

## Cisco CCNA (200-301)

### Episode Title: Configuring IPv6 Addresses

Learner Objective: Configure IPv6 addresses on cisco devices

Description: The configuration and verification of IPv6 addresses on cisco devices is important. You will learn how to configure them a couple of routers and how to verify them using show commands.

**Q: Can you show us how to configure IPv6 addresses on router interface?**

- Demonstration.

**\*\*Q: Can I configure both IPv4 and IPv6 addresses on the same interface? \*\***

Yes, Demonstration.

**\*\*Q: How do we verify the IPv6 addresses on the interfaces? \*\***

```
enable
configure terminal
ipv6 unicast-routing
interface fastethernet 0/0
ipv6 address 2001:C0:A8:A:0000:0000:0000:A/64
ipv6 enable
no shutdown
```

- show ipv6 interface brief

### Endnotes, External and etc.,

- Objective: 1.8 Configure and verify IPv6 addressing and prefix
- Exam 200-301 objectives
- Practice Labs