**Kurluma başlanırken yapılması gerekenler**

**1>routerın içindeki confiğ sıfırlanacak**

**Routıra giriş**

**Username#cisco**

**Pass#cisco**

**Username#erase startup-config**

**Username#reload kapatıp açmak için**

**Router kapanıp açılacak ve (yes/no) sorusuna no yazıp enter**

**Router>enable enter**

**Router# modda yapılacaklar**

**router#sh run——routerın içerisindeki config gösterir**

**router#sh ip interface brief——routerın interfacelerin açık olup olmadığını ve ip alıp almadığını gösterir**

**router#sh inv——routerın seri no gösterir**

**router#sh ver——routerın versiyonunu ve config-register 0x2102 olup olmadığına bakılır**

**router#sh flash: routerın içindeki IOS gösterir**

**routerın config başlamak için**

**router#conf t ——enter**

**router#sh run int dialer 0 —— sadece bakmak istediğiniz bölümü yazın**

**router(config)# configi yapmaya başla**

**router şifresi nasıl kırılır**

**rommon1>confreg 0x2142 ——enter**

**rommon2>reset**

**router kapanıp açılacak ve routertekrar (yes/no) no yazılacak ve eski configi geri getirmek için yapılması gerekenler**

**router>en ——enter**

**router#copy star run ——enter (eski config geri getirme)**

**router#conf t ——enter**

**router(config)#config-register 0x2102 ——enter**

**router(config)#end**

**router#writ**

**ROUTER VE SW ŞİFRE VERMEK**

 **ena pass te11c0m**

**line vty 0 4**

**login**

**pass te11c0m**

**GHSDSL VAE CONFİG**

**controller DSL 0**

 **mode atm**

 **line-term cpe**

 **line-mode 2-wire line-zero**

 **dsl-mode shdsl symmetric annex B**

 **line-rate auto**

**interface ATM0**

 **no ip address**

 **no atm ilmi-keepalive**

 **pvc 8/35**

 **pppoe-client dial-pool-number 1**

**interface Dialer0**

 **mtu 1492**

 **ip address negotiated**

 **ip nat outside**

 **ip virtual-reassembly in**

 **encapsulation ppp**

 **dialer pool 1**

 **dialer-group 1**

 **no cdp enable**

 **ppp pap sent-username 2662466054@tellcomsdsl password 1234567**

**!**

**ip route 0.0.0.0 0.0.0.0 dialer0**

**interface Vlan1**

 **ip address 192.168.1.1 255.255.255.0 GEREKTİĞİ ZAMAN**

 **ip nat inside**

 **ip virtual-reassembly in**

 **ip tcp adjust-mss 1450**

**ADSL VAE CONFİG**

**interface ATM0**

 **no ip address**

 **no atm ilmi-keepalive**

 **pvc 8/35**

 **pppoe-client dial-pool-number 1**

 **no sh**

 **dsl operating-mode auto**

**interface Dialer0**

 **ip address negotiated**

 **ip mtu 1492**

 **ip virtual-reassembly**

 **encapsulation ppp**

 **dialer pool 1**

 **dialer-group 1**

 **ppp authentication pap callin**

 **ppp pap sent-username 2524369210@tellcomsdsl password 1234567**

 **ip route 0.0.0.0 0.0.0.0 Dialer0**

**interface Vlan1**

 **ip address 10.37.39.121 255.255.255.0 GEREKTİĞİ ZAMAN**

 **ip virtual-reassembly in**

 **ip tcp adjust-mss 1450**

**NOKTADAN NOKTAYA CONFİG**

**controller DSL 0**

 **mode atm**

 **line-term cpe**

 **line-mode 2-wire line-zero**

 **dsl-mode shdsl symmetric annex B**

 **line-rate auto**

**!**

**interface ATM0**

 **no ip address**

 **no atm ilmi-keepalive**

**!**

**interface ATM0.1 point-to-point**

 **ip address 10.183.6.93 255.255.255.252**

 **atm route-bridged ip**

 **pvc 0/35**

 **encapsulation aal5snap**

**!**

**ip route 0.0.0.0 0.0.0.0 10.183.6.92**

**NOKTADAN NOKTAYA GHSDSL CART CONFİĞİ**

**controller SHDSL 0/0/0**

**dsl-group 0 pairs 0**

**shdsl rate auto**

**dsl-group 1 pairs 1**

**shdsl rate auto**

**!**

**!**

**interface ATM0/0/0**

 **no ip address**

 **no atm ilmi-keepalive**

**!**

**interface ATM0/0/0.1 point-to-point**

 **ip address 172.27.139.46 255.255.255.252**

 **atm route-bridged ip**

 **pvc 0/35**

 **encapsulation aal5snap**

**!**

**ip route 0.0.0.0 0.0.0.0 172.27.139.45**

**!**

**End**

**METRO ETHERNET F/O CİSCO 3400 CONFİG**

**service unsupported-transceiver**

**spanning-tree mode rapid-pvst**

**spanning-tree etherchannel guard misconfig**

**spanning-tree extend system-id**

**!**

**vlan internal allocation policy ascending**

**!**

**vlan 107**

**interface FastEthernet0**

**no ip address**

**no ip route-cache**

**interface FastEthernet0/1**

**switchport access vlan 107**

**no shut**

**interface GigabitEthernet0/1**

**port-type nni**

**switchport mode trunk**

**no shut**

**!**

**interface GigabitEthernet0/2**

**no shut**

**!**

**interface Vlan1**

**no ip address**

**no ip route-cache**

**!**

**interface Vlan107**

**ip address 172.33.33.170 255.255.255.252**

**no ip route-cache**

**!**

**ip default-gateway 172.33.33.169**

**no ip http server**

**ip http secure-server**

**ip sla enable reaction-alerts**

**CİCSCO 888K-9 3G CONFİG**

**sh cellular 0 all 3G çekim gücünü gösterir**

**Router#Cellular 0 gsm profile create 1 habas chap 5302508058 2508058**

**Config modda atılacak**

**chat-script gsm "" "ATDT\*99\*\*\*1#" TIMEOUT 10 "CONNECT"**

**interface Cellular0**

 **ip address negotiated**

 **encapsulation ppp**

 **load-interval 30**

 **dialer in-band**

 **dialer idle-timeout 30**

 **dialer string gsm**

 **dialer-group 1**

 **async mode interactive**

 **no fair-queue**

 **ppp chap hostname 5302508058**

 **ppp chap password 2508058**

 **ppp ipcp dns request**

**dialer-list 1 protocol ip permit**

**line 3**

 **exec-timeout 0 0**

 **script dialer gsm**

 **modem InOut**

 **no exec**

**3g modülü, ifiziksel olarak, çıkarıp takmanın config ile gerçekleştirilmesi**

**torbali(config)#service internal**

**torbali(config)#**

**torbali#test cellular 0/0/0 modem-power-cycle**

**Modem Power cycled successfully**

**Cisco 867 VAG K-9 3G CONFİG**

**Cellular 0 gsm profile create 1 aksa3g chap 5305912770 5912770 ipv4**

**chat-script gsm "" "AT!SCACT=1,1" TIMEOUT 60 "OK"**

**interface Cellular0**

**ip address negotiated**

**encapsulation slip**

**load-interval 30**

**dialer in-band**

**dialer idle-timeout 30**

**dialer string gsm**

**dialer-group 1**

**async mode interactive**

**dialer-list 1 protocol ip permit**

**line 3**

**exec-timeout 0 0**

**script dialer gsm**

**modem InOut**

**no exec**

**GHSDSL HWIC 2 CART CONFİG**

**controller SHDSL 0/0/0**

**dsl-group 0 pairs 0**

**shdsl rate auto**

**dsl-group 1 pairs 1**

**shdsl rate auto**

**!**

**interface ATM0/0/0**

**des 1893821121**

**no ip address**

**no atm ilmi-keepalive**

**pvc 8/35**

 **pppoe-client dial-pool-number 1**

**!**

**interface ATM0/0/1**

**des 1885048088**

**no ip address**

**no atm ilmi-keepalive**

**pvc 8/35**

 **pppoe-client dial-pool-number 2**

**!**

**interface Dialer1**

**ip address negotiated**

**encapsulation ppp**

**dialer pool 1**

**dialer-group 1**

**ppp pap sent-username 2323283600@tellcomsdsl password 1234567**

**!**

**interface Dialer2**

**ip address negotiated**

**encapsulation ppp**

**dialer pool 2**

**dialer-group 2**

**ppp pap sent-username 2323283601@tellcomsdsl password 1234567**

**ip route 0.0.0.0 0.0.0.0 Dialer1**

**ip route 0.0.0.0 0.0.0.0 Dialer2**

**QUİNTUM ETH CONFİG**

**SPEED: 38400**

**admin**

**admin**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**eth**

**config**

**set ipa 10.37.39.122**

**set sm 255.255.255.252**

**set dhcpe 0**

**siprd**

**change 1 g 10.37.39.122**

**submit**

**maint**

**mc**

**reset**

**eth**

**config**

**set dhcpe 0**

**submit**

**mc**

**maint**

**reset**

**yes**

**VDSL to G.SHDSL VAE Örnek config**

**controller VDSL 0**

**operating mode auto**

**!**

**interface Ethernet0**

**no ip address**

**no fair-queue**

**no shutdown**

**!**

**interface Ethernet0.35**

**encapsulation dot1Q 35**

**pppoe-client dial-pool-number 1**

**!**

**!**

**interface ATM0**

**no ip address**

**shutdown**

**no atm ilmi-keepalive**

**!**

**interface Dialer0**

**mtu 1492**

**ip address negotiated**

**ip virtual-reassembly in**

**encapsulation ppp**

**dialer pool 1**

**ppp authentication pap callin**

**ppp pap sent-username 2242446498@tellcomsdsl password 1234567**

**ppp ipcp dns request**

**ip route 0.0.0.0 0.0.0.0 dialer0**

**interface Vlan1**

 **ip address 192.168.226.1 255.255.255.0 İSTEĞE GÖRE**

 **ip nat inside**

 **ip virtual-reassembly in**

 **ip tcp adjust-mss 1450**

**G.SHDSL NN to VDSL NN Örnek configi**

**controller VDSL 0**

**!**

**interface Ethernet0**

**no shut**

**no ip address**

**no shutdown**

**!**

**interface Ethernet0.15**

**encapsulation dot1Q 15**

**ip address 172.33.9.10 255.255.255.252**

**!**

**interface ATM0**

**no ip address**

**shutdown**

**no atm ilmi-keepalive**

**ip route 0.0.0.0 0.0.0.0 172.33.9.9**

**DSL on G.SHDSL VAE Config Örneği**

**controller VDSL 0/0/0**

**!**

**controller VDSL 0/1/0**

**!**

**interface ATM0/0/0**

**no ip address**

**shutdown**

**no atm ilmi-keepalive**

**!**

**interface Ethernet0/0/0**

**no ip address**

**!**

**interface Ethernet0/0/0.35**

**encapsulation dot1Q 35**

**pppoe enable**

**pppoe-client dial-pool-number 1**

**!**

**interface ATM0/1/0**

**no ip address**

**shutdown**

**no atm ilmi-keepalive**

**!**

**interface Ethernet0/1/0**

**no ip address**

**!**

**interface Ethernet0/1/0.35**

**encapsulation dot1Q 35**

**pppoe enable**

**pppoe-client dial-pool-number 2**

**!**

**interface Dialer1**

**mtu 1492**

**ip address negotiated**

**ip virtual-reassembly in**

**encapsulation ppp**

**dialer pool 1**

**ppp authentication pap callin**

**ppp pap sent-username 2124893849@tellcomsdsl password 0 1234567**

**ppp ipcp dns request**

**!**

**interface Dialer2**

**mtu 1492**

**ip address negotiated**

**ip virtual-reassembly in**

**encapsulation ppp**

**dialer pool 2**

**ppp authentication pap callin**

**ppp pap sent-username 2124893850@tellcomsdsl password 0 1234567**

**ppp ipcp dns request**

**ip route 0.0.0.0 0.0.0.0 dialer1**

**ip route 0.0.0.0 0.0.0.0 dialer2**

**VDSL on G.SHDSL NN Örnek Configi**

**controller VDSL 0/0/0**

**!**

**controller VDSL 0/1/0**

**!**

**interface ATM0/0/0**

**no ip address**

**shutdown**

**no atm ilmi-keepalive**

**!**

**interface Ethernet0/0/0**

**no ip address**

**!**

**interface Ethernet0/0/0.15**

**encapsulation dot1Q 15**

**ip add 10.10.10.2 255.255.255.252**

**!**

**interface ATM0/1/0**

**no ip address**

**shutdown**

**no atm ilmi-keepalive**

**!**

**interface Ethernet0/1/0**

**no ip address**

**!**

**interface Ethernet0/1/0.15**

**encapsulation dot1Q 15**

**ip add 10.10.20.2 255.255.255.252**

**ip route 0.0.0.0 0.0.0.0 10.10.10.1**

**ip route 0.0.0.0 0.0.0.0 10.10.20.1**