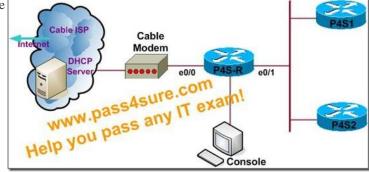
CCNP ISCW(642-825) Lab - PPPoE

Pass4sure is a small export company .This firm has an existing enterprise network that is made up exclusively of routers that are using EIGRP as the IGP. Its network is up and operating normally. As part of its network expansion, Pass4sure has decided to connect to the internet by a broadband cable ISP. Your task is to enable this connection by use of the information below. Connection Encapsulation: PPP Connection Type: PPPoE client Connection Authentication: None Connection MTU: 1492 bytes Address: Dynamically assigned by the ISP Outbound Interface: E0/0 You will know that the connection has been successfully enabled when you can ping the simulated Internet address of 172.16.1.1 Note: Routing to the ISP: Manually configured default route



```
P4S-R# show ip route
         Gateway of last resort is not set
                      192.168.1.0/27 is subnetted, 7 subnets
                                 192.168.1.0 is directly connected, Ethernet0/1
                                 192.168.1.32 [90/307200] via 192.168.1.2, 00:02:16, Ethernet 0/1
        D
        D
                                 192.168.1.64 [90/307200] via 192.168.1.2, 00:02:17, Ethernet 0/1
        D
                                 192.168.1.96 [90/307200] via 192.168.1.2, 00:02:17,Ethernet0/1
                                 192.168.1.128 [90/307200] via 192.168.1.3, 00:02:17,Ethernet0/1
         D
         D
                                 192.168.1.192 [90/307200] via 192.168.1.3, 00:02:17, Ethernet 0/1
        D
                                 192.168.1.224 [90/307200] via 192.168.1.3, 00:02:17, Ethernet 0/1
narker

out-end-marker

no aaa new-model resource policy Asure PST 0 ip subnet-zero
no ip dhcp use vrf

interpolicy asure policy asure psi open ps
         interface Ethernet0/0
         description link to cable modem
          no ip address
          shutdown
         interface Ethernet0/1
          description link to corporate nework
          ip address 192.168.1.1 255.255.255.224
         interface Ethernet0/2
         no ip address
         interface Ethernet0/3
         no ip address
         shutdown
         router eigrp 1
          network 192.168.1.0
         auto-summary
        line con 0
         line vty 0 15
         end
```

```
Solutions:
                         P4S-R(config)#int e0/0
                                                         P4S-R(config-if)#pppoe enable
                                                                                                 P4S-R(config-if)#pppoe-client
dial-pool-number 1
                           P4S-R(config-if)#no sh
                                                            P4S-R(config-if)#exit
                                                                                          P4S-R(config)#int dialer1
P4S-R(config-if)#encapsulation ppp
                                            P4S-R(config-if)#ip address negotiated
                                                                                            P4S-R(config-if)#dialer pool 1
 P4S-R(config-if)#ip mtu 1492
                                        P4S-R(config-if)#no shut
                                                                         P4S-R(config-if)#exit
                                                                                                        P4S-R(config)#ip route
0.0.0.0 0.0.0.0 dialer1 <---- ip routing is default static to internet provider
                                                                                P4S-R#copy run start
                                                                                                           The test ip address
given in the scenario:
                            P4S-R# ping 172.16.1.1
                                                            !!!!! <---- if ping successful, you have completed this lab!
That is all, hope to helpful for you. Best Luck for ur ISCW 642-825 Exam. If you need the complete pass4sure test questions for
642-825 Exam, you can visit Latest Pass4sure 642-825, maye it helpful for ur exam!
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