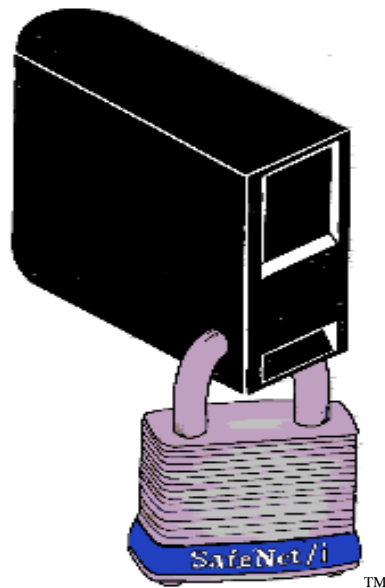


**SafeNet/i**

**FOR IBM i**

**INSTALLATION AND UPGRADE  
GUIDE**

**Version 11**



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SafeNet/i Support Website: <https://www.kisco.com/safenet/support/index.html>

Kisco Website: <https://www.kisco.com/>

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# SafeNet/i Installation and Upgrade Guide

## Chapter 1 - INSTALLING SAFENET/i – NEW INSTALLATION ONLY

### *What SafeNet/i will change on your system*

The following will occur automatically during the **SafeNet/i** installation process when using the LODRUN command. No verification or pre-processing screens are displayed during the installation.

1. Library PCSECLIB, which contains the **SafeNet/i** licensed programs, and library PCSECDTA, which contains data, are created.
2. The network attribute DDMACC is changed from \*OBJAUT to SAFENET/PCSECLIB. This controls the *DDM Server* function exit point.
3. The network attribute PCSACC is changed from \*OBJAUT to \*REGFAC. This controls the *Original PC Support* client transfer requests.
4. Exit point program SAFENETxx in PCSECLIB is registered to all supported i OS servers. Use the IBM i WRKREGINF command if you require further information.
5. Two user profiles are assigned super-administrator rights to **SafeNet/i** by default: profiles SAFENET and QSECOFR.

You may choose to remove SAFENET as a Super Admin, but you cannot remove QSECOFR as a Super Admin.

See ‘SafeNet Administrator’ in Chapter 3 of the [SafeNet/i Implementation Guide](#) for more information.

## ***Help***

All screens, menus and commands within **SafeNet/i** provide extensive **HELP** panels. This **HELP** is available by using the **F1** key or **HELP** key, whichever is applicable to your keyboard.

## ***SafeNet/i Commands***

To use **SafeNet/i** commands instead of the menu structure, make sure you add PCSECLIB to your library list. Use the command:

**ADDLIBLE PCSECLIB**

You will find a complete list of all the **SafeNet/i** commands in Chapter 9, 'Special SafeNet/i Considerations' in the SafeNet/i Reference Guide.

## First Time Installation

Follow these steps to install **SafeNet/i** on your system for the very FIRST TIME.

**Important:** If you are upgrading to Version 11 from a previous version of SafeNet/i, see the Version 11 Upgrade Process in Chapter 2 of this guide.

**Please follow this link for downloads and documentation:**

<http://www.kisco.com/safenet/sndload11.htm>

As **SafeNet/i** is being installed, you will see several messages across the bottom of your screen indicating libraries are being loaded.

The installation process is complete when the SafeNet/i Main Menu is displayed.

```
SN1                               SafeNet/i Version 11                               2/28/24
MPA1                               Main Menu                               12:02:55
                                   Network Resource Security

Select one of the following:
1. Server Security Settings           Level Required   Fast Path
2. Special SafeNet Settings           All              WRKSRV
3. Alert Notification Settings
4. Additional FTP Settings
5. Work With Server IP Controls       3 or 4          WRKSRVIP
6. Telnet IP Controls and Auto Signon 3 or 4          WRKTCIPA

22. Special Jobs Menu (SN2)           26. Journaling Menu (SN6)
23. Setup Reports Menu (SN3)          27. User Settings Menu (SN7)
24. Analysis Reporting Menu (SN4)     28. Alt User Settings Menu (SN8)
25. Two-Factor Authentication Menu (SN2FA) 70. Expert User Menu (SNX)
                                           80. Install Menu  90. Signoff

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===> _

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel
F13=Information Assistant   F16=System main menu
```

Please make sure you review the ‘Additional Documentation Topics’ generated during the installation process for the latest **SafeNet/i** updates.

Now continue with **SafeNet/i Quickstart**; these instructions can be found in the SafeNet/i Implementation Guide.

**Important:** Once you have installed **SafeNet/i** and have completed the Quickstart, at the earliest opportunity you should either perform an IPL or end your system to a restricted state, then restart the system. This will ensure that all of the **SafeNet/i** components are fully activated.

### ***Reducing IPLs needed at install time***

The **SafeNet/i** user guide recommends an IPL prior to installing and activating the product. There is also an IPL that will be required when PTFs are applied from IBM. Since some installations run on a 24-hour basis, adding two IPLs can be a problem. To help, you can use the following procedure to combine these two IPLs into a single IPL.

- Load **SafeNet/i**, but do not change any initial settings.
- Load your IBM PTFs if necessary
- Do the single IPL

## Chapter 2 - UPGRADING TO A NEW RELEASE OF SAFENET/i

**Important:** If you are planning to upgrade to **SafeNet/i** Version 11, and you currently have Version 8 or below installed – **STOP HERE**. Please contact Kisco Information Systems at [Support@Kisco.com](mailto:Support@Kisco.com) for specific instructions and assistance.

There are two methods available to upgrade **SafeNet/i**:

Method A – Traditional Direct Installation

Method B – Automatic Unattended Upgrade Installation

Either method will result in a successful upgrade installation.

**Method A** is used for those situations where you can easily schedule some downtime for your system and you prefer to do a direct installation with operator supervision during the entire process.

**Method B** can be used as an alternate when scheduling downtime is a problem. Method B is a two-step process where the actual installation is done during an IPL of your system.

**Important Note:** You cannot use *Method B* when upgrading more than one release level.

**Please follow this link to obtain current upgrade instructions:**

<http://www.kisco.com/safenet/sndloadv11u.htm>



## Chapter 3 - INSTALLING PTFs

### *Remote PTF Update Service*

**SafeNet/i** supports distribution of program updates remotely via the Internet. When programs in **SafeNet/i** are updated or program fixes are required, Kisco Information Systems can send the updates directly to you via the Internet or as an e-mail with an attached file. This file, when loaded into a folder on your system, can be used to post program updates and changes to your copy of **SafeNet/i**.

Some PTFs come with additional instructions included in the email. Special instructions might include things like timing for the PTF installation, shutting down specific servers while the PTF install is running, along with other items to be aware of during the PTF process. Please make sure you review these additional instructions before you begin.

When you receive a PTF package from Kisco, you will be given an eight character PTF package name. To load and apply the PTF to your system, follow these steps:

1. Create a folder on your system named KISCO. You can do this with the following command:

**CRTFLR FLR(KISCO)**

*Note:* If you have received other PTFs from Kisco in the past, this folder may already exist on your system. There is no need to re-create it again at this point.

2. From a PC that is attached to your IBM i, move the PTF package file that you received from Kisco into this folder.

#### From a Windows client

You can simply use a copy function to accomplish this. A command similar to the following would work:

**copy c:\{PTF name} i:\qdl\kisco**

where {PTF name} is the PTF package name assigned to the file.

To use System i Navigator:

- Double click 'File Systems'
- Double click on 'File Shares'
- Double click on the 'QDLS' folder
- Double click to open the 'KISCO' folder
- Click on the PTF and drag it to the Kisco folder

After the PTF file has been copied to the KISCO folder:

1. Sign on to any terminal or terminal session as QSECOFR.
2. Type the following command:

**GO PCSECLIB/INSTALL**

3. When the menu is displayed, **select Option 6 – Process Kisco PTF Package**. This will prompt the KISPTF command on your terminal session.

When prompted by the command, enter the *eight character name* of the PTF package file.

Press **ENTER**. The PTFs will be loaded and applied to your copy of **SafeNet/i**.

During the PTF installation process, a printout of the PTF cover letter documentation will be created.

There may also be an additional printout containing documentation updates for **SafeNet/i** changes. Kisco recommends that you read these documents before starting to use **SafeNet/i** again.

All Kisco PTFs are loaded so that the prior version of any program object is saved. This will allow for the effects of a PTF to be reversed at a later time should a defect be identified in the PTF. This can only be done via direct instruction from a Kisco support representative.

***Please follow this link to obtain current PTF installation instructions:***

<http://www.kisco.com/safenet/support/snptfpst.htm>