

Reg no: scutis/20/2c/1088

NST21028 - practical for network switching

host based routing and routing

host based continuous assessment or

Serial number: 180655

Host based routing

Host based continuous assessment

Addressing Table

Devices	Interfaces	IP Addresses	Subnet mask	Default gateway
R1	g0/0/0	172.168.10.128	255.255.255.128	
	g0/0/1	172.168.10.129	255.255.255.128	
	s0/1/0	172.168.10.241	255.255.255.252	
R2	g0/0/0	172.168.10.193	255.255.255.224	
	g0/0/1	172.168.10.225	255.255.255.240	
	s0/1/0	172.168.10.242	255.255.255.252	
PC-A	NIC	172.168.10.129	255.255.255.252	192.168.10.128
PC-B	NIC	192.168.10.2	255.255.255.128	192.168.10.128
PC-C	NIC	192.168.10.223	255.255.255.224	192.168.10.193
PC-D	NIC	192.168.10.226	255.255.255.240	192.168.10.225

PART 01

~~host~~

Routers 01

Router > enable

Router # Configure terminal

Router (config) # host R1

R1 (config) # host R2

Routers 02

Routers enable

Router # configure terminal

Router (config) # host R2

R2 (config) #

02)

R1

R1 (config) # line console 0
 R2 (config-line) > password 1234
 R1 (config-line) # login
 R1 (config-line) # exit
 R1 (config) #

R2

R2 (config) # line console 0
 R2 (config-line) > password 1234
 R2 (config-line) # login
 R2 (config-line) # exit
 R2 (config) #

03) R1 (config) # enable secret cisco

R2 (config) # enable secret cisco

04) R1 (config) # ip domain-name nst 21022.com

R2 (config) # ip domain-name nst 21022.com

05) R1 (config) # crypto key generate rsa modulus 1024

config crypto key generate rsa modulus 1024

```

ip ssh version 2
username root secret cisco
line vty 0 is 2000
transport input ssh
login local
exec-timeout 6
end
write memory
  
```

```

ip ssh version 2
username root secret cisco
line vty 0 is 2000
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06. service password-encryption

service password-encryption

07. banner login: restricted
Authorised Access only

banner login: ^C
Authorised Access only

AC

NC

Subnet Number	Network Address	First Usable Host Address	Last Usable Host Address	Broadcast Address
1	172.168.10.0 /25	172.168.10.1	172.168.10.31	172.168.10.31
2	172.168.10.128 /26	172.168.16.129	172.16.10.190	172.16.10.191
3	172.168.10.192 /27	172.16.10.193	172.16.10.222	172.16.10.223
4	172.168.224 /28	172.16.10.225	172.16.10.230	172.16.10.239
5	172.16.224 /29	172.16.10.241	172.16.10.242	172.16.10.243
6				
7				
8				
9				
10				