



Course 749: IPv6 Overview for Managers & Executives (2 hours)

Course Description...

IPv6 is an evolutionary upgrade to the Internet Protocol. IPv6 is designed to allow the Internet to grow steadily, both in terms of the number of hosts connected and the total amount of data traffic transmitted.

What marketplace drivers are making IPv6 huge in Europe and bringing pressure on US corporations to move to it? To start, the US Government recently mandated its usage. This seminar provides an understanding of why the new protocol is important to US businesses, how it will change networking infrastructure, and discusses the migration paths being used to move from IPv4 to IPv6.

Who should attend...

- ◆ Business Planners
- ◆ Senior Management
- ◆ Sales Managers and Sales Teams
- ◆ Program Managers
- ◆ Anyone looking to learn how IPv6 will impact their business.

Course Outline...

The Need for IPv6

- ◆ Addressing with NAT
- ◆ New Requirements!

New Features

- ◆ Addresses
- ◆ Autoconfiguration
- ◆ Security
- ◆ Quality of Service
- ◆ Mobile Addresses
- ◆ Performance

Infrastructure Changes

- ◆ DNS and DHCP
- ◆ Web Servers
- ◆ Browsers
- ◆ SANs and NAS

Migration

- ◆ IPv4 and IPv6 co-existence
- ◆ Migration of Applications
- ◆ Migration of Platforms

Current Status

- ◆ Availability in Operating Systems
- ◆ Availability in Routers
- ◆ Applications Already Moved

Looking into Future

- ◆ When must we be address independent
- ◆ Outside the USA