

January 13th, 2009

Mr. Frank Troy
Joint Interoperability Test Command
Ft. Huachuca, Arizona

Dear Mr. Troy:

The Flexible Service Processor (FSP) is used for system control and platform management of IBM Power Systems. In particular, it performs tasks such as diagnostics, initialization, configuration, run-time error detection, and correction. FSP is based on Linux kernel version 2.6.5 using Busybox to provide base utilities.

To the best of our knowledge, FSP with firmware level eFW 3.4 (GA7) meets the compliance requirements for the Network Appliance profile, as specified in the DoD IPv6 Standard Profiles for IPv6 Capable Products, Version 2.0 and draft Version 2.2.

Certification of FSP applies to the following members of the IBM Power 6 family:

Machine Type	Model (System Name)
8203-E4A	IBM Power 520 Express
9407-M15	IBM Power 520 Express
9408-M25	IBM Power 520 Express
8204-E8A	IBM Power 550 Express
9409-M50	IBM Power 550 Express
8234-EMA	IBM Power 560 Express
9117-MMA	IBM Power 570
9406-MMA	IBM Power 570
9125-F2A	IBM Power 575
9119-FHA	IBM Power 595

The specific compliance requirements met by FSP eFW 3.4 (GA7) are presented below. This is based on the checklist from Appendix F of the DoD IPv6 Generic Test Plan, Version 3, as required by the JITC IPv6 Interoperability Certification Process, Version 1.5.

Network Appliance Requirements

Base Requirements

- RFC 2460 Internet Protocol v6 (IPv6) Specification
- RFC 5095 Depreciation of Type 0 Routing Headers in IP
- RFC 4443 Internet Control Message Protocol (ICMPv6)
- RFC 4861 Neighbor Discovery for IPv6
- RFC 1981 Path MTU Discovery for IPv6

Address Architecture

- RFC 4291 IP Version 6 Addressing Architecture
- RFC 4007 IPv6 Scoped Address Architecture

Multicast Listener Discovery

- RFC 2710 Multicast Listener Discovery (MLD) for IPv6
- RFC 3810 MLDv2 for IPv6

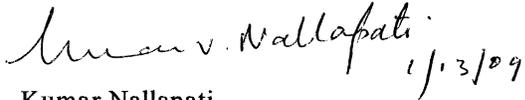
Connection Technologies (Required support for at least one)

- RFC 2464 Transmission of IPv6 Packets over Ethernet Networks

Automatic Configuration

- RFC 4862 IPv6 Stateless Address Auto-configuration
- RFC 3315 Dynamic Host Configuration Protocol for IPv6 (DHCPv6)

Sincerely,

 1/13/09

Kumar Nallapati
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IBM Systems & Technology Group