

Quick Reference Card

CISCO DIALOUT UTILITY, RELEASE 2.0

NAS CONFIGURATIONS

Sample Configurations

This quick reference card contains sample configurations for Cisco AS2509-AS2512 access servers and Cisco AS5xxx series access servers that can be used with the Cisco DialOut Utility. The Cisco DialOut Utility can be used with any network access server that supports Class 2 faxing.

Note: These sample configurations should be adjusted to match your individual requirements.

For more information on setting up and configuring your network access server, see the section *Telnet Extensions for Dialout* in your Cisco IOS documentation.

Note: The NAS must be running a compatible release of Cisco IOS software. There are additional requirements for the NAS through which you will be dialing. See the Cisco DialOut Utility User Guide, Release Notes for the Cisco DialOut Utility, Release 2.0, and the README.DOC file for details.



Sample Configuration File for Cisco AS2509-AS2512 Access Servers

Following is a sample configuration file for Cisco AS2509-AS2512 access servers that you can use with the Cisco DialOut Utility:

```
!  
version 11.3  
service timestamps debug datetime msec localtime  
no service udp-small-servers  
service tcp-small-servers  
!  
hostname 2500-DialOut  
!  
enable secret 5 $1$WG3K$8Zh1hHUG6hx4U3U2KFPyW0  
enable password abc  
!  
ip domain-name cisco.com  
ip name-server 171.69.2.132  
ip address-pool local  
!  
interface Ethernet0  
 ip address 210.1.1.5 255.255.255.0  
 no ip mroute-cache  
 no ip route-cache  
 no lat enabled  
 no mop enabled  
!  
interface Serial0  
 no ip address  
 no ip mroute-cache  
 no ip route-cache  
 shutdown  
!  
interface Serial1  
 no ip address  
 no ip mroute-cache  
 no ip route-cache  
 shutdown  
!  
interface Group-Async1  
 ip unnumbered Ethernet0  
 no ip mroute-cache  
 encapsulation ppp  
 no ip route-cache  
 async default routing  
 async dynamic address  
 async mode interactive  
 peer default ip address pool local  
 dialer in-band  
 no cdp enable  
 ppp authentication chap  
 group-range 1 8
```

```
!  
interface Dialer0  
 no ip address  
 no ip mroute-cache  
 no ip route-cache  
 no cdp enable  
!  
router eigrp 109  
 network 172.22.0.0  
 no auto-summary  
!  
ip local pool local 210.1.1.10 210.1.1.58  
ip default-gateway 172.22.18.33  
no ip classless  
ip route 172.22.18.32 255.255.255.224 210.1.1.1  
ip route 172.22.18.32 255.255.255.224 172.22.18.33  
!  
line con 0  
 exec-timeout 0 0  
line 1 8  
 no exec  
 refuse-message  
Welcome to Rotary 1 - Pool of modems...  
No available Modem, please try again.  
modem InOut  
 rotary 1  
 transport preferred telnet  
 transport input all  
 stopbits 1  
 rxspeed 115200  
 txspeed 115200  
 flowcontrol software  
line aux 0  
line vty 0 4  
 password abc  
 login  
!  
end
```

Sample Configuration File for Cisco AS5xxx Series Access Servers

Following is a sample configuration file for Cisco AS5xxx series access servers that you can use with the Cisco DialOut Utility. See the README.DOC file for specific information on which platforms and Cisco IOS versions are supported.

```
version 11.3
service timestamps debug datetime msec localtime
no service password-encryption
service udp-small-servers
service tcp-small-servers
!
hostname 5XXX-1
!
aaa new-model
aaa authentication login default tacacs+
aaa authentication login noaaa local
aaa authentication login logintac tacacs+
aaa authentication ppp ppptac tacacs+
aaa authentication ppp paplocal local
aaa authorization exec tacacs+
aaa authorization network tacacs+
aaa authorization reverse-access tacacs+
aaa accounting exec start-stop tacacs+
aaa accounting network start-stop tacacs+
aaa accounting update newinfo
enable password cisco
!
username root password 7 123456789012
username cisco password 7 223456789012
modem startup-test
no ip domain-lookup
isdn switch-type primary-5ess
!
controller T1 0
  framing esf
  clock source line primary
  linecode b8zs
  pri-group timeslots 1-24
!
```

```
controller T1 1
  shutdown
  framing esf
  clock source line secondary
linecode b8zs
pri-group timeslots 1-24
!
interface Ethernet0
  ip address 10.1.1.1 255.255.255.0
  no ip route-cache
  no ip mroute-cache
  no lat enabled
!
interface Serial0
  no ip address
  no ip route-cache
  no ip mroute-cache
  shutdown
  no fair-queue
!
interface Serial1
  no ip address
  no ip route-cache
  no ip mroute-cache
  shutdown
!
interface Serial0:23
  ip address 10.15.2.80 255.255.255.0
  encapsulation ppp
  no ip route-cache
  no ip mroute-cache
  no keepalive
  dialer idle-timeout 400
  dialer map ip 10.15.2.60 6661210
  dialer-group 1
  isdn incoming-voice modem
  peer default ip address pool setup_pool
  no fair-queue
  no cdp enable
  ppp authentication chap ppptac
  ppp multilink
!
interface Serial1:23
  no ip address
  no ip route-cache
  no ip mroute-cache
  shutdown
!
interface Group-Async1
  ip unnumbered Ethernet0
  encapsulation ppp
  no ip route-cache
  no ip mroute-cache
  async dynamic address
  async dynamic routing
  async mode interactive
  peer default ip address pool setup_pool
```

```
ppp authentication chap pap paplocal
group-range 1 48
!
interface Dialer0
  no ip address
  no ip route-cache
  no ip mroute-cache
  dialer-group 1
!
ip local pool setup_pool 10.1.1.2 10.1.1.4
ip classless
dialer-list 1 protocol ip permit
!
tacacs-server host 10.4.1.10
tacacs-server timeout 20
tacacs-server key nas1
!
line con 0
  exec-timeout 0 0
  password cisco
  logging synchronous
  login authentication noaaa
line 1 48
  refuse-message ^C [!MMM!] No Modems Available ^C
  exec-timeout 0 0
  autoselect during-login
  autoselect ppp
  modem InOut
  transport preferred telnet
  transport input all
line aux 0
line vty 0 4
  exec-timeout 0 0
  password cisco
  login authentication logintac
line vty 5 6
  password cisco
!
scheduler interval 1000
end
```

5XXX-1#

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