| | | | ormity for USGv6 Prod | ucts | | | | USGv6-v1 SDOC-v1.10 Page 1 | | | | | |
|------------|---|--|---|---------------|--|--|--|---|--|--|--|--|--|
| 1 | | | ring Conformity: | | _ | USGv6 Profile Version 1.0, July 2008. (NIST SP500-267) | | | | | | | |
| 2 | Product Identifier: Dell EMC PowerVault ME4 Series | | | | | | | | | | | | |
| 3 | Supplier's Name, Address and SDOC Contact Details | | | | | | | | | | | | |
| Dell EM | EMC II Way Round Rock TX 78682 | | | | | | | | | | | | |
| Bob Da | • | OCK 17 /00 | 02 | | | | | | | | | | |
| | wson@dell.c | om / 512-72 | 23-6193 | | | | | | | | | | |
| 4 | Product as | Tested/De | clared: Product Identific | er, version/r | evision information, details | s of configur | ation tested. | | | | | | |
| | | | | | GT280R00 | 06-02 | | | | | | | |
| 5 | Product Fa | ı mily (other | products using same IP | v6 stack(s) | to which these results are | declared to | apply). (| Check Product Family attestation below. | | | | | |
| | | | | | ME4012, ME402 | | | | | | | | |
| 6 | | | | | ck in the product provide a IPv6-Base+Addr-Arch+IPs | | | capabilities below and include a detailed test result nk=Ethernet. | | | | | |
| | [1] USGv6-v1-Host: IPv6-Base+Addr-Arch+Link = Ethernet [2] USGv6-v1-Host: IPv6-Base+Addr-Arch+SLAAC+Link = Ethernet [3] USGv6-v1-Host: IPv6-Base+Link = Ethernet | | | | | | | | | | | | |
| 7 | Self Conta | ined or Cor | mposite SDOC? (Must i | ndicate one |). | | | | | | | | |
| YES | | | pabilities of this product are sults reported in this SDOC. | NO | | ant referenced | SDOCs are id | ided by the use and/or integration of unmodified components that have their own u entified in section 8 and attached. This product's page 2 will indicate which capab ttack-id). | | | | | |
| 8 | Additional | Declaration | ns / Attachments: (List | supplier & p | product-id/stack-id for refer | renced and | nd attached test results in the case of composite products). | | | | | | |
| | Componer | t Supplier | | Product ID |); | Stack ID: | | Notes: | | | | | |
| [1] | | Dell | EMC | Dell EMC I | PowerVault ME4 Series | GT280F | R006-02 | iSCSI CNC optical interface | | | | | |
| [2] | | Dell | EMC | Dell EMC I | PowerVault ME4 Series | GT280F | R006-02 | Ethernet management interface | | | | | |
| [3] | | Dell | EMC | Dell EMC I | PowerVault ME4 Series | GT280F | R006-02 | iSCSI 10GBaseT, RJ45 copper interface | | | | | |
| [4] | _ | | | | | | | | | | | | |
| 9 | Suppleme | | tations (Answer all). | | | | T | | | | | | |
| | This product is fully functional in dual stack environments. That is, no claimed capabilities invalidated if this product is operated in a dual stack (6 and 4)network environment. | | | | | | | t is fully functional in IPv6 only environments. That is, no claimed capabilities are f 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 stacks/ports not covered are documented, and how their Ipv6 capabilities differ reported are explained. Yes | | | | | capabilities ar conformance this product fa | ucts listed in the product family in section 5 are implemented such that their USGvi e identical in form and function across the entire product family. The specific and interoperability test results for the USGv6 capabilities of an identified member of amily are provided in this SDOC. The SDOC attests that these tested USGv6 e identical and unmodified for all the products cited above. | | | | | |
| 10 | Signature | | Robert Dawson | | | Date | 4/8/20 | | | | | | |
| | Print Name | / Title | Robert Dawson / Softw | are Senior F | Principal Engineer | | | | | | | | |
| See instru | ıctions for fields | 1-12 on Page | 4. | | | | | | | | | | |
| | | | | | | | | | | | | | |

| nadicat I | | Dell EMC PowerVault ME4 | | | Stack lo | | Results Summary | | CT200D000 00 | | | |
|-----------|--|---|---------------------|-------------|-----------|----------|--|--|-----------------------------|-------------------------------------|--|--|
| roduct Id | : | Dell EMC Powervault ME4 | | | | | | GT280R006-02 | | | | |
| | | | Context / | Suppo | rted Capa | bilities | | USGv6 Testing Program Results | | | | |
| Spec / | | | Configuration | | | | Test Suite | Test Lab / Result ID, Note #, or | | Test Lab / Result ID, Note #, o | | |
| Reference | Section | USGv6-v1 Profile Requirements | Option | Host | Router | NPD | Conformance/NPD | Component Ref | Test Suite Interoperability | Component Ref | | |
| 2500-267 | 6.1 | IPv6 Basic Requirements | | | | | | | | | | |
| | | support of IPv6 base (IPv6;ICMPv6;PMTU;ND) | IPv6-Base | Р | | | Basic_v1.*_C | UNH-IOL/31305 | Basic_V1.*_I | UNH-IOL/31306 | | |
| | | support of PMTU Discovery Protocol requirements | PMTU | Р | | | Basic_v1.*_C | UNH-IOL/31305 | Basic_V1.*_I | UNH-IOL/31306 | | |
| | | support of stateless address auto-configuration | SLAAC | P | | | SLAAC-V1.*_C | UNH-IOL/31305 | SLAAC-V1.*_I | UNH-IOL/31306 | | |
| | | support of Creation of Global Addresses | SLAAC - c(M) | | | | SLAAC-V1.*_C | | SLAAC-V1.*_I | | | |
| | | support of SLAAC privacy extensions. | PrivAddr | | | | Self Test | | Self Test | | | |
| | | support of stateful (DHCP) address auto- | DHCP-Client | | | | DHCP_Client_v1.*_C | | DHCP_Client_v1.*_I | | | |
| | | support of automated router prefix delegation | DHCP-Prefix | | | | Self Test | | Self Test | | | |
| | | support of neighbor discovery security extensions | SEND | | | | Self Test | | Self Test | | | |
| P500-267 | 6.6 | Addressing Requirements | | | | | | | | | | |
| | | support of addressing architecture reqts | Addr-Arch | P | | | Addr_Arch_v1.*_C | UNH-IOL/31307 | Addr_Arch_v1.*_I | UNH-IOL/31308 | | |
| | | support of cryptographically generated addresses | CGA | | | | Self Test | | Self Test | | | |
| 2500-267 | 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 | | | |
| P500-267 | 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 | | | |
| P500-267 | 6.2 | Routing Protocol Requirements | | | | | | | | | | |
| | | support of the intra-domain (interior) routing protocols | IGW | | | | Self Test | | OSPFv3_v1.*_I | | | |
| SP500-267 | | support for inter-domain (exterior) routing protocols | EGW | | | | Self Test | | BGP_v1.*_I | | | |
| | 6.4 | Transition Mechanism Requirements | 15.4 | | | | 0 1/ 7 | | 0 " 7 ' | | | |
| | | 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 | | | |
| P500-267 | 6.8 | Network Management Requirements | ONIME | | | | 0.47 | | Self Test | | | |
| 2500 007 | | support of network management services | SNMP | | | | Self Test | | Self Test | | | |
| 2500-267 | 6.9 | Multicast Requirements | | | | | 0.47 | | | | | |
| | | support of basic multicast full support of multicast communications | Mcast SSM | | | | Self Test Self Test | | Self Test | | | |
| P500-267 | 6.10 | Mobility Requirements | JOIN | | | | Sell Test | | Sell Test | | | |
| 1300-207 | 0.10 | support of mobile IP capability. | MIP | | | | Self Test | | Self Test | | | |
| | | support of mobile network capabilities | NEMO | | | | Self Test | | Self Test | | | |
| 2500-267 | 6.3 | Quality of Service Requirements | IVENIO | | | | Och Test | | Gen Test | | | |
| 300-201 | 0.5 | support of Differentiated Services capabilities | DS | | | | Self Test | | Self Test | | | |
| 2500-267 | 6.12 | Network Protection Device Requirements | DO | | | | Jell 1691 | | OGII 1 GOL | | | |
| 300-201 | 0.12 | | NPD | | | | MAINGINGINA 2 | | | | | |
| | | support of common NPD regts | FW | | | | N1 N2 N3 N4_v1.3 N1 FW v1.3 | + | | - | | |
| | | support of basic firewall capabilities support of application firewall capabilities | APFW | | | | N1_FW_V1.3 Self Test | | - | - | | |
| | | support of application firewall capabilities support of intrusion detection capabilities | IDS | | | | N3 IDS v1.3 | - | | - | | |
| | | support of intrusion detection capabilities support of intrusion protection capabilities | IPS | | | | N3_IDS_V1.3 N4_IPS_v1.3 | | - | - | | |
| P500-267 | 6.5 | Link Specific Technologies | IFO | | | | N4_IF3_V1.3 | <u> </u> | | | | |
| 300-207 | 0.5 | support of robust packet compression services | ROHC | | | | Self Test | | Self Test | | | |
| | l | support of robust packet compression services support of link technology [O:1] | | Р | | | Self Test | Self Declaration | Self Test | Self Declaration | | |
| | - | support of link technology [O:1] | LIIK- EURINEL | | | | Jeii 1621 | Gen Decidiation | Sell Test | Sen Detidiation | | |
| | - | (repeat as needed) support of link technology | Link= | | | | | | | 1 | | |
| | | | | | | | | | <u> </u> | | | |
| 12 | | < Check HERE if this stack's DOC includes | additional infor | mation a | about te | sted cap | pabilities and options | on an attached page 3 of notes | i. | | | |
| Level | Level o | f support for USGv6-v1 Requirements for capability. | | | | Color | Indicat | ion of USGv6-v1 Recommended Lev | el of Support for device tv | pe / stack role. | | |
| | | SDOC makes no declaration for this capability. | | | | | Indicates capability that is recommended as mandatory (unconditional MUST) in the USGv6-v1 Profile. Indicates capability that is unusual for a given device type / stack role. Do not select without careful analysis. | | | | | |
| Р | | required tests of USGv6-V1 requirements for these capabi | silitios | | | | | | | | | |
| | | | | | | | | | | | | |
| N X | | es page for details on the level of support of USGv6-v1 re | quirements for this | capability. | | | indicates capability that is le | eft optional / conditional by the recomm | endations of the USGV6-v1 | Profile. | | |
| | USGV6 | capability not supported in product. | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | JSGv6 Test suite used for test. See: http://www.antd.nist. | | | | | | | | pability or result on attached page | | |

| duct Id: | | | | | ~ | | | | OT000D00000 | | | | |
|----------|----------|---|---------------------|--|-----------|----------|--|--|-----------------------------|---------------------------------|--|--|--|
| auct ia. | | Dell EMC PowerVault ME4 | | | Stack Id | | GT280R006-02 | | | | | | |
| | | | Context / | Suppo | rted Capa | bilities | | USGv6 Testing Program Results | | | | | |
| Spec / | | | Configuration | | | | Test Suite | Test Lab / Result ID, Note #, or | | Test Lab / Result ID, Note #, o | | | |
| | Section | USGv6-v1 Profile Requirements | Option | Host | Router | NPD | Conformance/NPD | Component Ref | Test Suite Interoperability | Component Ref | | | |
| 500-267 | 6.1 | IPv6 Basic Requirements | | | | | | | | | | | |
| | | support of IPv6 base (IPv6;ICMPv6;PMTU;ND) | IPv6-Base | Р | | | Basic_v1.*_C | UNH-IOL/30780 | Basic_V1.*_I | UNH-IOL/30782 | | | |
| | | support of PMTU Discovery Protocol requirements | PMTU | Р | | | Basic_v1.*_C | UNH-IOL/30780 | Basic_V1.*_I | UNH-IOL/30782 | | | |
| | | support of stateless address auto-configuration | SLAAC | Р | | | SLAAC-V1.*_C | UNH-IOL/30780 | SLAAC-V1.*_I | UNH-IOL/30782 | | | |
| | | support of Creation of Global Addresses | SLAAC - c(M) | Р | | | SLAAC-V1.*_C | UNH-IOL/30780 | SLAAC-V1.*_I | UNH-IOL/30782 | | | |
| | | support of SLAAC privacy extensions. | PrivAddr | | | | Self Test | | Self Test | | | | |
| | | support of stateful (DHCP) address auto- | DHCP-Client | | | | DHCP_Client_v1.*_C | | DHCP_Client_v1.*_I | | | | |
| | | support of automated router prefix delegation | DHCP-Prefix | | | | Self Test | | Self Test | | | | |
| | | support of neighbor discovery security extensions | SEND | | | | Self Test | | Self Test | | | | |
| 500-267 | 6.6 | Addressing Requirements | | | | | | | | | | | |
| | | support of addressing architecture reqts | Addr-Arch | Р | | | Addr_Arch_v1.*_C | UNH-IOL/30781 | Addr_Arch_v1.*_I | UNH-IOL/30783 | | | |
| | | support of cryptographically generated addresses | CGA | | | | Self Test | | Self Test | | | | |
| 500-267 | 6.7 | IP Security Requirements | | | | | | | | | | | |
| | | support of the IP security architecture | IPsecv3 | | | | IPsecv3_v1.*_C | | IPsecv3_v1.*_I | ļ | | | |
| | | 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 | | | | |
| 00-267 | 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 | | | | |
| 00-267 | 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 | | | | |
| 00-267 | 6.4 | Transition Mechanism Requirements | ID 4 | | | | 0 1/ 7 | | 0 ".7 . | | | | |
| | | 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 | | | | |
| 00-267 | 6.8 | Network Management Requirements | ONINE | | | | 0.47 | | Self Test | | | | |
| 00 007 | | support of network management services | SNMP | | | | Self Test | | Self Test | | | | |
| 00-267 | 6.9 | Multicast Requirements | | | | | 0.47 | | | | | | |
| | | support of basic multicast full support of multicast communications | Mcast SSM | | | | Self Test Self Test | | Self Test | | | | |
| 500-267 | 6.10 | Mobility Requirements | SSIVI | | | | Sell Test | | Sell Test | | | | |
| 000-207 | 0.10 | support of mobile IP capability. | MIP | | | | Self Test | | Self Test | | | | |
| | | support of mobile IP capability. support of mobile network capabilities | NEMO | | | | Self Test | | Self Test | | | | |
| 500-267 | 6.3 | Quality of Service Requirements | INEIVIO | | | | Sell Test | | Sell Test | | | | |
| 000-207 | 0.3 | support of Differentiated Services capabilities | DS | | | | Self Test | | Self Test | | | | |
| 00-267 | 6.12 | Network Protection Device Requirements | DS | | | | Sell Test | | Sell Test | | | | |
| 000-267 | 0.12 | | | | | | | | | | | | |
| | | support of common NPD reqts | NPD | | | | N1 N2 N3 N4_v1.3 | | | | | | |
| | | support of basic firewall capabilities | FW | | | | N1_FW_v1.3 | | + | ļ | | | |
| | | support of application firewall capabilities | APFW | | | | Self Test | | <u> </u> | | | | |
| | | support of intrusion detection capabilities | IDS IPS | | | | N3_IDS_v1.3 N4_IPS_v1.3 | | + | ļ | | | |
| 00.207 | 6.5 | support of intrusion protection capabilities | IPS | | | | N4_IP5_V1.3 | | | | | | |
| 500-267 | 6.5 | Link Specific Technologies | ROHC | | | | Colf Toot | | Calf Toot | | | | |
| | | support of robust packet compression services support of link technology [O:1] | | | | | Self Test Self Test | Self Declaration | Self Test Self Test | Self Declaration | | | |
| | | Support of link technology [O:1] | LIIK-EURIIIRI | | | | Sell Test | Seii Decidiation | Sell Test | Sen Detidiation | | | |
| | | (repeat as needed) support of link technology | Link= | | | | | <u> </u> | | 1 | | | |
| | | | | | | | | | <u> </u> | | | | |
| 12 | | < Check HERE if this stack's DOC includes | additional infor | mation | about te | sted cap | pabilities and options | on an attached page 3 of notes | S | | | | |
| evel | Level of | support for USGv6-v1 Requirements for capability. | | ion of USGv6-v1 Recommended Level of Support for device type / stack role. | | | | | | | | | |
| | | SDOC makes no declaration for this capability. | | | | Color | Indication of USGV6-V1 Recommended Level of Support for device type / stack role. Indicates capability that is recommended as mandatory (unconditional MUST) in the USGv6-v1 Profile. | | | | | | |
| | | required tests of USGv6-V1 requirements for these capab | ilitioe | | | | | nusual for a given device type / stack r | | | | | |
| | | | | | | | | | | | | | |
| | | es page for details on the level of support of USGv6-v1 re | quirements for this | capability. | | | indicates capability that is le | eft optional / conditional by the recomm | endations of the USGV6-v1 I | Profile. | | | |
| X | USGv6 o | capability not supported in product. | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| | | ers Declaration of Conformity for USGv6 Pro | | u oupus | | | itesuits cummary | | CT200D006 22 | | | | |
|-----------|--|---|---------------------|-------------|-----------|----------|---------------------------------|---|-----------------------------|-------------------------------------|--|--|--|
| roduct Id | : | Dell EMC PowerVault ME4 | Series | | Stack lo | | | GT280R006-02 | | | | | |
| | | | Context / | Suppo | rted Capa | bilities | | USGv6 Testing P | rogram Results | | | | |
| Spec / | | | Configuration | | | | Test Suite | Test Lab / Result ID, Note #, or | | Test Lab / Result ID, Note #, o | | | |
| eference | Section | USGv6-v1 Profile Requirements | Option | Host | Router | NPD | Conformance/NPD | Component Ref | Test Suite Interoperability | Component Ref | | | |
| P500-267 | 6.1 | IPv6 Basic Requirements | | | | | | | | | | | |
| | | support of IPv6 base (IPv6;ICMPv6;PMTU;ND) | IPv6-Base | Р | | | Basic_v1.*_C | UNH-IOL/31336 | Basic_V1.*_I | UNH-IOL/31344 | | | |
| | | support of PMTU Discovery Protocol requirements | PMTU | Р | | | Basic_v1.*_C | UNH-IOL/31336 | Basic_V1.*_I | UNH-IOL/31344 | | | |
| | | support of stateless address auto-configuration | SLAAC | Р | | | SLAAC-V1.*_C | UNH-IOL/31336 | SLAAC-V1.*_I | UNH-IOL/31344 | | | |
| | | support of Creation of Global Addresses | SLAAC - c(M) | | | | SLAAC-V1.*_C | | SLAAC-V1.*_I | | | | |
| | | support of SLAAC privacy extensions. | PrivAddr | | | | Self Test | | Self Test | | | | |
| | | support of stateful (DHCP) address auto- | DHCP-Client | | | | DHCP_Client_v1.*_C | | DHCP_Client_v1.*_I | | | | |
| | | support of automated router prefix delegation | DHCP-Prefix | | | | Self Test | | Self Test | | | | |
| | | support of neighbor discovery security extensions | SEND | | | | Self Test | | Self Test | | | | |
| 500-267 | 6.6 | Addressing Requirements | | | | | | | | | | | |
| | | support of addressing architecture reqts | Addr-Arch | N | | | Addr_Arch_v1.*_C | UNH-IOL/31345, Note 1 | Addr_Arch_v1.*_I | UNH-IOL/31337, Note 1 | | | |
| | | support of cryptographically generated addresses | CGA | | | | Self Test | | Self Test | | | | |
| 500-267 | 6.7 | IP Security Requirements | | | | | | | | | | | |
| | | support of the IP security architecture | IPsecv3 | | | | IPsecv3_v1.*_C | | IPsecv3_v1.*_I | | | | |
| | | support for automated key management | IKEv2 | | | | IKEv2_v1.*_C | | IKEv2_v2.*_I | | | | |
| | | support for encapsulating security payloads in IP | ESP | | | | ESPv3_v1.*_C | | ESP_v1.*_I | | | | |
| 500-267 | 6.11 | Application Requirements | | | | | | | | | | | |
| | | support of DNS client/resolver functions | DNS-Client | | | | 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 | | | | |
| P500-267 | 6.2 | Routing Protocol Requirements | | | | | | | | | | | |
| | | support of the intra-domain (interior) routing protocols | IGW | | | | Self Test | | OSPFv3_v1.*_I | | | | |
| P500-267 | | support for inter-domain (exterior) routing protocols | EGW | | | | Self Test | | BGP_v1.*_I | | | | |
| | 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 | | | | |
| P500-267 | 6.8 | Network Management Requirements | | | | | | | Self Test | | | | |
| | | support of network management services | SNMP | | | | Self Test | | Self Test | | | | |
| 500-267 | 6.9 | Multicast Requirements | | | | | | | | | | | |
| | | support of basic multicast | Mcast SSM | | | | Self Test Self Test | | Self Test | | | | |
| 500-267 | 6.10 | full support of multicast communications Mobility Requirements | SSIVI | | | | Sell Test | | Sell Test | | | | |
| 200-207 | 6.10 | | MIP | | | | Self Test | | Self Test | | | | |
| | | support of mobile IP capability. support of mobile network capabilities | NEMO | | | | Self Test | | Self Test | | | | |
| 500-267 | 6.3 | Quality of Service Requirements | INLINIO | | | | Sell Test | | Sell Test | | | | |
| 300-207 | 0.3 | support of Differentiated Services capabilities | DS | | | | Self Test | | Self Test | | | | |
| 500-267 | 6.12 | Network Protection Device Requirements | DS | | | | Sell Test | | Sell Test | | | | |
| 500-267 | 0.12 | | NDD | | | | NAINIOINIOINA A O | | | | | | |
| | ├ ── | support of common NPD reqts | NPD | | \vdash | | N1 N2 N3 N4_v1.3 | | | | | | |
| | | support of basic firewall capabilities | FW | | | | N1_FW_v1.3 | | 1 | - | | | |
| | ļ | support of application firewall capabilities | APFW IDS | | | | Self Test | | | | | | |
| | | support of intrusion detection capabilities | IDS | | | | N3_IDS_v1.3 N4_IPS_v1.3 | | 1 | - | | | |
| 2500-267 | 6.5 | support of intrusion protection capabilities | IPS | | | | N4_IP5_V1.3 | | | | | | |
| 000-267 | 0.5 | Link Specific Technologies | ROHC | | | | Colf Toot | | Colf Toot | | | | |
| | | support of robust packet compression services support of link technology [O:1] | | | | | Self Test Self Test | Self Declaration | Self Test Self Test | Self Declaration | | | |
| | | Support of link technology [O:1] | LIIK-EURIIRU | | | | Sell Test | Seii Decidiation | Jeli Test | Sen Detidiation | | | |
| | l | (repeat as needed) support of link technology | Link= | | | | | <u> </u> | | + | | | |
| | | | | | | | | | | | | | |
| 12 | | < Check HERE if this stack's DOC includes | additional infor | mation a | about te | sted cap | pabilities and options | on an attached page 3 of notes | i. | | | | |
| Level | Level of | f support for USGv6-v1 Requirements for capability. | | | | Color | Indicat | ion of USGv6-v1 Recommended Lev | el of Support for device ty | pe / stack role. | | | |
| | | SDOC makes no declaration for this capability. | | | | | | Indicates capability that is recommended as mandatory (unconditional MUST) in the USGv6-v1 Profile. | | | | | |
| Р | | required tests of USGv6-V1 requirements for these capabi | nilities | | | | | nusual for a given device type / stack n | | | | | |
| | | | | | | | | | | | | | |
| N | | es page for details on the level of support of USGv6-v1 re | quirements for this | capability. | | | indicates capability that is le | eft optional / conditional by the recomm | endations of the USGV6-v1 | Profile. | | | |
| | | capability not supported in product. | | | | 1 | | | | | | | |
| Х | USGVO | | | | | | | | | | | | |
| | | JSGv6 Test suite used for test. See: http://www.antd.nist. | | | | | | | | pability or result on attached page | | | |

| Suppliers Declaration of Conformity for USGv6 Products: Notes Page and Detailed Test Results Summary | | | | | | | | | | USGv | 6-v1 SDOC-v1.10 Page 3 | |
|--|---------------------|--|---|-------------------------|-------|-----------|----------|-------------------------------|----------------------------|--------------------------------|----------------------------|--|
| Field | Product Id: | | Dell EMC PowerVault ME4 | Series | | Stack lo | d: | | GT280R006-02 | | | |
| 13 | | | | Context / | Suppo | rted Capa | bilities | | Notes about USG | v6-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 | RFC3879 | | Deprecating Site Local Addresses | Addr-Arch | м | | | Addr_Arch_v1.*_C | UNH-IOL/31345, Note 1 | Addr_Arch_v1.*_I | UNH-IOL/31337, Note 1 | |
| | | | - | | | | | | | | | |
| Discussion | <u>:</u> | The device | under applies special behavior to a site local address. | T | l | | | | | | | |
| 2 | | | | | | | | | | | | |
| Discussion | 1: | | | | | | | | | | | |
| 3 | | | ! | | | | | | | | | |
| Discussion | 1: | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| Discussion | 1. | | | | | | | | | | | |
| 5 | | l | | | | | | | | | | |
| Discussion | | | | | | ı | | | | | | |
| 6 | | | | | | | | | | | | |
| | | | L | <u> </u> | I | I | | | | | | |
| Discussion | ı: | , | | | | | | | | | | |
| 7 | | | | | l | | | | | | | |
| Discussion | i: | | | <u> </u> | | | | | | | | |
| 8 | | | | | | | | | | | | |
| Discussion | ı: | | | 1 | | 1 | | | | | | |
| 9 | | | | | | | | | | | | |
| Discussion | 1: | | | | | | 1 | | | | | |
| 10 | | | | | | | | | | | | |
| Discussion |): 1: | | | | | | | | | | | |
| | | Discussion | about this Product / Stack's capabilities: | | | | | | | | | |
| • | | | | | | | | | | | | |
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General: This document describes network product from the identified supplier that claims support of USGv6 capabilities. General product and supplier identification is given on Page 1. Overall results of testing USGv6 capabilities for conformance, interoperability and network protection are given on Page 2. Detailed instructions for completing and interpreting each numbered field are given below. Note USGv6 Testing website at: http://www.antd.nist.gov/usgv6/testing.html. Contact: usgv6-project@antd.nist.gov.

given below. Note USGv6 Testing website at: http://www.antd.nist.gov/usgv6/testing.html. Contact: usgv6-project@antd.nist.gov. Field Field Description and Instructions **Description and Instructions** The Document Requiring Conformity Identifies the profile version implemented. Summary of Results: The format of this table mirrors the USGv6-v1.0 capabilities 11 Not a user completable field. checklist (USGv6 Profile, Appendix A). The 12 categories of USGv6 capabilities are listed as subheadings, with subsidiary functions as line items. Configuration options related to conditional implementation of selected capabilities. Product Identifier: Supplier's concise name for the product declared. Product Id/Stack Id: The identification line of this page includes space for Product Id and Stack Id labels. Product Id is the same as given on Page 1. As there may be more than one unique IPv6 stack implemented in the product, the Stack Id field identifies the particular stack described. One Results Summary page per stack is required. Suppliers Name, Address and Contact Details: Company name and point of Host, Router and Network Protection (NPD) columns identify 'preferred' options: cells in green represent the NIST recommendations. Cells in grey denote atypical options, contact for SDOC questions, street address, phone and email. very unlikely to be implemented. The procuring Agency may additionally tailor these fields to indicate requirements for this acquisition. Product as Tested/Declared: Product Identifier and detailed version information. Test Suite Conformance and Interoperability columns identify capability sets for If this SDOC reports oringal test results (page 2), include information about the which a public test suite exists, and the versions applicable to USGv6-v1.0 test specific product configuration(s) that was actually tested (e.g., hardware results. Major version v1 and all its minor versions are deemed acceptable. Over time, new versions will be added and older ones retired. There may be periods when configuration, operating system, etc). more than one major version is acceptable concurrently. Product Family: A list of other products that use the same, unmodified IPv6 The supplier completes the adjacent Test Lab and Result Id column with the test lab acronym and unique result identifier (See Test Lab and Accreditor page on the stacks such that their USGv6 capabilities are identical in form and function to the specific product configuration above. Test labs are only required to affirm Website). The buyer may opt to query results with the test laboratory using the the results for specific products tested. Test labs optionally may affirm specified Result Id(s). The supplier may opt to provide particular explanation of some recognized product families. results (partial results, additional options) in which case reference to note on an attached page 3. (e.g. "See Note# N"). See the USGv6 testing website to identify the test lab, and find contact details. USGv6 Capability Summary: The USGv6 stack implementation summary as Cells marked Self Test have no associated public test suite. If implemented by the identified by the '+' notation described in the USGv6 profile, Appendix A. For supplier, the required adjacent annotation is " Self Declaration". Note that vendors each IPv6 stack implementation in the product, a distinct Stack Id and reference declaring support for such a capability are declaring support for the associated to the attached Results Summary page (Page 2). specific requirements in the USGv6 Profile. Self Contained or Composite SDOC If this SDOC relies on the test results of Additional Options Tested Vendor checks if it is desired to record tested options not other disinct products, list the Supplier & Product ID/Stack IDs referenced and part of the 'Musts' in the profile. Explanations on the page following the results attach those original SDOCs to this one. summary. Headings and Special Notations as described. Additional Declarations / Attachements: List the supplier / product ID / Stack Options for Test Lab and Result Id: Currently 3 cases: (1) the test lab acronym and ID of any test results of composite components referenced by this SDOC. alphanumeric Id of the result set as assigned by the test laboratory; (2) 'Self declaration' denoting the supplier attests to adequate QA testing of the capability; (3) See attachment or note 'N', where the supplier explains variations in greater detail.

9 Supplementary Attestations: Suppliers disclosure of IPv6 only capabilities; multiple stacks present; product family applicabilities. These are not included to qualify or disqualify a product from purchase considerations, but to inform network administrators of potential configuration options relevant to USGv6 interoperability. Check all that apply.

10 Signature Block: Wet ink signature of the responsible product manager, dated. Printed name and position title on the line below. 13 Stack-1 Notes Instructions: The supplier may choose to use the Notes (page 3) in order to clarify unsupported features or non passing results. Each Note # must reference the same Note # from Page 2.

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

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