

Telnet Password on Cisco Router to Avoid Error Message Configuration Example

Document ID: 46960

Introduction

Prerequisites

Requirements

Components Used

Conventions

Background Information

Configure

Configurations

Verify

Troubleshoot

Networking Professionals Connection **Featured Conversations**

Related Information

Introduction

This document provides a sample configuration for how to configure a Telnet password on a Cisco router, which allows IP devices access to the router. Without a Telnet password configured, you receive the `Password required, but none set` error message.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

This document is not restricted to specific software and hardware versions.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

Refer to Cisco Technical Tips Conventions for more information on document conventions.

Background Information

If you try to telnet to a router that does not have a Telnet password configured, you receive this error message:

```
Router-1#telnet 10.3.3.1
```

```
Trying 10.3.3.1 ... Open
```

```
Password required, but none set
```

```
[Connection to 10.3.3.1 closed by foreign host]
```

Configure

In this section, you are presented with the information to configure a Telnet password.

Note: Use the Command Lookup Tool (registered customers only) to obtain more information on the commands used in this section.

Configurations

This document uses the Router-2 configuration.

In order to set up the router to allow Telnet access, issue the **line vty** command. This command allows for the configuration of Virtual Terminal (VTY) lines for remote console access. You can configure the router to accept one or more Telnet sessions. It is strongly suggested that you configure password checking with the **login** and **password** line configuration commands. This example configures the router to accept five sessions, with the password "letmein":

Router-2
Router-2(config)# line vty 0 4 Router-2(config-line)# login % Login disabled on line 66, until 'password' is set % Login disabled on line 67, until 'password' is set % Login disabled on line 68, until 'password' is set % Login disabled on line 69, until 'password' is set % Login disabled on line 70, until 'password' is set Router-2(config-line)# password letmein

Verify

In order to verify that the router is correctly configured for Telnet, issue the **show running-config** command.

```
Router-2#show running-config  
Building configuration...  
hostname Router-2  
.  
.  
line vty 0 4  
password letmein  
login  
.  
!  
end
```

You should now be able to telnet to the router.

```
Router-1#telnet  
10.3.3.1  
Trying  
10.3.3.1 ... Open
```

```
User
Access Verification
Password:
letmein
Router-2#
```

Troubleshoot

There is currently no specific troubleshooting information available for this configuration.

Networking Professionals Connection Featured Conversations

Networking Professionals Connection is a forum for networking professionals to share questions, suggestions, and information about networking solutions, products, and technologies. The featured links are some of the most recent conversations available in this technology.

NetPro Discussion Forums – Featured Conversations for Router and IOS Architecture
Network Infrastructure: LAN Routing and Switching
Network Infrastructure: WAN Routing and Switching

Related Information

- [Technical Support & Documentation – Cisco Systems](#)
-

All contents are Copyright © 2006–2007 Cisco Systems, Inc. All rights reserved. Important Notices and Privacy Statement.

Updated: Jul 13, 2007

Document ID: 46960
