3) Configuring Extended ACLs

Send messages to check whether the status is successful or not.

Configuring, Apply Extended Number ACL:

Router0 -> Go to CLI

en

conf t

access-list 100 permit tcp 172.22.34.64 0.0.0.31 host 172.22.34.62 eq ftp

access-list 100 permit icmp 172.22.34.64 0.0.0.31 host 172.22.34.62

interface G0/0

ip access-group 100 in

ex

ip access-list extended HTTP-ONLY

permit tcp 172.22.34.96 0.0.0.15 host 172.22.34.62 eq www

permit icmp 172.22.34.96 0.0.0.15 host 172.22.34.62

en

interface G0/1

ip access-group HTTP-ONLY in

(Press enter after this)

Send messages from PCA to Server and PCB to Server

Messages from PCA to PCB should fail

Check for ftp response on PCA: (It should be successful)

Go to PCA🡪 Desktop -> command prompt -> ftp 172.22.34.62

After entering this command, it will prompt for username and password.

Username: cisco

Password: cisco

Check for ftp response on PCB same command: (It should fail)

Check for www response on PCB: (It should show you following response)

Go to Pc B -> desktop -> Web browser -> http:172.22.34.62

Check for www response on PCA: (It should show you Request Timeout)

Go to PCA -> desktop -> Web browser -> http:172.22.34.62