



DEFENSE INFORMATION SYSTEMS AGENCY

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IN REPLY
REFER TO: Joint Interoperability Test Command (JTE)

20 Jan 09

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Special Interoperability Test Certification of the Dell PowerConnect 3524 Family of Fast Ethernet Layer-2 Switches with Marvell Prestera-DX Application-Specific Integrated Circuits Running the Marvell ROS-7.47 Software Package for Internet Protocol Version 6 Capability

References: (a) DoDD 4630.5, "Interoperability and Supportability of Information Technology (IT) and National Security Systems (NSS)," 5 May 2004
(b) CJCSI 6212.01D, "Interoperability and Supportability of Information Technology and National Security Systems," 8 March 2006
(c) through (h), see Enclosure 1

1. References (a) and (b) establish the Joint Interoperability Test Command (JITC), as the responsible organization for interoperability test certification.
2. The Dell PowerConnect 3524 Fast Ethernet (FE) Layer-2 switch with Marvell Prestera-DX Application-Specific Integrated Circuits (ASICs) running the Marvell ROS-7.47 software package has met the Internet Protocol (IP) Version 6 (IPv6) Capable interoperability requirements of a network appliance as described in the Department of Defense (DoD) Information Technology Standards Registry, "DoD IPv6 Standard Profiles for IPv6 Capable Products Version 2.0," 1 August 2007, reference (c). The Dell PowerConnect 3524 FE Layer-2 switch with Marvell Prestera-DX ASICs running the Marvell ROS-7.47 software package has successfully completed the related IPv6 Interoperability portions of the "DoD IPv6 Generic Test Plan (GTP) Version 3," August 2007, reference (d), and is certified for listing on the Unified Capabilities (UC) Approved Products List (APL) as IPv6 Capable. The Dell PowerConnect 3524 Layer-2 switch is part of a family of FE Layer-2 switches which includes the 3524P, 3548, and 3548P PowerConnect FE Layer-2 switches with Marvell Prestera-DX ASICs that were not tested. JITC analysis determined these devices to be functionally identical for certification purposes. Therefore, the family of switches with Marvell Prestera-DX ASICs is certified as IPv6 capable. This certification expires upon changes that could affect interoperability, but no later than 3 years from the date of this memorandum.
3. This special certification is based on IPv6 Capable Interoperability testing conducted by JITC at Fort Huachuca, Arizona, and the vendor's Letters of Conformance (LoCs) dated 8 and 31 July 2008. Interoperability testing was conducted from 3 through 7 November 2008, at JITC's Advanced IP Technology Capability. Conformance testing was confirmed by both Marvell and Dell, and was verified in the LoCs provided. Enclosure 2 documents the summary test results and describes the devices. Users should verify interoperability before deploying the devices in an environment that varies significantly from that described.

JITC Memo, JTE, Special Interoperability Test Certification of the Dell PowerConnect 3524 Family of Fast Ethernet Layer-2 Switches with Marvell Presteria-DX Application-Specific Integrated Circuits Running the Marvell ROS-7.47 Software Package for Internet Protocol Version 6 Capability

4. The device's interoperability status summary is in Table 1, and Table 2 contains the equipment listing.

Table 1. Interoperability Status Summary

| Dell PowerConnect 3524 FE Layer-2 Switch Running the Marvell ROS-7.47 Software Package | | |
|--|-----------------------------|-----------------|
| Functional Category | Requirement | Verified |
| Base IPv6 | M | Yes |
| IPSec | S+ | No |
| Transition Mechanisms | S | Yes |
| Quality of Service | O | No |
| Mobility | CS | No |
| Bandwidth Limited Networks | O | No |
| Host | S | No |
| LEGEND: | | |
| CS | Conditional Should | M Must |
| FE | Fast Ethernet | O Optional |
| IPSec | Internet Protocol Security | S Should |
| IPv6 | Internet Protocol Version 6 | S+ Should Plus |
| NOTE: The terms Conditional Should, Must, Should, Should Plus, and Optional are used to reference specific required Request for Comments from the Internet Engineering Task Force, the Department of Defense Information Technology Standards Registry, and the Department of Defense IPv6 Generic Test Plan. | | |

Table 2. Equipment Listing

| Dell PowerConnect 3524 FE Layer-2 Switch Running the Marvell ROS-7.47 Software Package | | |
|---|--------------------------|--------------------|
| Component | Firmware/Software | Interface |
| Dell PowerConnect 3524 Layer-2 Switch | Marvell ROS-7.47 | 10/100 FE RJ |
| Marvell Software Package | ROS-7.47 | 10/100 FE RJ |
| LEGEND: | | |
| FE | Fast Ethernet | RJ Registered Jack |

5. No detailed test report was written in accordance with guidance from the Assistant Secretary of Defense (Networks & Information Integration). JITC distributes interoperability information via the JITC Electronic Report Distribution (ERD) system, which uses Unclassified-But-Sensitive Internet Protocol Router Network (NIPRNet) e-mail. More comprehensive interoperability status information is available via the JITC System Tracking Program (STP). The STP is accessible by .mil/gov users on the NIPRNet at <https://stp.fhu.disa.mil>. Test reports, lessons learned, and related testing documents and references are on the JITC Joint Interoperability Tool (JIT) at <http://jit.fhu.disa.mil> (NIPRNet), or <http://199.208.204.125> (SIPRNet). Information related to IPv6 Capable testing is on the UC APL at http://jitc.fhu.disa.mil/adv_ip/register/register.html.

JITC Memo, JTE, Special Interoperability Test Certification of the Dell PowerConnect 3524 Family of Fast Ethernet Layer-2 Switches with Marvell Prestera-DX Application-Specific Integrated Circuits Running the Marvell ROS-7.47 Software Package for Internet Protocol Version 6 Capability

6. The JITC point of contact is Donald L. Hann, DSN 879-5130, commercial (520) 538-5130, or e-mail don.hann@disa.mil.

FOR THE COMMANDER:



for RICHARD A. MEADOR
Chief
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2 Enclosures a/s

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Marvell Semiconductor Inc., Attn: Roman Ronin, ATIDIM Tech. Park BLDG. 4, Tel Aviv, Israel, 61581

ADDITIONAL REFERENCES

- (c) Department of Defense (DoD) Information Technology Standards Registry (DISR), "DoD Internet Protocol Version 6 (IPv6) Standard Profiles for IPv6 Capable Products Version 2.0," 1 August 2007
- (d) Defense Information Systems Agency, Joint Interoperability Test Command, "DoD IPv6 Generic Test Plan Version 3," August 2007
- (e) DoD Chief Information Officer (CIO) Memorandum, "IPv6," 9 June 2003
- (f) DoD CIO Memorandum, "IPv6 Interim Transition Guidance," 29 September 2003
- (g) DoD IPv6 Transition Office, "DoD IPv6 Master Test Plan, Version 2," September 2006
- (h) DoD, "DISR Global Information Grid (GIG) Convergence Master Plan (GCMP), Version 5.25," 29 March 2006

INTERNET PROTOCOL VERSION 6 CAPABLE TESTING SUMMARY

- 1. SYSTEM TITLE.** The Dell PowerConnect 3524 Fast Ethernet (FE) Layer-2 switch with Marvell Prestera-DX Application-Specific Integrated Circuit (ASIC) running the Marvell ROS-7.47 software package, hereafter referred to as the devices under test (DUTs).
- 2. PROPONENT.** Department of Defense (DoD) Internet Protocol (IP) Version 6 (IPv6) Transition Office (DITO).
- 3. PROGRAM MANAGER/USER POC.** DITO, Defense Information Systems Agency (DISA), Attn: GE36 Sam Assi, P.O. Box 4502, Arlington, VA 22204-4502, (703) 882-0241, e-mail: sam.assi@disa.mil.
- 4. TESTER.** Donald L. Hann, Joint Interoperability Test Command (JITC), P.O. Box 12798, Fort Huachuca, AZ 85670-2798, DSN: 879-5130, commercial: (520) 538-5130, e-mail: don.hann@disa.mil.
- 5. DEVICE UNDER TEST DESCRIPTION.** The DUTs are a Layer-2 switch designed by Dell to provide robust security, resilient stacking, and enterprise-class management features, and a management software package for that Layer-2 switch.
- 6. OPERATIONAL ARCHITECTURE.** The operational architecture was the JITC simulated Defense Information Systems Network (DISN) IP Core Network as depicted in Figure 2-1.
- 7. REQUIRED DEVICE INTERFACES.** All IPv6-capable products to be included on the Unified Capabilities Approved Product List must meet the requirements of the DoD Information Technology Standards Registry (DISR), "DoD IPv6 Standard Profiles for IPv6 Capable Products Version 2.0," 1 August 2007. Product testing conducted against these requirements is in accordance with the "DoD IPv6 Generic Test Plan (GTP) Version 3," August 2007. The IPv6 Network Appliance profile requirements for conformance and interoperability are in Table 2-1.

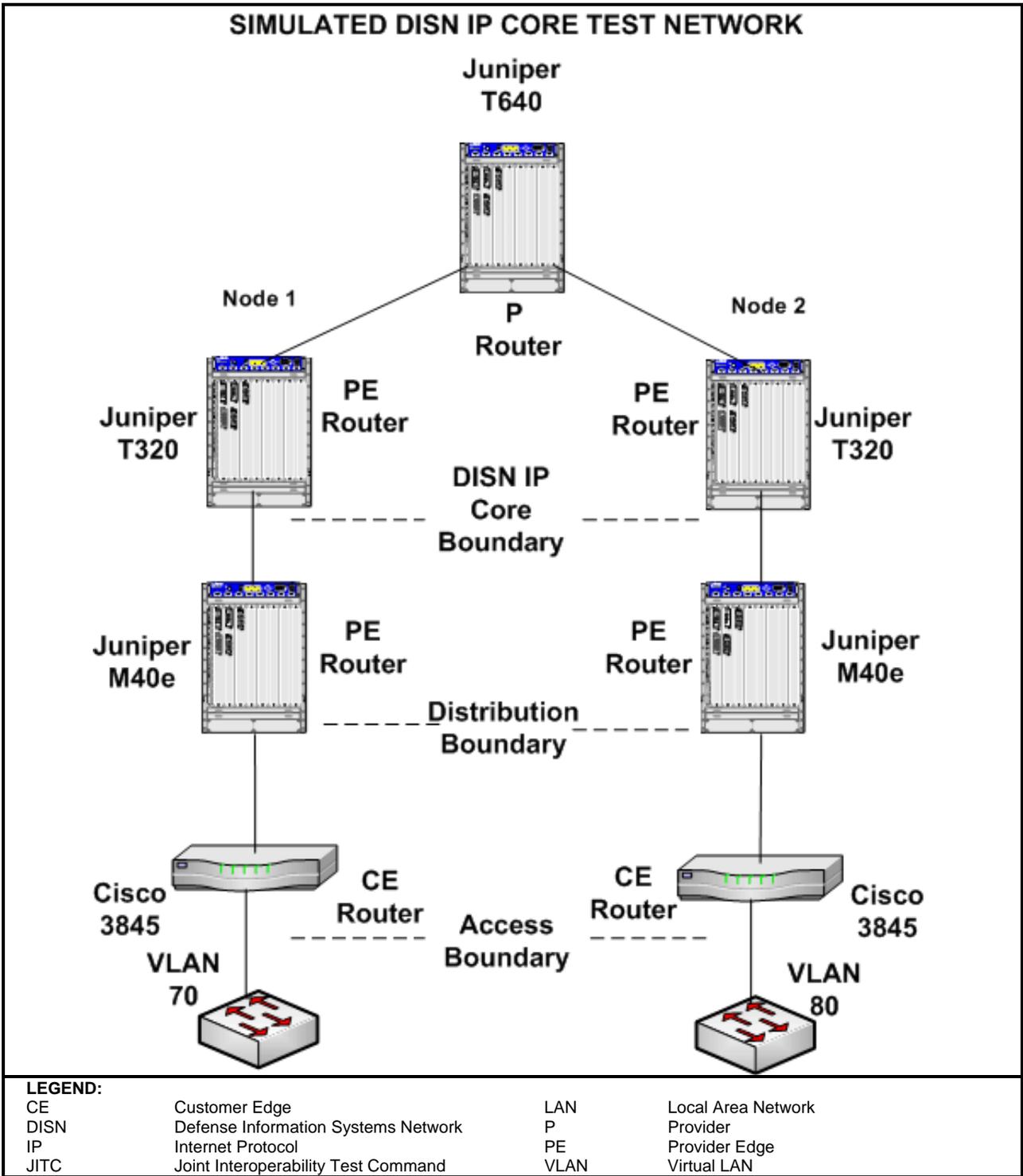


Figure 2-1. JITC Simulated DISN IP Core Network

Table 2-1. IPv6 Capability Requirements and Status

| Dell PowerConnect 3524 FE Layer-2 Switch Running the Marvell ROS-7.47 Software Package | | | | | | | |
|---|--|--------------------------|-------------------------|--------------------------|--------------------|--------------------|-----------------|
| RFC | RFC Title | Testing Completed | | Network Appliance | | Implemented | Comments |
| | | Conformance | Interoperability | Requirement | Met/Not Met | | |
| IPv6 Base | | | | | | | |
| 2460 | Internet Protocol version 6 (IPv6) Specification | Stated in LoC | Yes | M | Met | Yes | |
| 4443 | Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification | Stated in LoC | Yes | M | Met | Yes | |
| 2461 | Neighbor Discovery for IP version 6 (IPv6) | Stated in LoC | Yes | M | Met | Yes | |
| 1981 | Path Maximum Transmission Unit Discovery for IPv6 | Stated in LoC | Yes | S | Met | Yes | |
| 2462 | IPv6 Stateless Address Auto configuration | Stated in LoC | Yes | M | Met | Yes | Note 1 |
| 3315 | DHCPv6 (Client) | Not Stated | Not Tested | M | Not Tested | No | Note 1 |
| 4291 | IPv6 Addressing Architecture | Stated in LoC | Yes | M | Met | Yes | |
| 4007 | IPv6 Scoped Address Architecture | Stated in LoC | Yes | M | Met | Yes | |
| 4193 | Unique Local IPv6 Unicast Addresses | Stated in LoC | Yes | M | Met | Yes | |
| 2710 | Multicast Listener Discovery (MLD) | Stated in LoC | Yes | M | Met | Yes | |
| 3810 | Multicast Listener Discovery Version 2 (MLDv2) for IPv6 | Not Stated | Not Tested | S | Not Tested | No | |
| 2464 | Transmission of IPv6 Packets over Ethernet Networks | Stated in LoC | Yes | CM | Met | Yes | |
| IPSec | | | | | | | |
| 4301 | Security Architecture for the Internet Protocol | Not Stated | Not Tested | S+ | Not Tested | No | |
| 4302 | IP Authentication Header | Not Stated | Not Tested | S | Not Tested | No | |
| 4303 | IP Encapsulating Security Payload (ESP) | Not Stated | Not Tested | S+ | Not Tested | No | |
| 4304 | Extended Sequence Number (ESN) Addendum to IPsec Domain of Interpretation (DOI) for Internet Security Association and Key Management Protocol (ISAKMP) | Not Stated | Not Tested | S | Not Tested | No | |
| 4305 | Cryptographic Algorithm Implementation Requirements for Encapsulating Security Payload (ESP) and Authentication Header (AH) | Not Stated | Not Tested | S+ | Not Tested | No | |
| 4869 | Suite B Cryptographic Suites for IPsec | Not Stated | Not Tested | S+ | Not Tested | No | |
| 4309 | Using Advanced Encryption Standard (AES) CCM Mode with IPsec Encapsulating Security Payload (ESP) | Not Stated | Not Tested | CS | Not Tested | No | |

Table 2-1. IPv6 Capability Requirements and Status (continued)

| Dell PowerConnect 3524 FE Layer-2 Switch Running the Marvell ROS-7.47 Software Package | | | | | | | |
|---|---|--------------------------|-------------------------|--------------------------|--------------------|--------------------|-----------------|
| RFC | RFC Title | Testing Completed | | Network Appliance | | Implemented | Comments |
| | | Conformance | Interoperability | Requirement | Met/Not Met | | |
| 3971 | Secure Neighbor Discovery | Not Stated | Not Tested | S | Not Tested | No | |
| 3972 | Cryptographically Generated Addresses | Not Stated | Not Tested | S | Not Tested | No | |
| 3041 | Privacy Extensions for Stateless Address Auto configuration in IPv6 | Not Stated | Not Tested | S | Not Tested | No | |
| 4306 | Internet Key Exchange (IKEv2) Protocol | Not Stated | Not Tested | S+ | Not Tested | No | |
| 4307 | Cryptographic Algorithms for Internet Key Exchange Version 2 (IKEv2) | Not Stated | Not Tested | S+ | Not Tested | No | |
| Transition Mechanisms | | | | | | | |
| 4213 | Transition Mechanisms for IPv6 Host and Routers | Stated in LoC | Yes | S | Met | Yes | |
| 2766 | Network Address Translation – Protocol Translation (NAT-PT) | Not Stated | Not Tested | SN | Not Tested | No | |
| 3053 | IPv6 Tunnel Broker | Not Stated | Not Tested | CS | Not Tested | No | |
| QoS | | | | | | | |
| 2474 | Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers | Not Stated | Not Tested | O | Not Tested | No | |
| 2205 | Resource ReSerVation Protocol (RSVP) – Version 1 Functional Specification | Not Stated | Not Tested | O | Not Tested | No | |
| 2207 | RSVP Extensions for IPSEC Data Flows | Not Stated | Not Tested | O | Not Tested | No | |
| 2210 | The Use of RSVP with IETF Integrated Services | Not Stated | Not Tested | O | Not Tested | No | |
| 2750 | RSVP Extensions for Policy Control | Not Stated | Not Tested | O | Not Tested | No | |
| 3175 | Aggregation of RSVP for IPv4 and IPv6 Reservations | Not Stated | Not Tested | O | Not Tested | No | |
| Mobility | | | | | | | |
| 3775 | Mobility Support in IPv6 | Not Stated | Not Tested | CS | Not Tested | No | |
| 4282 | The Network Address Identifier | Not Stated | Not Tested | CS | Not Tested | No | |
| 4283 | Mobile Node Identifier for Option for IPv6 | Not Stated | Not Tested | CS | Not Tested | No | |
| Bandwidth Limited Networks | | | | | | | |
| 3095 | Robust Header Compression (RoHC) | Not Stated | Not Tested | O | Not Tested | No | |
| 3241 | RoHC over PPP | Not Stated | Not Tested | O | Not Tested | No | |
| 3843 | RoHC: A Compression Profile for IP | Not Stated | Not Tested | O | Not Tested | No | |
| 4362 | RoHC: A Link-Layer Assisted Profile for IP/UDP/RTP | Not Stated | Not Tested | O | Not Tested | No | |
| 2507 | IP Header Compression | Not Stated | Not Tested | O | Not Tested | No | |
| 2508 | Compressing IP/UDP/RTP Headers for Low-Speed Serial Links | Not Stated | Not Tested | O | Not Tested | No | |

Table 2-1. IPv6 Capability Requirements and Status (continued)

| Dell PowerConnect 3524 FE Layer-2 Switch Running the Marvell ROS-7.47 Software Package | | | | | | | |
|---|---|-------------------|------------------|--------------------------------------|-------------|-------------|----------|
| RFC | RFC Title | Testing Completed | | Network Appliance | | Implemented | Comments |
| | | Conformance | Interoperability | Requirement | Met/Not Met | | |
| Host | | | | | | | |
| 3484 | Default Address Selection for IPv6 | Not Stated | Not Tested | S | Not Tested | No | |
| 3596 | DNS Extensions to Support IPv6 | Not Stated | Not Tested | S | Not Tested | No | |
| 3986 | Uniform Resource Identifier (URI): Generic Syntax | Not Stated | Not Tested | S | Not Tested | No | |
| LEGEND: | | | | | | | |
| CBC | Cipher Block Chaining | | M | Must | | | |
| CCM | CBC MAC Mode | | MAC | Message Authentication Code | | | |
| CM | Conditional Must | | O | Optional (May) | | | |
| CS | Conditional Should | | PPP | Point-to-Point Protocol | | | |
| DHCPv6 | Dynamic Host Configuration Protocol Version 6 | | QoS | Quality of Service | | | |
| DNS | Domain Name Service | | RFC | Request for Comment | | | |
| DoD | Department of Defense | | RoHC | Robust Header Compression | | | |
| FE | Fast Ethernet | | RSVP | Resource ReSerVation Protocol | | | |
| HTTP | Hypertext Transfer Protocol | | RTP | Real-Time Transport Protocol | | | |
| IETF | Internet Engineering Task Force | | S | Should | | | |
| IP | Internet Protocol | | S+ | Should+ | | | |
| IPSec | Internet Protocol Security | | SN | Should Not | | | |
| IPv4 | Internet Protocol Version 4 | | SLAAC | Stateless Address Auto-configuration | | | |
| IPv6 | Internet Protocol Version 6 | | UDP | User Datagram Protocol | | | |
| LoC | Letter of Conformance | | | | | | |
| NOTES: | | | | | | | |
| 1. The device must implement one of the automatic configuration mechanisms SLAAC or DHCPv6. | | | | | | | |
| 2. The terms Must, Conditional Must, Should, Should Plus, Conditional Should, Should Not, and Optional are used to reference specific required RFCs from the IETF, the DoD Information Technology Standards Registry, and the DoD IPv6 Generic Test Plan. | | | | | | | |

8. TEST NETWORK DESCRIPTION. The DUT was tested as part of the JITC simulated DISN IP Core Network managed by the Advanced IP Technology Capability, and configured as shown in Figure 2-2.

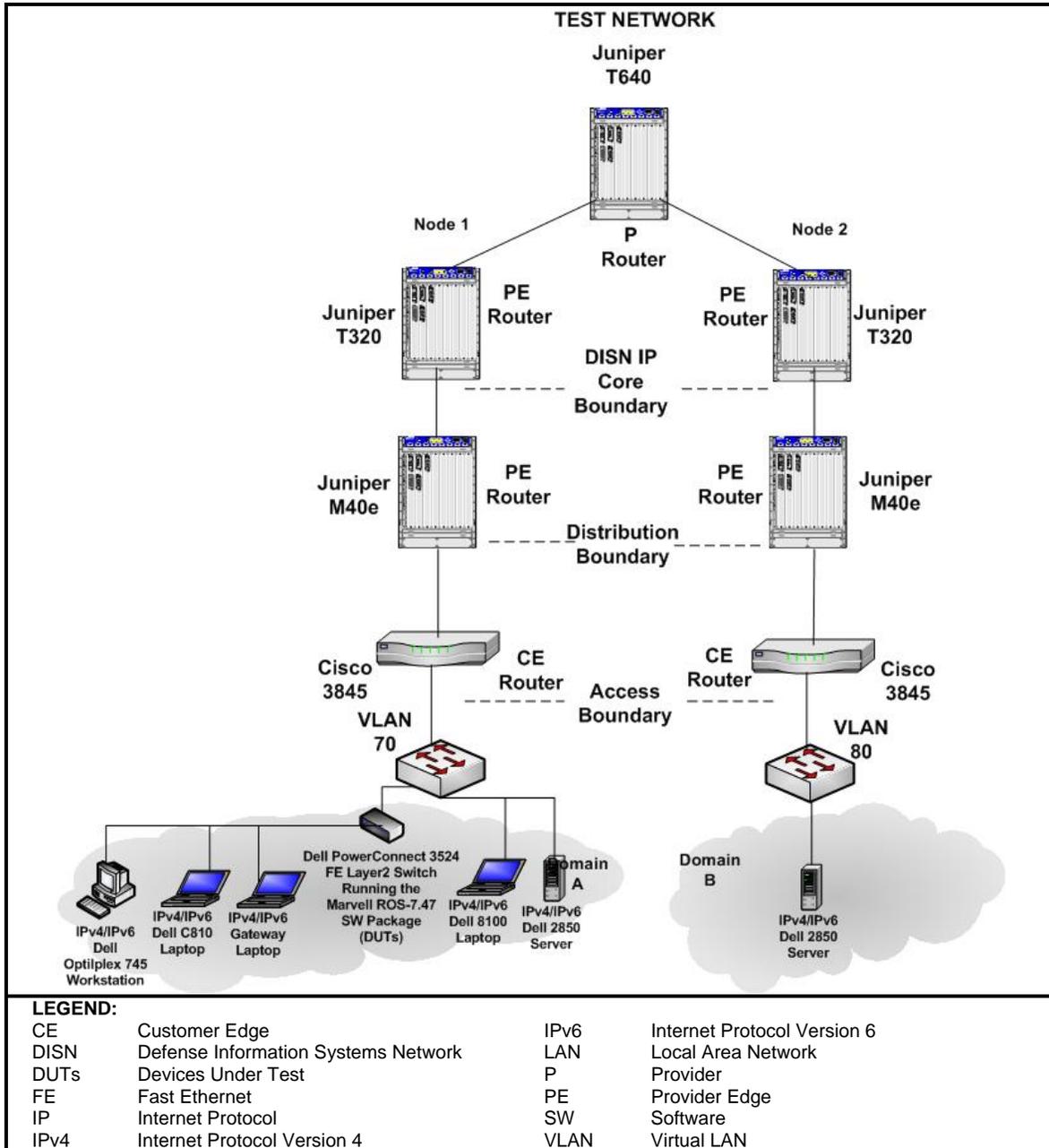


Figure 2-2. Test Network

9. DEVICE CONFIGURATIONS. Table 2-2 provides hardware and software components used in the test network.

Table 2-2. Test Configuration Hardware and Software

| Equipment Name | Model Number | IOS/OS/Version(s) |
|---|--|-----------------------------|
| Hardware | | |
| Dell PowerConnect 3524 Layer-2 Switch - DUT | Marvell Prestera-DX ASIC | Marvell ROS-7.47 |
| 2 Cisco Routers | Cisco 3845 | 12.4(11)T |
| 2 Juniper Routers | Juniper M40e | V 7.6R3.6 |
| 2 Juniper Routers | Juniper T320 | V 7.5R4.4 |
| Juniper Router | Juniper T640 | V 7.5R4.4 |
| 2-Dell Power Edge Servers | 2850 | MS Windows 2003 Server |
| Dell Notebook | Inspiron 8100 | MS Windows XP Professional |
| Dell Notebook | Latitude C810 | MS Windows XP Professional |
| Gateway Notebook | 450ROG | MS Windows XP Professional |
| Dell Workstation | Optiplex 745 | MS Windows Vista Business |
| Software | | |
| Marvell Software Package - DUT | N/A | ROS-7.47 |
| MS Windows XP Professional | N/A | Build 5.1.2600 SP3 |
| MS Windows Server 2003 | N/A | Build 5.2.3790 SP2 |
| MS Windows Vista Business | N/A | Build 6.0.6001 SP1 |
| SimpleTesterPro | N/A | V 11.0.1 |
| VLC Media Player | N/A | V 0.8.6i |
| Wireshark | N/A | V 1.0.3 (SVN Rev 26134) |
| LEGEND: | | |
| ASIC | Application-Specific Integrated Circuits | R Release |
| DUT | Device Under Test | Rev Revision |
| IOS | Internetworking Operating System | SP Service Pack |
| MS | Microsoft | SVN Software Version Number |
| N/A | Not Applicable | T New Technology |
| OS | Operating System | V Version |

10. TEST LIMITATIONS. None.

11. TEST RESULTS.

a. IPv6 Base.

Test Case C.1.1. The Request for Comments (RFC) 1981 Path Maximum Transmission Unit Discovery for IPv6 is necessary for proper IPv6 implementations. It acts as a mechanism to determine the maximum size of packets to traverse the network without fragmentation. The Dell PowerConnect 3524 FE Layer-2 switch with Marvell Prestera-DX ASIC running the Marvell ROS-7.47 software package met the test requirement.

Test Case C.1.2. The RFC 2460 IPv6 Specification is the base specification of the IPv6 protocol. It specifies a number of parameters that enable successful completion of IPv6 traffic addressing and control. The Dell PowerConnect 3524 FE Layer-2 switch with Marvell Prestera-DX ASIC running the Marvell ROS-7.47 software package met the test requirement.

Test Case C.1.3. The RFC 2461 Neighbor Discovery for IPv6 specifies the neighbor discovery function that is similar to address resolution protocol in IP Version 4 (IPv4). It is necessary for implementing neighbor solicitations and neighbor advertisements within IPv6. The Dell PowerConnect 3524 FE Layer-2 switch with Marvell Prestera-DX ASIC running the Marvell ROS-7.47 software package met the test requirement.

Test Case C.1.4. The RFC 2462 IPv6 Stateless Address Auto-configuration specifies how a host auto-configures its interfaces in IPv6. These steps include determining whether the source addressing should be stateless or stateful, whether the information obtained should be solely the address or include other information, and Duplicate Address Detection. The Dell PowerConnect 3524 FE Layer-2 switch with Marvell Prestera-DX ASIC running the Marvell ROS-7.47 software package met the test requirement.

Test Case C.1.5. The RFC 2464 Transmission of IPv6 Packets over Ethernet Networks specifies the frame format for transmission of IPv6 link-local addresses and statelessly auto-configured addresses on Ethernet networks. The Dell PowerConnect 3524 FE Layer-2 switch with Marvell Prestera-DX ASIC running the Marvell ROS-7.47 software package met the test requirement.

Test Case C.1.8. The RFC 2710 Multicast Listener Discovery (MLD) for IPv6 specifies the protocol used by an IPv6 router to discover the presence of multicast listeners (i.e., nodes wishing to receive multicast packets) on its directly attached links, and to discover specifically which multicast addresses are of interest to those neighboring nodes. The Dell PowerConnect 3524 FE Layer-2 switch with Marvell Prestera-DX ASIC running the Marvell ROS-7.47 software package met the test requirement.

Test Case C.1.11. The RFC 4007 IPv6 Scoped Address Architecture defines the nature and characteristics for the usage of IPv6 addresses of different scopes. The Dell PowerConnect 3524 FE Layer-2 switch with Marvell Prestera-DX ASIC running the Marvell ROS-7.47 software package met the test requirement.

Test Case C.1.12. The RFC 4193 Unique Local IPv6 Unicast Addresses defines globally unique local addresses. Local IPv6 unicast addressing is intended to be used for local communications and is not expected to be routed to the Internet. The Dell PowerConnect 3524 FE Layer-2 switch with Marvell Prestera-DX ASIC running the Marvell ROS-7.47 software package met the test requirement.

Test Case C.1.13. The RFC 4291 IPv6 Addressing Architecture defines the specifications for the addressing architecture of the IPv6 protocol. The definitions cover unicast addresses, anycast addresses, and multicast addresses. The Dell PowerConnect 3524 FE Layer-2 switch with Marvell Prestera-DX ASIC running the Marvell ROS-7.47 software package met the test requirement.

Test Case C.1.14. The RFC 4443 identifies Internet Control Message Protocol messages for the IPv6 protocol. It includes message format and identifies two types of messages: error and informational. The Dell PowerConnect 3524 FE Layer-2 switch with Marvell Prestera-DX ASIC running the Marvell ROS-7.47 software package met the test requirement.

b. Transition Mechanisms.

Test Case C.3.18. The RFC 4213 Transition Mechanisms for IPv6 Host and Routers specifies IPv4 co-existence mechanisms that can be implemented by IPv6 devices. The Dell PowerConnect 3524 FE Layer-2 switch with Marvell Prestera-DX ASIC running the Marvell ROS-7.47 software package met the test requirement.

c. Conclusion. The Dell PowerConnect 3524 FE Layer-2 switch with Marvell Prestera-DX ASIC running the Marvell ROS-7.47 software package met all the required RFCs.

12. TEST AND ANALYSIS REPORT. No detailed test report was written in accordance with guidance from the Assistant Secretary of Defense (Networks & Information Integration). All test data is maintained in the Advanced IP Technology Capability and is available upon request. This certification is available on the Joint Interoperability Tool (JIT). The JIT homepage is <http://jit.fhu.disa.mil> (NIPRNet), or <http://199.208.204.125/> (SIPRNet). The JIT has links to JITC interoperability documents to provide the DoD community, including the warfighter in the field, easy access to the latest interoperability information. System interoperability status information is available via the JITC System Tracking Program (STP). The STP is accessible by .mil/.gov users on the NIPRNet at: <https://stp.fhu.disa.mil/>.