Solution to Exercise 1

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26-05-2008
Dernière mise à jour : 08-06-2008

- Using hyperterminal to access the device, configure IP & hostname for R1

router> enable

router# conf t

router(conf)# interface s1/0

router(conf-if)# ip address 10.0.0.1 255.0.0.0

router(conf-if)# no shutdown

router(conf-if)# clock rate 64000

router(conf-if)# exit

router(conf)# hostname R1

R1(conf)# exit

R1# wr

- Using hyperterminal to access the device, configure IP & hostname for R2

router> enable

router# conf t

router(conf)# interface s1/0

router(conf-if)# ip address 10.0.0.2 255.0.0.0

router(conf-if)# no shutdown

router(conf-if)# exit

router(conf)# hostname R2

R2(conf)# exit

R2# wr

- Check R1 configuration

R1# show ip interface brief

R1# show run

R1# show start

R1# show ip route

R1# show controller s1/0

R1# ping 10.0.0.2

R1# exit

R1>

- Check R2 configuration

R2# show ip interface brief

R2# show run

R2# show start

R2# show ip route

R2# show controller s1/0

R2# ping 10.0.0.2

R2# exit

R2>

- Through telnet, set the following passwords for R1 : console:cons1, privilege:priv1 (not encrypted), telnet:teln1

c:\> telnet R1 (from Admin1)

R1> enable

R1# conf t

R1(conf)# line console 0

R1(conf-line)# password cons1

R1(conf-line)# login

R1(conf-line)# exit

R1(conf)# enable password priv1

R1(conf)# line vty 0 4

R1(conf-line)# password teln1

R1(conf-line)# login

R1(conf-line)# exit

R1(conf)# exit

R1# wr

R1# exit

R1>

- Through telnet, set the following passwords for R2 : console:cons2, privilege:priv2 (encrypted), telnet:teln2

c:\> telnet R2 (from Admin2)

R2> enable

R2# conf t

R2(conf)# line console 0

R2(conf-line)# password cons2

R2(conf-line)# login

R2(conf-line)# exit

R2(conf)# enable secret priv2

R2(conf)# line vty 0 4

R2(conf-line)# password teln2

R2(conf-line)# login

R2(conf-line)# exit

R2(conf)# exit

R2# wr

R2# exit

R2>