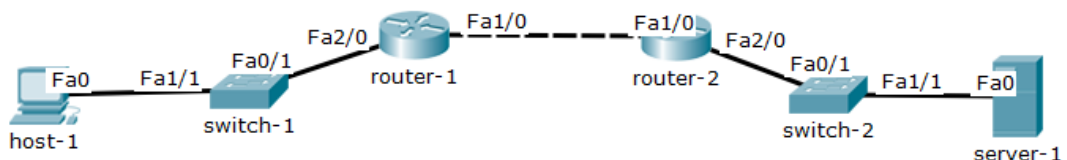


# Password Recovery

## Lab Summary

Perform password recovery on a router where a new password was configured by a contractor and unknown to technical support staff.

**Figure 1** Lab Topology



## Lab Configuration

Start Packet Tracer File: **Password Recovery**

Click on the *router-1* icon and select the *CLI* folder. Hit the <enter> key for user mode prompt (>).

Step 1: Enter global configuration mode

```
router-1 > enable
Password: cisconet
router-1 >
```

Step 2: Select *Physical* folder and use right arrow key to shift right and toggle power switch off/on to restart router-1. Now go quickly to step 3.

Step 3: Select *CLI* folder and press <Ctrl> + <C> keys to start ROMmon mode.

Step 4: Modify the configuration register to prevent the startup configuration file from loading.

```
rommon 1 > confreg 0x2142
```

Step 5: Reboot router-1 with the following IOS command from ROMmon mode:

```
rommon 2 > reset
```

Step 6: Issue the following IOS command to load startup configuration to NVRAM.

```
Continue with configuration dialog? [yes/no] no
router-1 > enable
router-1# copy startup-config running-config
```

Step 7: Change the password to **ccnaexam** and save changes with the following IOS commands.

```
router-1# configure terminal  
router-1(config)# enable password ccnaexam  
router-1(config)# exit  
router-1# copy running-config startup-config
```

Step 8: Modify the configuration register with the following IOS command and restart router-1.

```
router-1# configure terminal  
router-1(config)# config-register 0x2102  
router-1(config)# end  
router-1# reload
```

Step 9: Sign-on with the new password to verify

```
router-1 > enable  
Password: ccnaexam
```