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Check Point Remote Installation

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This document contains important information not included in the VPN-1/FireWall-1 documentation. Please review this information before installing the CPutil package.

Overview

Upgrading VPN-1/FireWall-1 on every VPN/FireWall Module is tedious and time-consuming. The CPutil package enables you to accelerate and simplify this process by remotely installing VPN-1/FireWall-1 service packs from any station. The package supports the following platforms: NT, Solaris, HP-UX and IBM-AIX.

To implement the Remote Installation scheme, the following entities must be configured:

- Publisher - the station from which VPN-1/FireWall-1 service packs will be remotely installed.
- Subscribers - VPN/FireWall Modules on which VPN-1/FireWall-1 service packs will be remotely installed.

By configuring the Publisher and Subscribers, you establish a permanent communication channel between them. To remotely install any subsequent VPN-1/FireWall-1 service pack from the Publisher, you will only need to enter a command line including a Subscriber's host name. The exact syntax of the command line will be provided in the SP-2 documentation.

Installation

Install the CPutil package on every network object which will participate in the Remote Installation.

Note – It is strongly recommended to install the CPutil package on Subscribers before installing it on the Publisher.

Run the file `cpbconfig.rmt` as follows:

Windows

- 1 Open the **Start** menu.
- 2 Go to: **Check Point > Utilities > cpbconfig**.

Solaris and HP-UX

- 1 Become superuser.
- 2 Enter the following command line:
`/opt/CPcommon/bin/cpbconfig.rmt`

IBM-AIX

- 1 Become superuser.
- 2 Enter the following command line:
`/usr/lpp/CPcommon/bin/cpbconfig.rmt`

Configuration

Configure every network object which will participate in the Remote Installation.

Note – It is strongly recommended to configure Subscribers before configuring the Publisher.

Configuring Subscribers

- 1 Run the file `cpbconfig.rmt` on the VPN/FireWall Module designated as a Subscriber (see "Installation").
The **Configuration** window is displayed, asking you to define the network objects which will participate in the Remote Installation.
- 2 Enter **1** to configure a Subscriber.
- 3 Enter the host name (the name returned by the `hostname` command) of the Publisher.

- 4 Enter the Publisher's password and confirm it.

If the key exchange with the Publisher was successful, the following confirmation message is displayed: **"Add another (or modify) Publisher <y/n>?"**.

- 5 Enter **Y** to continue defining Publishers or modify the current Publisher, or **N** to return to the initial window.
- 6 Enter **Q** to close the **Configuration** window.

Configuring the Publisher

- 1 Run the file `cpbconfig.rmt` on the station designated as the Publisher (see "Installation").
The **Configuration** window is displayed, in which you define the network objects which will participate in the Remote Installation.
- 2 Enter **2** to configure a Publisher.
- 3 Enter the host name (the name returned by the `hostname` command) of a Subscriber.
- 4 Enter the Subscriber's password and confirm it.
If the key exchange with the host was successful, the following confirmation message is displayed:
**"Received new control security key from <host ID>.
Add another (or modify) Subscriber <y/n>?"**.
- 5 Enter **Y** to continue defining Subscribers or modify the current Subscriber, or **N** to return to the initial window.
- 6 Enter **Q** to close the **Configuration** window.