID	TEST SELECTION	RESULT ID	
-	**IPv6-ONLY**			**IPv6-ONLY_R1v1.*_F**		
-	**App-Serv=**			**APP-ONLY_R1v1.*_F**		
-	**Link =**			**Self-Test**		

NPP Capabilities

[10] PRODUCT ID/ STACK ID	CAPABILITY SUMMARY

[11] SUPPORTED CAPABILITY	CAPABILITY	CONFORMANCE		INTEROPERABILITY/FUNCTIONAL		NOTES
		TEST SELECTION	RESULT ID	TEST SELECTION	RESULT ID	
-	**IPv6-ONLY**			**IPv6-ONLY_R1v1.*_F**		
-	**FW**	**FW_R1v1.*_C**				
-	**APFW**	**Self-Test**				
-	**IDS**	**FW_R1v1.*_C**				
-	**IPS**	**FW_R1v1.*_C**				
-	**Link =**	**Self-Test**				

Switch Capabilities

[10] PRODUCT ID/ STACK ID				CAPABILITY SUMMARY		
[11] SUPPORTED CAPABILITY	CAPABILITY	CONFORMANCE		INTEROPERABILITY/FUNCTIONAL		NOTES
		TEST SELECTION	RESULT ID	TEST SELECTION	RESULT ID	
-	**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**		

DIRECTIONS: Please use Adobe Acrobat to complete. Detailed instructions for completing and interpreting each numbered field are given below. Contact usgv6-program@nist.gov with questions.		
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 by 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
Dell Wyse: Dell Wyse 5070 Thin Client, Dell Wyse 5070 Extended Thin Client, Dell Wyse 5470 Mobile Thin Client, Dell Wyse 5470 All-in-One Dell OptiPlex: Dell OptiPlex 3000 Thin Client, Dell OptiPlex 5400 All-in-One, Dell OptiPlex All-In-One 7410, Dell OptiPlex All-in-One 7420, Dell OptiPlex Micro Plus 7010, Dell OptiPlex Micro Plus 7020 Dell Workstations: Dell Precision 3280, Dell Precision 3260 Compact Dell Latitude: Dell Latitude 3420, Dell Latitude 3440, Dell Latitude 3330, Dell Latitude 3450, Dell Latitude 5440, Dell Latitude 5450, Dell Latitude 5520, Dell Latitude 5530, Dell Latitude 5540, Dell Latitude 5550 Dell Pro Series: Dell Pro 14 PC14250, Dell Pro 24 All-in-One QC24251, Dell Pro 16 Plus PB16250, Dell Pro 16 PC16250, Dell Pro Max 16 Plus MB16250, Dell Pro Max 14 MC14250, Dell Pro Tower QCT1250, Dell Pro Slim Low SFF QCS1250, Dell Pro Rugged 13 RA13250, Dell Pro Rugged 14 RB14250, Dell Pro 14 Plus PB14250, Dell Pro 13 Plus PB13250 Amulet Hotkey: Amulet Hotkey DX1558