





Router0



Physical

Config

CLI

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

FastEthernet0/0

Port Status

☒ On

Bandwidth

☐ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex

☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address

0002.4A25.23D4

IP Configuration

IP Address

10.0.0.1

Subnet Mask

255.0.0.0

Tx Ring Limit

10

PC0

PhysicalConfigDesktopCustom Interface

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Global

Display Name PC0

Gateway/DNS

☐ DHCP

☒ Static

Gateway 10.0.0.1

DNS Server 0.0.0.0

Gateway/DNS Ipv6

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Gateway

IPv6 DNS Server

PC1

PhysicalConfigDesktopCustom Interface

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Global S

Display Name PC1

Gateway/DNS

☐ DHCP

☒ Static

Gateway 10.0.0.1

DNS Server 0.0.0.0

Gateway/DNS Ipv6

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Gateway

IPv6 DNS Server

PC2

PhysicalConfigDesktopCustom Interface

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Global S

Display Name PC2

Gateway/DNS

☐ DHCP

☒ Static

Gateway 20.0.0.1

DNS Server 0.0.0.0

Gateway/DNS Ipv6

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Gateway

IPv6 DNS Server

PC3

PhysicalConfigDesktopCustom Interface

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Global Settings

Display Name PC3

Gateway/DNS

☐ DHCP

☒ Static

Gateway 20.0.0.1

DNS Server 0.0.0.0

Gateway/DNS Ipv6

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Gateway

IPv6 DNS Server

Physical

Config

CLI

GLOBAL

Settings

Algorithm Settings

SWITCH

VLAN Database

INTERFACE

FastEthernet0/1

FastEthernet0/2

FastEthernet0/3

FastEthernet0/4

FastEthernet0/5

FastEthernet0/6

FastEthernet0/7

FastEthernet0/8

FastEthernet0/9

FastEthernet0/10

FastEthernet0/5

Port Status

☒ On

Bandwidth

☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex

☐ Half Duplex ☒ Full Duplex ☒ Auto

Trunk ▼

VLAN

1-1005 ▼

Tx Ring Limit

10

GLOBAL

Settings

Algorithm Settings

SWITCH

VLAN Database

INTERFACE

FastEthernet0/1

FastEthernet0/2

FastEthernet0/3

FastEthernet0/4

FastEthernet0/5

FastEthernet0/6

FastEthernet0/7

FastEthernet0/8

FastEthernet0/9

FastEthernet0/10

VLAN Configuration

VLAN Number

VLAN Name

Add

Remove

VLAN No

VLAN Name

1	default
2	vlan
1002	fddi-default
1003	token-ring-default
1004	fddinet-default
1005	trnet-default



Router0



Physical

Config

CLI

IOS Command Line Interface

```
Router>enable
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface Fa0/0\
      ^
% Invalid input detected at '^' marker.

Router(config)#interface Fa0/0
Router(config-if)#ip address Fa0/0
      ^
% Invalid input detected at '^' marker.

Router(config-if)#ip address 10.0.0.1 255.0.0.0
Router(config-if)#no shutdown
Router(config-if)#exit
Router(config)#interface Fa0/0.1
Router(config-subif)#encapsulation dot1q
% Incomplete command.
Router(config-subif)#encapsulation dot1q 2
Router(config-subif)#ip address 20.0.0.1 255.0.0.0
Router(config-subif)#no shutdown
Router(config-subif)#exit
Router(config)#
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
```

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