



# Node Route Processor—Service Selection Gateway Enhancements III

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This feature module describes further enhancements to the Node Route Processor—Service Selection Gateway (NRP-SSG) feature. It includes information on the benefits of the enhancements, supported platforms, related documents, and configuration.

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## Feature Overview

The enhancements described in this document are included in Cisco IOS Release 12.1(1) DC1. The NRP-SSG feature was first released in Cisco IOS Release 12.0(3) DC, and enhancements were added in Cisco IOS Releases 12.0(5) DC and 12.0(7) DC.

The NRP-SSG is a switching solution for service providers who offer intranet, extranet, and Internet connections to subscribers using high-speed data circuit equipment (DCE) such as asymmetric digital subscriber line (ADSL) to allow simultaneous access to network services. The NRP-SSG with Web Selection works in conjunction with the Cisco Service Selection Dashboard (SSD), an open source web-based server application that allows users to select from multiple passthrough and proxy services through a standard web browser.

## Benefits

### Local Forwarding

A new command enables NRP-SSG to forward packets locally.

## Related Documents

- *Cisco 6400 Software Configuration Guide and Command Reference*
- *Node Route Processor—Service Selection Gateway* feature module
- *Node Route Processor—Service Selection Gateway Enhancements* feature module
- *Node Route Processor—Service Selection Gateway Enhancements II* feature module
- *Cisco Service Selection Dashboard 2.1 User Guide*

## Supported Platforms

Node Route Processor—Service Selection Gateway Enhancements III are supported on the Cisco 6400 node route processor (NRP).

## Supported Standards, MIBs, and RFCs

### Standards

None

### MIBs

None

### RFCs

No new or modified RFCs are supported by these feature enhancements.

## Configuring Local Forwarding

To enable NRP-SSG to forward packets locally, enter the following command in global configuration mode:

Command	Purpose
Router(config)# <b>ssg local-forwarding</b>	Enables local forwarding.

## Verifying Local Forwarding

To verify that you enabled local forwarding, use the **show running-config EXEC** command.

## Configuration Example

In the following configuration, local forwarding is enabled:

```
!  
ssg enable  
→ ssg local-forwarding  
!
```

## Command Reference

This section documents one new command. All other commands used with this feature are documented in the Cisco IOS Release 12.1 command reference publications and Cisco 6400 feature modules.

- **ssg local-forwarding**

## ssg local-forwarding

To enable NRP-SSG to forward packets locally, use the **ssg local-forwarding** global configuration command. To disable local forwarding, use the **no** form of the command.

**ssg local-forwarding**

**no ssg local-forwarding**

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**Syntax Description** This command has no arguments or keywords.

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**Defaults** Disabled

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**Command Modes** Global configuration

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Command History	Release	Modification
	12.1(1) DC1	This command was introduced on the Cisco 6400 NRP.

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**Examples** The following example enables local forwarding.

```
Router(config)# ssg local-forwarding
```