

NetManage Chameleon Configuration for Dial-up Access

Document ID: 10342

Introduction

Prerequisites

Requirements

Components Used

Conventions

Configure NetManage Chamelion

Version 4.01

Version 4.5

SLIP.INI Example File

Related Information

Introduction

This document describes how to configure Cisco communication servers, PC software packages, and modems for SLIP or PPP dial-in access.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

This document is not restricted to specific software and hardware versions.

Conventions

Refer to Cisco Technical Tips Conventions for more information on document conventions.

Configure NetManage Chamelion

Besides Chameleon Sampler, a reduced function package, Chameleon has two major releases 4.01 and 4.5. Version 4.01 has problems if configured for two interfaces, (such as Ethernet and SLIP). The conflict is seen in the address of a Default Gateway, which displays as the same for both interfaces. This is incorrect, because the address of the Comm Server should be assigned as the Default Gateway (SLIP), and does not reside on the Ethernet. There is no problem of this type with version 4.5.

Chameleon can be used as a dialup package into an Access Server, and can support SLIP or PPP. Startup scripts are used to initiate sessions once the modem connection has been made. These scripts can be used to establish an IP address, if statically assigned to dial-in users, by presenting the address with the SLIP or PPP initiation command.

In the design presented here, 16 addresses from the Ethernet network subnet are "loaned" to the asynchronous ports. This is achieved using **ip unnumbered ethernet0**, and the router's recognition of the network mask used on the address assigned to the Ethernet interface.

Use these instructions to configure Chameleon to accept an IP address from the Comm Server when you negotiate a session:

Version 4.01

Complete these steps:

1. Under Custom/IP address, set the address to **1.1.1.1**.
2. Under Services/Default Gateway, set the address to the Ethernet0 address of the Comm Server (for example, 129.250.100.254).
3. Under Custom/Login, set the command to **SLIP /default** or **PPP /default**.

When you run SLIP instead of PPP, you might need to use MTU 1006 on the Async interfaces of the Comm Server.

Version 4.5

Complete these steps:

1. Under Custom/IP_address, set the address to **0.0.0.0**.
2. Under Services/Default Gateway, set the address to the Ethernet0 address of the Comm Server (for example, 129.250.100.254).
3. Under Custom/Login, set the command to **SLIP default** or **PPP default** (the "/" is not necessary).

When you run SLIP instead of PPP, you might need to use MTU 1006 on the Async interfaces of the Comm Server.

SLIP.INI Example File

SLIP.INI is the filename of the startup commands used to initiate a session once the Comm Server connection has been made. This example file gives both PPP and SLIP initiation commands, which answer a Username: and Password: prompt, and then start SLIP/PPP with address assignment by the Comm Server (named CS). These scripts are similar to chat scripts, with receive send strings.

In our example, login local is used to authenticate users defined on the Comm Server (such as **global config** command, username TestUser, password Foo). The dial-in user must also populate the fields for Username and Password, which fill the script \$u and \$p parameters.

```
interface Serial3/0
  no ip address
  encapsulation frame-relay

[SLIP0]
SCRIPT=name: $u$r word: $p$r CS> $c$r Your $- -i
TYPE=SLIP

[PPP0]
SCRIPT=name: $u$r word: $p$r CS> $c$r Your $-
TYPE=PPP
```

Related Information

- **Technical Support & Documentation – Cisco Systems**
-

All contents are Copyright © 2006–2007 Cisco Systems, Inc. All rights reserved. Important Notices and Privacy Statement.

Updated: Mar 13, 2007

Document ID: 10342
