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Check Point Upgrade Export and Import Utilities

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Introduction

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There are two methods of upgrading Check Point's SmartCenter:

- **Basic Upgrade:** Perform the upgrade directly on to the production SmartCenter Server. This upgrade is performed automatically from Check Point CD.

or

- **Advanced Upgrade:** Perform the upgrade on a spare machine, while the production SmartCenter Server is fully operational. Test the full functionality of the new SmartCenter Server. Then switch to the new upgraded machine. The new Upgrade Export and Import utilities assist in performing this type of upgrade.

Advanced Upgrade Steps

Machine to perform steps on	Steps to follow...
Old SmartCenter Server	<ol style="list-style-type: none">1. Run the most recent Pre-Upgrade Verifier tool and fix relevant issues2. Export the configuration3. Copy the configuration file to your new machine.
New SmartCenter Server	<ol style="list-style-type: none">1. Install NG FP3 Software, with exact same products that were installed on the origin machine2. Import the configuration; the import will perform the upgrade automatically.3. Use the Post-Upgrade Verifier if the Pre-Upgrade Verifier recommended to use it.

Export Usage

```
upgrade_export [-d] [-h] [-v] <exported file>
```

Description

<exported file> - the file name to create the exported configuration file.

Default: local path

-d prints debug information

-h prints usage

-v prints version of the tool

Import Usage

```
upgrade_import [-d] [-h] <imported file>
```

Description

<imported file> - the file name from which the configuration will be imported

-d prints debug information

-h prints usage

Steps for Installation

- 1) Install NG FP3 Software, with the exact same products that were installed on the original machine.
- 2) Import the configuration; the import will perform the upgrade automatically.

Supported Operating Systems

The Upgrade Export Utility supports

- Windows NT, Windows 2000
- Solaris 2.6, Solaris 2.7, Solaris 8
- Linux 6.1, Linux 7.0, Linux 7.1, Linux 7.2, Linux 7.3
- IPSO 3.5, IPSO 3.6

The Upgrade Import Utility supports

All Windows, Solaris and Linux versions that are supported by NG FP3.

Supported Check Point Products and Version:

The Upgrade Export Utility supports

VPN-1/FireWall-1 SmartCenter (Management) Server, on either:

- Management-only of versions 4.1, NG FP1, NG FP2 *or*
- Management+Module configuration of versions 4.1, NG FP1, NG FP2

The Upgrade Import Utility supports

NG FP3 VPN-1/FireWall-1 SmartCenter (Management) Server, on either:

- Management-only *or*
- Management+Module configuration.

Limitations

- 1) The utilities support VPN-1/FireWall-1 SmartCenter Server, either Management-only or Management+Module configuration.
- 2) The utilities do not support upgrade from 4.1 with Internal CA.
- 3) When using the Upgrade Export and Import utilities on Windows, the machine should be connected to the network. Alternatively, a connector can be used to simulate this situation.
- 4) Upgrade from 4.1: If the file `$FWDIR/conf/fwopsec.conf` was change manually, then you may experience problems with the OPSEC Client/Server of the type that was changed.
- 5) If changes were made manually on files as a result of support solutions, the changes may have to be redone on the new machine as well. Use the Post-Upgrade Verifier if the Pre-Upgrade Verifier recommended to use it.

Steps for Installation

- a. Install NG FP3 Software, with the exact same products that were installed on the original machine.
- b. Import the configuration; the import will perform the upgrade automatically.