**THIẾT KẾ MẠNG**

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**BÀI** **LAB01\_TKM**

**Lab 6.7.1: Ping and Traceroute**

Diagram

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Router#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#interface Serial0/0/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial0/0/1

Router(config-if)#

Router(config)#interface Serial0/0/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface GigabitEthernet0/1

Router(config-if)#

Router(config)#interface GigabitEthernet0/0

Router(config-if)#

Graphical user interface, application

Description automatically generated

Router>enable

Router#

Router#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#interface GigabitEthernet0/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface GigabitEthernet0/1

Router(config-if)#

Router(config-if)#exit

Router(config)#interface GigabitEthernet0/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface GigabitEthernet0/1

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial0/0/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial0/0/1

Router(config-if)#

Router(config-if)#exit

Router(config)#router rip

Router(config-router)#

* Cấu hình Switch

Switch>enable

Switch#

Switch#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Switch(config)#interface FastEthernet0/1

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface FastEthernet0/2

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface FastEthernet0/3

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface FastEthernet0/5

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface FastEthernet0/7

Switch(config-if)#

**LAB – Testing Network Connectivity with Ping and Traceroute**

**Diagram

Description automatically generated**

**Graphical user interface, text, application

Description automatically generated**

isp>enable

isp#

isp#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

isp(config)#interface GigabitEthernet0/0

isp(config-if)#

isp(config-if)#exit

isp(config)#interface GigabitEthernet0/1

isp(config-if)#

isp(config-if)#exit

isp(config)#interface Serial0/0/0

isp(config-if)#

**Graphical user interface, text, application

Description automatically generated**

local>enable

local#

local#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

local(config)#interface GigabitEthernet0/0

local(config-if)#

local(config-if)#exit

local(config)#interface GigabitEthernet0/1

local(config-if)#

**Graphical user interface, text, application

Description automatically generated**

%LINK-5-CHANGED: Interface Serial0/0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/1, changed state to up

00:00:10: %OSPF-5-ADJCHG: Process 10, Nbr 10.2.2.2 on Serial0/0/1 from LOADING to FULL, Loading Done