

IP ADDRESS TABLE

Device	Interfac	IPV4	Subnet	Default
	е	Address	Mask	Gatewa
				у
	F0/0	192.168.16.1/22	255.255.252.0	
Saint Denis	S3/0	192.168.25.45/30	255.255.255.252	X
	S6/0	192.168.25.41/30	255.255.255.252	
	S3/0	192.168.25.33/30	255.255.255.252	
Rhodes	F0/0	192.168.20.1/23	255.255.254.0	V
	S2/0	192.168.25.42/30	255.255.255.252	X
	S3/0	192.168.25.53/30	255.255.225.252	
	F0/0	192.168.22.1/24	255.255.255.0	
Limpany	S2/0	192.168.25.46/30	255.255.255.252	X
	S3/0	192.168.25.54/30	255.255.255.252	
Strawberry	F0/0	192.168.23.1/24	255.255.255.0	
	S3/0	192.168.25.37/30	255.255.255.252	X
	S2/0	192.168.25.49/30	255.255.255.252	

Valentine	F0/0	192.168.24.1/24	255.255.255.0	X
	S2/0	192.168.25.38/3 0	255.255.255.252	
Annesburg	F0/0	192.168.25.1/27	255.255.255.224	
	S3/0	192.168.25.34/3 0	255.255.255.252	x
	S2/0	192.168.25.50/3 0	255.255.255.252	

Printer0	F0/0	192.168.20.2/23	255.255.254.0	192.168.20.1/23
PC2	F0/0	192.168.20.3/23	255.255.254.0	192.168.20.1/23
Rhodes Email	F0/0	192.168.20.4/23	255.255.254.0	192.168.20.1/23
Printer1	F0/0	192.168.16.2/22	255.255.252.0	192.168.16.1/22
PC3	F0/0	192.168.16.3/22	255.255.252.0	192.168.16.1/22
Saint Denis Email	F0/0	192.168.16.4/22	255.255.252.0	192.168.16.1/22
Strawberry web server	F0/0	192.168.23.4/24	255.255.255.0	192.168.23.1/24
Strawberry DNS	F0/0	192.168.23.3/24	255.255.252.0	192.168.23.1/24

Limpany Web	F0/0	192.168.22.4/24	255.255.252.0	192.168.22.1/24
Limpany DNS	F0/0	192.168.22.3/24	255.255.252.0	192.168.22.1/24
Limpany DHCP	F0/0	192.168.22.2/24	255.255.255.0	192.168.22.1/24
Strawberry DHCP	F0/0	192.168.23.2/24	255.255.255.0	192.168.23.1/24
Valentine DHCP	F0/0	192.168.24.2/24	255.255.255.0	192.168.24.1/24
Annesburg DHCP	F0/0	192.168.25.2/27	255.255.255.224	192.168.25.1/27

Router Configuration

Rhodes

Router>

Router>en

Router#config t

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

Router(config)#hostname Rhodes

Rhodes(config)#int f0/0

Rhodes(config-if)#ip address 192.168.20.1 255.255.254.0

Rhodes(config-if)#no shut

Rhodes(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Rhodes(config-if)#int s2/0

Rhodes(config-if)#ip address 192.168.25.42 255.255.252

Rhodes(config-if)#no shut

%LINK-5-CHANGED: Interface Serial2/0, changed state to down

Rhodes(config)#int s3/0

Rhodes(config-if)#ip address 192.168.25.53 255.255.255.252

Rhodes(config-if)#no shut

%LINK-5-CHANGED: Interface Serial3/0, changed state to down

Rhodes(config-if)#exit

Rhodes(config)#exit

Rhodes#

%SYS-5-CONFIG_I: Configured from console by console

Rhodes#copy run start

Destination filename [startup-config]?

Building configuration...

[OK]

Saint Danis

Router>en

Router#config t

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

Router(config)#hostname Saint_Danis

Saint Danis(config)#int f0/0

Saint_Danis(config-if)#ip address 192.168.16.1 255.255.252.0

Saint_Danis(config-if)#no shut

Saint_Danis(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Saint_Danis(config-if)#int s6/0

Saint_Danis(config-if)#ip address 192.168.25.41 255.255.255.252

Saint_Danis(config-if)#no shut

Saint_Danis(config-if)#

%LINK-5-CHANGED: Interface Serial6/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial6/0, changed state to up

Saint_Danis(config-if)#int s3/0

Saint_Danis(config-if)#ip address 192.168.25.33 255.255.252

Saint_Danis(config-if)#no shut

%LINK-5-CHANGED: Interface Serial3/0, changed state to down

Saint_Danis(config-if)#int s2/0

Saint_Danis(config-if)#ip address 192.168.25.45 255.255.255.252

Saint_Danis(config-if)#no shut

%LINK-5-CHANGED: Interface Serial2/0, changed state to down

Saint_Danis(config-if)#exit

Saint_Danis(config)#exit

Saint_Danis#

%SYS-5-CONFIG_I: Configured from console by console

Saint_Danis#copy run start

Destination filename [startup-config]?

Building configuration...

[OK]

Limpany

Router>en

Router#config t

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

Router(config)#hostname Limpany

Limpany(config)#int f0/0

Limpany(config-if)#ip address 192.168.22.1 255.255.255.0

Limpany(config-if)#no shut

Limpany(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Limpany(config-if)#int s2/0

Limpany(config-if)#ip address 192.168.25.46 255.255.255.252

Limpany(config-if)#no shut

Limpany(config-if)#

%LINK-5-CHANGED: Interface Serial2/0, changed state to up

Limpany(config)#int s3/0

Limpany(config-if)#ip address 192.168.25.54 255.255.255.252

Limpany(config-if)#no shut

Limpany(config-if)#exit

Limpany(config)#exit

Limpany#

%SYS-5-CONFIG_I: Configured from console by console

Limpany#

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up

c

% Ambiguous command: "c"

Limpany#copy run start

Destination filename [startup-config]?

Building configuration...

[OK]

Annesburg

Router>en

Router#config t

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

Router(config)#hostname Annesburg

Annesburg(config)#int f0/0

Annesburg(config-if)#ip address 192.168.25.1 255.255.255.224

Annesburg(config-if)#no shut

Annesburg(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Annesburg(config-if)#int s3/0

Annesburg(config-if)#ip address 192.168.25.34 255.255.255.252

Annesburg(config-if)#no shut

Annesburg(config-if)#

%LINK-5-CHANGED: Interface Serial3/0, changed state to up

Annesburg(config-if)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial3/0, changed state to up

Annesburg(config-if)#int s2/0

Annesburg(config-if)#ip address 192.168.25.50 255.255.255.252

Annesburg(config-if)#no shut

%LINK-5-CHANGED: Interface Serial2/0, changed state to down

Annesburg(config-if)#exit

Annesburg(config)#exit

Annesburg#

%SYS-5-CONFIG_I: Configured from console by console

Annesburg#copy run start

Destination filename [startup-config]?

Building configuration...

[OK]

Annesburg#

Strawberry

Router>en

Router#config t

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

Router(config)#hostname Strawberry

Router(config)#int f0/0

Router(config-if)#ip address 192.168.23.1 255.255.255.0

Router(config-if)#no shut

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#int s2/0

Router(config-if)#ip address 192.168.25.49 255.255.255.252

Router(config-if)#no shut

Router(config-if)#

%LINK-5-CHANGED: Interface Serial2/0, changed state to up

Router(config-if)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up

Router(config-if)#int s3/0

Router(config-if)#ip address 192.168.25.37 255.255.255.252

Router(config-if)#no shut

%LINK-5-CHANGED: Interface Serial3/0, changed state to down

Router(config-if)#exit Router(config)#exit

Router#

%SYS-5-CONFIG_I: Configured from console by console

Router#copy run start

Destination filename [startup-config]?

Building configuration...

[OK]

Router#

Valentine

Router>en

Router#config t

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

Router(config)#hostname Valentine

Valentine(config)#int f0/0

Valentine(config-if)#ip address 192.168.24.1 255.255.255.0

Valentine(config-if)#no shut

Valentine(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Valentine(config-if)#int s2/0

Valentine(config-if)#ip address 192.168.25.38 255.255.255.252

Valentine(config-if)#no shut

Valentine(config-if)#

%LINK-5-CHANGED: Interface Serial2/0, changed state to up

Valentine(config-if)#exit

Valentine(config)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up

Valentine(config)#exit

Valentine#

%SYS-5-CONFIG_I: Configured from console by console

Valentine#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
Valentine#

Routing Configuration

Rhodes

Rhodes>en

Rhodes#conf t

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

Rhodes(config)#ip route 192.168.16.0 255.255.252.0 192.168.25.41

Rhodes(config)#ip route 192.168.25.44 255.255.252 192.168.25.41

Rhodes(config)#ip route 192.168.22.0 255.255.255.0 192.168.25.41

Rhodes(config)#ip route 192.168.25.32 255.255.252 192.168.25.41

Rhodes(config)#ip route 192.168.25.0 255.255.255.224 192.168.25.41

Rhodes(config)#ip route 192.168.25.36 255.255.252 192.168.25.41

Rhodes(config)#ip route 192.168.24.0 255.255.255.0 192.168.25.41

Rhodes(config)#ip route 192.168.25.48 255.255.255.252 192.168.25.41

Rhodes(config)#ip route 192.168.23.0 255.255.255.0 192.168.25.41

Rhodes(config)#exit

Rhodes#

%SYS-5-CONFIG I: Configured from console by console

Rhodes#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
Rhodes#

Saint Danis

Saint Danis>

Saint Danis>en

Saint Danis#conf t

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

Saint_Danis(config)#ip route 192.168.20.0 255.255.254.0 192.168.25.45

%Invalid next hop address (it's this router)

Saint Danis(config)#ip route 192.168.20.0 255.255.254.0 192.168.25.42

Saint Danis(config)#ip route 192.168.22.0 255.255.255.0

%LINK-3-UPDOWN: Interface Serial2/0, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to down

%LINK-5-CHANGED: Interface Serial2/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up

% Incomplete command.

Saint Danis(config)#ip route 192.168.22.0 255.255.255.0 192.168.25.46

Saint Danis(config)#ip route 192.168.25.0 255.255.255.224 192.168.25.34

Saint Danis(config)#ip route 192.168.25.48 255.255.252 192.168.25.34

Saint Danis(config)#ip route 192.168.23.0 255.255.255.0 192.168.25.34

Saint Danis(config)#ip route 192.168.25.36 255.255.255.252 192.168.25.34

Saint Danis(config)#ip route 192.168.24.0 255.255.255.0 192.168.25.34

Saint Danis(config)#exit

Saint Danis#

%SYS-5-CONFIG I: Configured from console by console

Saint_Danis#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
Saint Danis#

Limpany

Limpany>en

Limpany#conf t

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

Limpany(config)#ip route 192.168.16.0 255.255.252.0 192.168.25.45

Limpany(config)#ip route 192.168.25.40 255.255.255.252

% Incomplete command.

Limpany(config)#ip route 192.168.25.40 255.255.255.252 192.168.25.45

Limpany(config)#ip route 192.168.20.0 255.255.254.0 192.168.25.45

Limpany(config)#ip route 192.168.25.32 255.255.255.252 192.168.25.45

Limpany(config)#ip route 192.168.25.0 255.255.254 192.168.25.45

Limpany(config)#ip route 192.168.25.48 255.255.252 ip route 192.168.25

% Invalid input detected at '^' marker.

Limpany(config)#ip route 192.168.25.48 255.255.255.252 192.168.25.45

Limpany(config)#ip route 192.168.23.0 255.255.255.0 192.168.25.45

Limpany(config)#ip route 192.168.25.36 255.255.255.252 192.168.25.45

Limpany(config)#ip route 192.168.24.0 255.255.255.0 192.168.25.45

Limpany(config)#exit

Limpany#

%SYS-5-CONFIG I: Configured from console by console

Limpany#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
Limpany#

Annesburg

Annesburg>en

Annesburg#config t

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

Annesburg(config)#ip route 192.168.25.44 255.255.255.252 192.168.25.33

Annesburg(config)#ip route 192.168.22.0 255.255.255.0 192.168.25.33

Annesburg(config)#ip route 192.168.25.40 255.255.255.252 192.168.25.33

Annesburg(config)#ip route 192.168.20.0 255.255.254.0 192.168.25.33

Annesburg(config)#ip route 192.168.16.0 255.255.252.0 192.168.25.33

Annesburg(config)#router rip

Annesburg(config-router)#version 2

Annesburg(config-router)#no auto-summary

Annesburg(config-router)#network 192.168.25.0

Annesburg(config-router)#network 192.168.25.48

Annesburg(config-router)#passive-interface f0/0

Annesburg(config-router)#default-information originate

Annesburg(config-router)#end

Annesburg#

%SYS-5-CONFIG I: Configured from console by console

Annesburg#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
Annesburg#

Strawberry

Strawberry/en
Strawberry#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Strawberry(config)#ip route 0.0.0.0 0.0.0 s2/0
Strawberry(config)#router rip
Strawberry(config-router)#version 2

Strawberry(config-router)#network 192.168.23.0 Strawberry(config-router)#network 192.168.25.48 Strawberry(config-router)#network 192.168.25.0

Strawberry(config)#end Strawberry# %SYS-5-CONFIG_I: Configured from console by console

Strawberry#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
Strawberry#

Valentine

Valentine>en

Valentine#conf t

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

Valentine(config)#router rip

Valentine(config-router)#version 2

Valentine(config-router)#network 192.168.24.0

Valentine(config-router)#network 192.168.25.36

Valentine(config-router)#passive-interface f0/0

Valentine(config-router)#end

Valentine#

%SYS-5-CONFIG I: Configured from console by console

Valentine#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
Valentine#

Floating

Rhodes

Rhodes#en

Rhodes#config t

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

Rhodes(config-if)#ip route 192.168.22.0 255.255.255.0 192.168.25.54 5 Rhodes(config)#exit Rhodes#

%SYS-5-CONFIG_I: Configured from console by console

Rhodes#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
Rhodes#

Limpany

Limpany#en Limpany #config t Enter configuration commands, one per line. End with CNTL/Z.

Limpany (config-if)#ip route 192.168.20.0 255.255.254.0 192.168.25.53 5 Limpany (config)#exit Limpany # %SYS-5-CONFIG I: Configured from console by console

Limpany #copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
Limpany #