

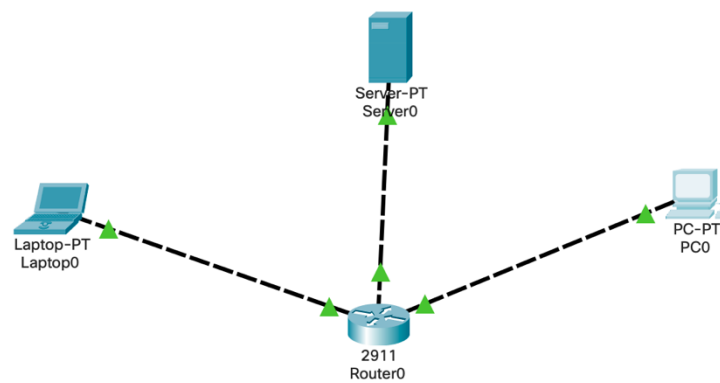
Lab 12-1-1: Configure Syslog Server

Lab Requirement

Packet Tracer

Lab Objective

Configure Syslog Server in packet tracer



Step1

```
Router( config)# interface fa0/ 0
```

```
Router( config)-if# ip add 192.168.30.1 255.255.255.0
```

```
Router( config-if)# no shutdown
```

Router(config)# interface fa0/ 1

Router(config)-if# ip add 192.168.1.100 255.255.255.0

Router(config-if)# no shutdown

Router(config)# interface fa0/ 2

Router(config)-if# ip add 192.168.20.100 255.255.255.0

Router(config-if)# no shutdown

```
Router#  
ICMP: echo reply rcvd, src 192.168.30.10, dst 192.168.30.1  
  
Router#show ip int brief  
Interface                IP-Address      OK? Method Status          Protocol  
GigabitEthernet0/0       192.168.30.1    YES manual up              up  
GigabitEthernet0/1       192.168.1.100   YES manual up              up  
GigabitEthernet0/2       192.168.20.110  YES manual up              up  
Vlan1                    unassigned      YES unset  administratively down down
```

Step2

Router(config)# logging host 192.168.30.10 <ip server>

Router(config)# logging trap debugging

Router# debug ip icmp

Router# ping 192.168.30.10

Next, move on to Syslog Server console, and examine the output. In the following figure you can see the sample output of the syslog server.

In the preceding output, you can see the logs collected by Syslog Server for Cisco router.

That's all you need to do to configure logging in Cisco IOS.

Server0

Physical

Config

Services

Desktop

Programming

Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

Syslog

Service

On

Off

	Time	HostName	Message
1	-	192.168.30.1	%SYS-5-CONFIG_I: ...
2	-	192.168.30.1	%SYS-6-LOGGINGHOST_STARTS...
3	-	192.168.30.1	ICMP: echo reply rcvd, s...
4	-	192.168.30.1	ICMP: echo reply rcvd, s...
5	-	192.168.30.1	ICMP: echo reply rcvd, s...
6	-	192.168.30.1	ICMP: echo reply rcvd, s...
7	-	192.168.30.1	ICMP: echo reply rcvd, s...

Clear Log

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