



## Q&A

# Configuring Router to Run Cisco Router and Security Device Manager (SDM)

This document lists steps to run SDM on a non-factory default configuration Cisco router.

**Step 1.** a) Connect to your router using Telnet, SSH or via console.

b) Enter the global configuration mode using the command:

```
Router(config)#enable
```

**Step 2.** Enable the router's HTTP/HTTPS server, using the following IOS commands.

If http/https is enabled and configured to use non standard port numbers, you can skip this step and simply use the port number configured already.

```
Router(config)# ip http server
```

```
Router(config)# ip http secure-server
```

```
Router(config)# ip http authentication local
```

**Note:** HTTPS is enabled only for crypto enabled IOS images.

**Step 3.** Create a user with privilege level 15.

```
Router(config)# username <username> privilege 15 password 0 <password>
```

**Note:** Replace <username> and <password> with the username and password that you want to configure.

**Step 4.** Configure SSH and Telnet for local login and privilege level 15:

```
Router(config)# line vty 0 4
```

```
Router(config-line)# privilege level 15
```

```
Router(config-line)# login local
```

```
Router(config-line)# transport input telnet
```

```
Router(config-line)# transport input telnet ssh
```

```
Router(config-line)# exit
```

**Step 5.** (Optional) Enable local logging to support the log monitoring function:

```
Router(config)# logging buffered 51200 warning
```

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