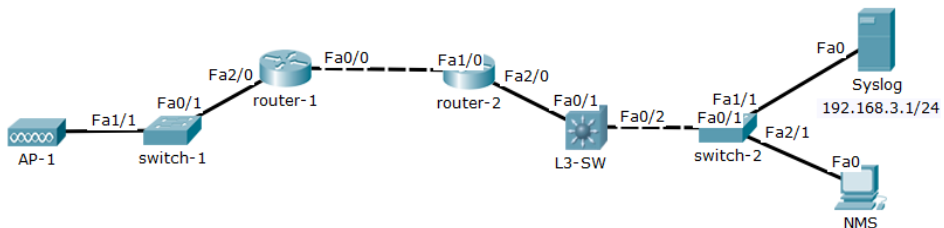# System Monitoring

Lab Summary

Configure SNMP community strings and message logging to a Syslog server.

Figure 1 Lab Topology

Lab Configuration

Start Packet Tracer File: **System Monitoring**

Step 1: Click *Switch-1* icon and select the *CLI* folder. Press <enter> key for user mode prompt.

Step 2: Enter global configuration mode.

> router-1> **enable**
> Password: **cisconet**
> router-1# **configure terminal**

Step 3: Configure SNMP community strings for authentication security.

> router-1(config)# **snmp-server community cisco ro**
> router-1(config)# **snmp-server community ccnaexam rw**

Step 4: Enable logging and send messages to Syslog server (192.168.3.1)

> router-1(config)# **logging on**
> router-1(config)# **logging host 192.168.3.1**

Step 5: Configure router-1 so that timestamps are added to all Syslog messages.

> router-1(config)# **service timestamps log datetime msec localtime**
> router-1(config)# **end**
> router-1# **copy running-config startup-config**

Step 6: Verify the initial device configuration is correct.

> router-1# **show running-config**