

IPV6 Transition

Authoritative Source

- CIO Directive - January 21, 2005
- VA IPV6 Transition Plan - November 2006

Stakeholders

- All VHA Managers and Employees
- VA CIO, Staff Offices and Administrations

Related Segment Architectures

- “Proposed” Information Management Services

Requirement Description

This Project will transform VA's IP data networking assets into an IPV6-ready posture by September 2008; at that time, VA will be able to respond to IPV6 as well as IPV4 traffic in a dual-stack or combined-stack configuration until 2025 at which time the IPV4 capability will be dropped.

IPV6 provides needed worldwide IP-address-space augmentation, enhanced network authentication, non-repudiation, and security capabilities. IPV6 may also provide additional application-to-user functionality with applications in homebound health care.

Recommended Solution

At milestone-0, Solutions have not been developed or proposed.

Performance Measures

Enterprise Impact

The project will provide a major advance in VA's data networking capability, and will contribute to the Target Architecture End-State. IPV6 may support the level of authentication and non-repudiation necessary to meet all requirements for telemedicine support to homebound veterans. Initial pass-through capability must be deployed by September 2008.

Project Status

Project will be funded through the Omnibus Infrastructure Budget Request for BY-2008.

Project currently at Milestone-0.