

VPN 3000 Concentrator – Manage File Systems

Document ID: 65974

Introduction

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Introduction

There are several options you can use to manage the file system on the VPN 3000 Concentrator.

Note: Refer to File Management for other options.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

The information in this document is based on the VPN 3000 Concentrator.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

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

Problem – Synchronize the Configuration

Unlike a PIX, the VPN 3000 Concentrator does not provide an option to synchronize the configuration from the primary on to the secondary VPN Concentrator when you configure failover. This document provides a procedure that allows you to achieve this on a VPN 3000 Concentrator.

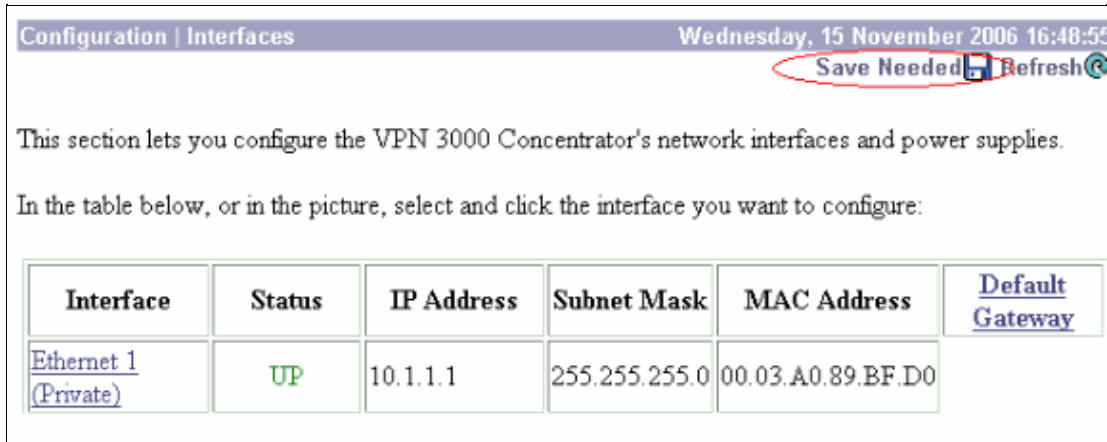
Solution

The most efficient way is to synchronize the configuration on two VPN 3000 Concentrator devices when you configure redundancy between them. You can also use part of the procedure to backup or copy the current

configuration on a specific VPN 3000 Concentrator and reload the same device with a new configuration.

Complete these steps in order to copy the configuration file from the primary VPN Concentrator to the secondary VPN Concentrator:

1. On the primary VPN Concentrator, click **Save Needed** in order to save the configuration to the CONFIG file.



Configuration | Interfaces Wednesday, 15 November 2006 16:48:52

Save Needed Refresh

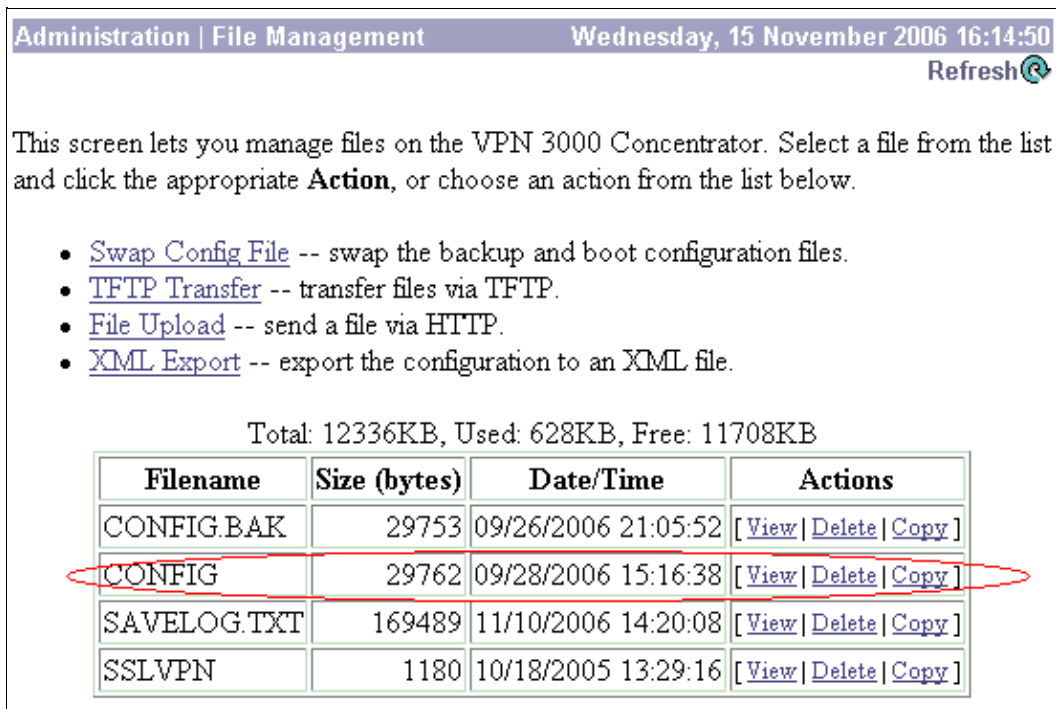
This section lets you configure the VPN 3000 Concentrator's network interfaces and power supplies.

In the table below, or in the picture, select and click the interface you want to configure:

Interface	Status	IP Address	Subnet Mask	MAC Address	Default Gateway
Ethernet 1 (Private)	UP	10.1.1.1	255.255.255.0	00.03.A0.89.BF.D0	

2. Choose **Administration > File Management** and click the **View** option in the CONFIG configuration file on the primary VPN Concentrator.

This step opens the configuration file in a web browser.



Administration | File Management Wednesday, 15 November 2006 16:14:50

Refresh

This screen lets you manage files on the VPN 3000 Concentrator. Select a file from the list and click the appropriate **Action**, or choose an action from the list below.

- [Swap Config File](#) -- swap the backup and boot configuration files.
- [TFTP Transfer](#) -- transfer files via TFTP.
- [File Upload](#) -- send a file via HTTP.
- [XML Export](#) -- export the configuration to an XML file.

Total: 12336KB, Used: 628KB, Free: 11708KB

Filename	Size (bytes)	Date/Time	Actions
CONFIG.BAK	29753	09/26/2006 21:05:52	[View Delete Copy]
CONFIG	29762	09/28/2006 15:16:38	[View Delete Copy]
SAVELOG.TXT	169489	11/10/2006 14:20:08	[View Delete Copy]
SSLVPN	1180	10/18/2005 13:29:16	[View Delete Copy]

3. Copy and paste the entire contents into a text file. Then search for [ip 2] and [ip 1] in the configuration file in order to modify the respective IP addresses.

The [ip 2] is for the public interface and the [ip 1] is for the private interface. Save the text file on your desktop.

```
ipsecsaid=0
rulenumber=39
[filterlink 4.1]
ipsecsaid=0
rulenumber=21
[ip 1]
enable=1
address=10.1.1.1
mask=255.255.255.0
filternumber=0
ripin=4
ripout=1
speed=3
duplex=1
lignore=2
ispublic=2
mtu=1500
pre_frag=1
https_admin=1
https_proxy=2
```

4. Choose **Administration > File Management > File Upload** on the secondary VPN Concentrator and type **CONFIG** in the first box.

Browse and select the text file you saved earlier in the next box.


Administration | File Management | File Upload

This section lets you upload files to your VPN 3000 Concentrator. Type in the name of the destination file on the VPN 3000 Concentrator, and the name of the file on your workstation. **Please wait for the operation to finish.**


File on the VPN 3000 Concentrator

Local File

5. Choose **Administration > System Reboot** in order to reboot the VPN Concentrator. Select the **Reboot without saving the active configuration** option. This causes the secondary VPN Concentrator to reboot using the CONFIG that you just uploaded.

Administration | System Reboot Save Needed 

This section presents reboot options.

 If you reboot, the browser may appear to hang as the device is rebooted.

Action

- Reboot
- Shutdown without automatic reboot
- Cancel a scheduled reboot/shutdown

Configuration

- Save the active configuration at time of reboot
- Reboot without saving the active configuration
- Reboot ignoring the configuration file

When to Reboot/Shutdown

- Now
- Delayed by minutes
- At time (24 hour clock)
- Wait for sessions to terminate (don't allow new sessions)

Problem – Unable to Save, File write error

You receive the Unable to Save, File write error error message during an attempt to save the configuration.

Solution

Choose **Administration > File Management** and delete old log files. It shows you how much memory is still available and used.

If you want to avoid that the logs are saved, then choose **Configuration > System > Events > General** and uncheck **Save Log on Wrap**.

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NetPro Discussion Forums – Featured Conversations for VPN
Service Providers: VPN Service Architectures
Service Providers: Network Management
Virtual Private Networks: General

Related Information

- [How to Revert the Software Image on the Cisco VPN 3000 Concentrator](#)
- [Cisco VPN 3000 Series Concentrators](#)
- [Cisco VPN 3002 Hardware Clients](#)

- **IPsec Negotiation/IKE Protocols**
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