

# Lab Configuring Ipv6 Static And Default Routes

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[Lab Configuring Ipv6 Static And](#)

Background / Scenario In this lab, you will configure the entire network to communicate using only IPv6 addressing, including configuring and PCs. You will use stateless address auto-configuration (SLAAC) for configuring the IPv6 addresses for the hosts.

[2.2.4.5 Lab - Configuring IPv6 Static and Default Routes - ILM](#)

Note: In this lab you will configure static, default, and floating default routes for both IPv4 and IPv6 which may not reflect networking Note: The routers used with CCNA hands-on labs are Cisco 4221 with Cisco IOS XE Release 16.9.4 (universalk9 image).

[15.6.2 Lab - Configure IPv4 and IPv6 Static and Default ...](#)

? Enable IPv6 unicast routing and configure IPv6 addressing on the routers. ? Disable IPv4 addressing and enable IPv6 SLAAC for the PC interfaces. ? Use ipconfig and ping to verify LAN connectivity. ? Use show commands to verify IPv6 settings. Part 2: Configure IPv6 Static Routes

[Lab Configuring IPv6 Static and Default Routes](#)

CCNA Routing and Switching - Routing and Switching Essentials 6.0 - 2.2.4.5 Lab - Configuring IPv6 Static and Default Routes CCNA Routing and Switching - Rout...

[2.2.4.5 - 6.2.4.5 Lab - Configuring IPv6 Static and ...](#)

Online Library Lab Configuring Ipv6 Static And Default Routes is explained in detail to help reinforce a concept and topic. Tech Notes provide deployment options or enhancements and provide additional practical implementation tips. Initial and Final configuration files that can be

## Access Free Lab Configuring Ipv6 Static And Default Routes

pasted onto lab devices for

### [Lab Configuring Ipv6 Static And Default Routes](#)

In this lab, you will configure the entire network to communicate using only IPv6 addressing, including configuring the routers and PCs. Stateless address auto-configuration (SLAAC) for configuring the IPv6 addresses for the hosts. You will also configure IPv6 static and default routes on the routers to

### [Lab – Configuring IPv6 Static and Default Routes \(Instructor](#)

15.6.2 Lab – Configure IPv4 and IPv6 Static and Default Routes Answers Lab – Configure IPv4 and IPv6 Static and Default Routes (Answers) Answers Note: Red font color or gray highlights indicate text that appears in the Answers copy only. Topology Addressing Table Device Address / Prefix R1 G0/0/0 172.16.1.1 /24 R1 [...]Continue reading...

### [15.6.2 Lab – Configure IPv4 and IPv6 Static and Default ...](#)

7.2.5.4 Lab – Configuring IPv6 Addresses on Network Devices Answers Lab – Configuring IPv6 Addresses on Network Devices (Answers) Answers Note: Red font color or gray highlights indicate text that appears in the instructor copy only. Topology Addressing Table Device Address Prefix Length Default Gateway R1 G0/0 2001:DB8:ACAD:A::1 64 N/A G0/1 2001:DB8:ACAD:1::1 ...

### [7.2.5.4 Lab – Configuring IPv6 Addresses on Network ...](#)

Background / Scenario In this lab, you will configure hosts and device interfaces with IPv6 addresses. You will issue show commands to verify unicast addresses. You will also verify end-to-end connectivity using ping and traceroute commands.

### [12.9.2 Lab - Configure IPv6 Addresses on Network Devices ...](#)

Part 2: Configure Devices and Verify Connectivity. Assign static IPv4 and IPv6 information to the PC interfaces. Configure basic router settings. Configure the router for SSH. Verify network connectivity. Part 3: Display Router Information. Retrieve hardware and software information from the router. Interpret the output from the startup ...

### [1.6.2 Lab – Configure Basic Router Settings Answers ...](#)

16.3.2 Lab – Troubleshoot IPv4 and IPv6 Static and Default Routes Answers Lab – Troubleshoot IPv4 and IPv6 Static and Default Routes

## Access Free Lab Configuring Ipv6 Static And Default Routes

Version) Answers Note : Red font color or gray highlights indicate text that appears in the Answers copy only.

### [16.3.2 Lab – Troubleshoot IPv4 and IPv6 Static and Default ...](#)

In this activity, you will configure IPv4 and IPv6 default static and floating static routes. Note: The static routing approach that is used is used to assess your ability to configure different types of static routes only. This approach may not reflect networking best practices.

### [15.6.1 Packet Tracer – Configure IPv4 and IPv6 Static and ...](#)

Lab – Configuring IPv6 Static and Default Routes Configure a default IPv6 static route. Background / Scenario In this lab, you will configure the entire network to communicate using only IPv6 addressing, including configuring the routers and PCs. You will use stateless address auto-configuration (SLAAC) for configuring the IPv6 addresses for the hosts.

### [6.2.4.5 Lab - Configuring IPv6 Static and Default Routes ...](#)

2.2.4.4 Packet Tracer – Configuring IPv6 Static and Default Routes Packet Tracer – Configuring IPv6 Static and Default Routes (Answer Key) Answer Note: Red font color or Gray highlights indicate text that appears in the Answer copy only. IPv6 Addressing Table Device Interface Address/Prefix Default Gateway R1 G0/0 2001:DB8:1:1::1/64 N/A S0/0/0 2001:DB8:1:A001::1/64 N/A R2 ...

### [2.2.4.4 Packet Tracer – Configuring IPv6 Static and ...](#)

CCNA Routing and Switching: Routing and Switching - 2.2.2.5 Lab - Configuring IPv4 Static and Default Routes.

### [2.2.2.5 Lab - Configuring IPv4 Static and Default Routes ...](#)

Learn to configure IPv6 static routing. This is IPv6 static routing configuration lab in Cisco Packet Tracer. This is an IPv6 static routing exercise showing IPv6 routing configuration using two routers R1 and R2. Learn to configure Static Routes for IPv6. So this is a Packet Tracer Lab focussed on configuring Static Routes...

### [Ipv6 static routing configuration lab- cisco packet tracer ...](#)

2.2.4.4 Packet Tracer – Configuring IPv6 Static and Default Routes Packet Tracer – Configuring IPv6 Static and Default Routes (Answer Key) Answer Note: Red font color or Gray highlights indicate text that appears in the Answer copy only. IPv6 Addressing Table Device Interface Address/Prefix Default Gateway R1 G0/0 2001:DB8:1:1::1/64 N/A S0/0/0 2001:DB8:1:A001::1/64 N/A R2 ...

### [2.2.4.4 Packet Tracer – Configuring IPv6 Static and ...](#)

Nov 24, 2017 - CCNA RSE Lab: 2.2.4.5 Configuring IPv6 Static and Default Routes Topology Addressing Table Device Interface IPv6 Address Length Default Gateway R1 G0/1 2001:DB8:ACAD:A::/64 eui-64 N/A S0/O/1 FC00::1/64 N/A R3 G0/1 2001:DB8:ACAD:B::/64 eui-64 N/A FC00::2/64 N/A PC-A NIC SLAAC SLAAC PC-C NIC SLAAC SLAAC Objectives Part 1: Build the Network and Configure Basic [...]

### [CCNA RSE Lab: 2.2.4.5 Configuring IPv6 Static and Default ...](#)

IPv6 static routing is much like IPv4 static routing so if you need to review IPv4 static routing then take a look back at Lab 6-1 – Configuring IPv4 Static Routing. Unlike IPv4 static routing, with IPv6 you have the ability to use either the global unicast address or link-local address as the next hop in a static route statement.

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