SWG Installation Utility

Contents

INTRODUCTION

The new SWG Installation Utility replaces the Finjan OS version upgrade mechanism as of version 9.0. The SWG Installation Utility provides more than one option for version upgrades and clean installations.

The SWG Installation Utility should be used in the following scenarios:

◊   Upgrade to any currently available versions, starting from version 9.0

◊   Clean installation of last version

◊   Clean installation of RUSafe

◊   Restoration of previous versions

NOTE: **Before upgrading, uninstall older versions.**

USAGE INSTRUCTIONS

USB Key Creator

The SWG Installation Utility is an application provided by M86 Security. In order to use the application it must be placed on a bootable USB key with the relevant version ISO files. For customers who have not yet configured a bootable USB key, refer to the USB Key Creator document for instruction. (The necessary files for the USB key installation, are found in the M86 Support section of the M86 website.)

Upgrading the Policy Server and All-in-One

⇨ **To upgrade the Policy Server:**

1. Connect the USB key to the Policy Server and reboot the appliance.

NOTE: **Ensure that the appliance boots from the USB as the first boot device.**

2. Once the appliance boots from the USB key, the following options are displayed. (The menu is dynamic and therefore, this listing is for example purposes only):

    1. *Upgrade/Installation Menu*

    2. *Clean 9.2.5 Installation*

    3. *Clean 9.2.0 Installation*

    4. *Clean 9.0.0 Installation*

    5. *Clean RUSafe 9.0 Installation*

> 6. RIP – Rescue Linux

3. To upgrade to the preferred version, select option 1.

NOTE: **Once option 1 is selected, the current system is automatically backed up. The system verifies which ISO files are available on the USB key for use.**

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4. The menu displayed is based on the ISO files available on the USB and HDD /image partition. Therefore, the list is dynamic. The following is a sample menu:

> Installer: Ver: Installer_v_1.*.*-*
>
> *Example of files available for installation*
>
> *1.900-b28*
>
> *2.900-brusafe5*
>
> *3.920-b19*

The format of the filenames is designed such that the first ***numbers displayed are the version number, and the subsequent b** is the build number.

5. To upgrade to version 9.2 select option 3.
The following menu appears:

> 1. *920-b**/YYYY-MM-DD (First upgrade will show the current date)*
>
> 2. *Clean_installation*

NOTE: **The above clean installation option differs from the main menu clean install in that it keeps all (saved) device settings and ISO images intact.**

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6. To continue the upgrade, select option 1. The system will now install a fresh 9.2 installation on the policy server and restore the previous settings on the device (Network, GUI Configuration, Logs and Reports).

NOTE: **The system must be upgraded from version 9.0 M02 to use the config_upgrade command when upgrading the scanning servers**

Scanning Servers Upgrade

After the upgrade utility has completed upgrading the Policy Server, the remote devices (if present) must also be upgraded.

The following options are available:

Using the USB Key

To upgrade the scanning servers follow the procedure described in section 2.1 Upgrading the Policy Server and All-in-One. , this process requires physical access to all scanning servers and cannot be performed remotely.

Using the Config_upgrade Command

The config_upgrade command (available on the Policy Server starting version 9.2 only when upgraded from 9.0 M02 and up) allows you to decide which groups of remote devices to upgrade and in what order.

NOTE: **Scanners can be divided into specialized 'groups', which enables upgrading for specific devices only.**

Limited Shell:

The following steps are required to upgrade the remote devices using the config_upgrade command from the limited shell.

These procedure describe the upgrade process using an All-in-One appliance (Policy Server and Scanner) with an additional remote scanning server.

1. Log in to the limited shell of the upgraded Policy Server.
2. Run config_upgrade.

```
> config_upgrade
Retrieving information about 192.168.90.139. Please wait
```

3. The list of available scanners is displayed. Press Y.

```
   ---Current upgrade configuration---

IP Address          Type             Available  Version    Upg. Group      Status
192.168.90.45       All In One       True       9.2.0-22   Not upgradable  -
192.168.90.139      Scanning Server  True       9.0.0-28   None            -

Would you like to change configuration? [y/N]
```

4. New upgrade group Enter "1"

```
Type number from "1" to "5" change upgrade group, "ENTER" to keep previous value.
Device: 192.168.90.139   Current upgrade group: "None"   New upgrade group:
```

5. The scanner is listed under "group 1". Press N when prompted to change the configuration. This will start the upgrade process.

```
   ---Current upgrade configuration---

IP Address          Type              Available  Version     Upg. Group      Status
192.168.90.45       All In One        True       9.2.0-22    Not upgradable  -
192.168.90.139      Scanning Server   True       9.0.0-28    1               -

Would you like to change configuration? [y/N]
```

6. Start Upgrade: Press Y

```
Would you like to change configuration? [y/N] n
Would you like to start upgrade? [y/N] y
```

7. The status of the installation is displayed under Running State. For example, "Copy installation image to hosts in group 1".

```
   ---Current upgrade configuration---

IP Address          Type              Available  Version     Upg. Group      Status
192.168.90.45       All In One        True       9.2.0-22    Not upgradable  -
192.168.90.139      Scanning Server   True       9.0.0-28    1               CP IMG

Running state: Copy installation image to hosts in group 1

Press Ctrl-C to exit monitor.
```

8. The installation is complete. The new version is installed on the scanner.

```
  ---Current upgrade configuration---

IP Address        Type          Available  Version     Upg. Group      Status
192.168.90.45     All In One    True       9.2.0-22    Not upgradable  -
192.168.90.139    Scanning Server  True    9.2.0-22    1               FIN

Running state: Upgrade complete

Press Ctrl-C to exit monitor.
```

📝 **NOTE:** **If there are additional groups, the system will automatically move to the next upgrade group. Groups that have already been upgraded will not change.**

KNOWN LIMITATIONS

➤ Physical access to the policy server is required to connect the USB key.

➤ The base installation must be version 8.4.0 or above. If the base installation is earlier than 8.4.0, the system will provide a notification.

ABOUT M86 SECURITY

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