

SafeNet/i Web-Central

Web-Central, which you can install as an optional part of SafeNet/i, is available at the Basic License level and above.

To obtain the most recent installation instructions, visit:

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

Accessing SafeNet via Web-Central:

After installing Web-Central, you will access SafeNet/i via a URL:

<http://YourServerIP:9669>

The default port is 9669.

Logging into Web-Central

You MUST log in to Web-Central using a SafeNet/i Administrator account. See SafeNet/i Menu SN7, Option 8 to create or view Administrator accounts.

Items to note while using Web-Central:

- Most icons are links to additional pages and maintenance programs
- Most pages and table cells have extensive hover-text that describes parameter usage and settings
- You can use your browser back button if necessary
- Web-Central utilizes color coding on some panels
 - ✓ Green – acceptable setting or result
 - ✓ Yellow – possible warning
 - ✓ Red – an error or intrusion event

For detailed information regarding SafeNet/i setup and maintenance, please refer to the manuals which can be found at this link: <http://www.kisco.com/safenet/sndload10.htm>

- SafeNet/i Install and Upgrade Guide
- SafeNet/i Implementation Guide
- SafeNet/i Reference Guide

Special Considerations:

You cannot use Web-Central for these SafeNet/i functions:

1. Install or remove SafeNet/i
2. Activate or de-activate SafetNet/i
3. Run the file purges
4. Run the Security Report or the Usage Reports
5. Start and/or stop the transaction logging job
6. DHCP Settings
7. Journaling reports or maintenance

You must use the standard SafeNet/i menu options for these functions.

SafeNet/i Web-Central Welcome Center

The *Welcome Center* is a dashboard that provides a snapshot of SafeNet/i status, activity and statistics.

You can easily find information regarding your version and license type at the *Welcome Center*. It even keeps track of your IBM i release level.

The screenshot shows the SafeNet/i Web-Central Welcome Center dashboard. The browser window title is "SafeNet/i WebCentral - Windows Internet Explorer" and the address bar shows "http://10.2.23.9669/SafeNet". The dashboard features a navigation menu on the left with items like "SafeNet/i", "Modify User Authorizations", "View Setup Reports", "Special Administration Functions", and "Support by Kisco". The main content area is titled "Welcome to SafeNet/i" and contains several data sections:

- Current SafeNet Status:** SafeNet/i Installation: Active; SafeNet/i Data Queue: Normal; SafeNet/i Logging Job: Active; Licensed up to Users: 9999; Current Defined Users: 17; Server Exit Points in Error: 0; Server Exit Points Disabled: 0; Server Exit Points Below Maximum: 14; Server Exit Points set to NO logging: 0; Server Exit Points set to log Rejections Only: 1.
- Transaction Activity:** Transactions for 2013-04-28: 21 Accepted; Transactions for 2013-04-27: 2 Accepted; Transactions for 2013-04-26: 1 Accepted; Transactions for 2013-04-25: 1 Accepted; Transactions for 2013-04-24: 1 Accepted; Transactions for 2013-04-23: 1 Accepted; Transactions for 2013-04-22: 66 Accepted; Transactions for 2013-04-21: 6 Accepted.
- File Stats:** History file size (MB): 1,009; History file record count: 960,402; Archive file size (MB): 2,376; Archive file member count: 2; Archive file record count: 2,268,369.
- Version Info:** Version Installed: 9.00; Date Installed: 2012/02/05; License Type: Enterprise; OS version is: V7R1M0; SafeNet/i Installation: Permanent.

At the bottom left, there is a logo for MP Associates, Inc. and copyright information: "SafeNet/i Copyright © 1997-2012 All Rights Reserved".

Keep in mind that most of the items listed are also links to the underlying maintenance screens.

The left navigation pane of the *Welcome Center* contains menus that provide links to SafeNet/i functions.

SafeNet/i Menus

Welcome Center link returns you to main dashboard

Open the *Executive Overview* > *Summary Report* link to see the Security Overview: Executive Report

The screenshot displays the SafeNet/i Web-Central interface in a Windows Internet Explorer browser window. The address bar shows the URL <http://10.2.2.3:9669/SafeNet>. The page title is "SafeNet/i Web-Central" and the subtitle is "Enhancing System | Security!". The interface includes a navigation menu on the left with options like "Welcome Center", "Executive Overview", "Summary Report", "Major System Settings", "Transaction Log", "Modify User Authorizations", "New Setup Reports", "Special Administration Functions", and "Support by Kisco". The main content area displays the "Security Overview: Executive Report" for the date 05/18/13 at 16:25. The report provides a summary of the system's status, including the installed version (9.00), release level (v7k1M0), and various configuration settings. A table lists active jobs, and the configuration settings are detailed below.

SafeNet/i Web-Central
Enhancing System | Security!

Security Overview: Executive Report

SafeNet/i Executive Summary *SUMMARY Date: 05/18/13, Time: 16:25

Current safenet/i installed version: 9.00

Initial safenet/i installed version: 9.00 - originated 2012/02/05

Current i/os Release Level: v7k1M0

Software version installed is SafeNet/i Enterprise

SafeNet/i is currently ACTIVE

SafeNet/i data queue is NORMAL

SafeNet/i journaling is active

SafeNet/i is Permanently installed

SafeNet/i license is for unlimited users

SafeNet/i currently has 00017 enrolled users

Current authorized serial number is: 10089EA

Serial number for this machine is: 10089EA

SAFELOGGING subsystem is currently active

Job Name	User	Number	Type	Status
SAFELOGGING	SAFENET	187518	BATCH	*ACTIVE
ALERTWATCH	SAFENET	188656	PJ	*ACTIVE

SafeNet/i Configuration settings:

- SafeNet/i is logging transactions to file and journal
- SafeNet/i is journaling all rule changes
- SafeNet/i allows incoming DDM commands
- SafeNet/i allows IBM folders to be read
- SafeNet/i allows IBM folders to be updated
- SafeNet/i is checking LONG path names
- SafeNet/i LONG path checking is right-to-left

Open the *Major System Settings* link to access settings for:

- Servers
- Special Environment
- Alert Notifications
- FTP
- TCP/IP Address Control
- Telnet Auto-Signon Control

Maintain Server Security Settings

Server Description	Max Security Level	Recommended Level	Current Security Level	Current Logging Level	Time of Day Control	Future Security Level
Distributed Data Management *DDM	*High	*High	*Med - Limited by User	All	No	*High - Limited by User
DRDA DB2 Database Access Rqt *DRDA	*Medium	*Medium	*Med - Limited by User	All	Yes	*Med - Limited by User
Original Data Queue Server *DQSRV	*High	*Low	*High - Limited by User+Obj	All	No	*Low - Unlimited Access
Original License Mgmt Server *LMSRV	*Medium	*Low	*Low - Unlimited Access	All	No	*Low - Unlimited Access
Original Message Server *MSGFCL	*Medium	*Low	*Low - Unlimited Access	All	No	*Low - Unlimited Access
Network Print Server - entry QNPSEVR	*Medium	*Low	*Low - Unlimited Access	Rejects	No	*Low - Unlimited Access
Network Print Server - spool file QNPSEVR	*High	*Low	*Low - Unlimited Access	All	No	*Low - Unlimited Access
File Server *FILESRV	*High	*High	*Med - Limited by User	All	No	*High - Limited by User
Original Remote SQL Server *RQSRV	*High	*High	*High - Limited by User+Obj	All	No	*High - Limited by User
Spooled File Security *SPLAUT	*High	*High	*Low - Unlimited Access	All	No	*Low - Unlimited Access
Change User Profile - After Change *CHGPRFA	*Low	*Low	*Low - Unlimited Access	All	No	*Low - Unlimited Access
Change User Profile - Before Change *CHGPRFB	*Low	*Low	*Low - Unlimited Access	All	No	*Low - Unlimited Access
Create User Profile *CRTPRF	*Low	*Low	*Low - Unlimited Access	All	No	*Low - Unlimited Access
Delete User Profile - After Delete *DLTPRFA	*Low	*Low	*Low - Unlimited Access	All	No	*Low - Unlimited Access
Delete User Profile - Before Delete *DLTPRFB	*Low	*Low	*Low - Unlimited Access	All	No	*Low - Unlimited Access

Buttons: Save, Cancel, Work with Customer Exit Play-its, Flip Current + Future Settings

The *Transaction Log* link brings you to the Historic Network Transaction Review.

Use this review to test your SafeNet/i settings. Filters allow you to select the records you wish to view or test.

The screenshot shows the 'Historic Network Transaction Review' page in a web browser. The page title is 'SafeNet/i Web-Central' with the tagline 'Enhancing System | Security!'. The interface includes a navigation menu on the left with options like 'Welcome Center', 'Executive Overview', 'Major System Settings', 'Transaction Log', 'Modify User Authorizations', 'View Setup Reports', 'Special Administration Functions', and 'Support by Kisco'. The main content area features a search and filter section with fields for 'From Date' (04232013), 'Thru Date' (04262013), 'Start Time' (0), and 'Status Filter' (ALL). It also includes a 'Refresh' button and a 'Test Level' dropdown set to 'Historical View'. Below the filters is a table with columns for Status, User, Server, Date, Time, Details, and IP Address. The table contains several rows of transaction data, all with a status of 'Accepted'. The details column shows information such as 'SAFENET *SPECIAL*04/23/13*23.45.00.733' and 'CVTSEC3RS FROMDATE(130413) TODATE(130413) TOLSB (QTEMP)'. The table ends with a blue bar indicating 'End of data matching selection filters.' The browser's address bar shows 'http://10.2.23.9669/SafeNet'.

This on-line transaction viewer defaults to a view of 300 records, which you can change by editing the number of rows and/or the width of the screen.

When using the *Transaction Review* for testing, it is recommended that you use a low record count to avoid the possibility of web page timeouts.

Modify User Authorizations Menus

Quick View displays a matrix of all SafeNet/i user profiles, providing an easy method to administer users.

After you add and set up all your SafeNet/i users, using the specific maintenance methods, you can easily change, copy or remove users via the *Quick View* matrix.

The screenshot shows the SafeNet/i Web-Central interface in a Windows Internet Explorer browser. The page title is "SafeNet/i Web-Central" with the tagline "Enhancing System | Security!". The interface includes a navigation menu on the left with options like "Modify User Authorizations", "View Setup Reports", and "Special Administration Functions". The main content area displays a "Quick View of Enrolled Users" table with columns for Profile, Description, and various authorization types (SRV, OBJ, SQL, F, T, P, C, M, D, I, F, S, T, O, D). Each row includes "Copy" and "Delete" buttons.

Profile	Description	SRV	OBJ	SQL	F	T	P	C	M	D	I	F	S	T	O	D	Actions
*Public	Public Users	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	Copy Delete
ANONYMOUS	Anonymous User Profile (For FTP) anonftp dir	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	Copy Delete
EEL	EL	★	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	Copy Delete
ELEONARD	EL II	★	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	Copy Delete
LBARBIERI	LB	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	Copy Delete
MBJONES	Malcolm B. Jones	★	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Delete
MJONES	Malcolm	✓	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Copy Delete
PAYDEPT		+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	Copy Delete
QAS400NT	test safenet profile for NACG	✓	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Copy Delete
QFNC	IBM-supplied User Profile	✓	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Copy Delete
QPGMR	Programmer and Batch User	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	Copy Delete
QSECOFR	Security Officer	✓	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Copy Delete
QSYSOPR	System Operator	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	Copy Delete
QTMHHTP1	HTTP Server CGI User Profile	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	Copy Delete
QTMHHTP	HTTP Server User Profile	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	✓	+	Copy Delete
QUSER	Work Station User	✓	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Copy Delete

While in the User Matrix:

- Icons will have hover-text
- Using the Copy or Delete functions in the matrix will copy or delete ALL of the specific user settings
- To copy or delete only a specific set of authorities for a user, enter the maintenance panel (Objects, SQL, FTP, for example) and select the option for Copy or Delete from there.

View Setup Reports Menus

All the various SafeNet/i reports can be run using these Web-Central links

Server Settings Report

The screenshot displays the SafeNet/i Web-Central interface in a Windows Internet Explorer browser window. The address bar shows the URL <http://10.2.23.9669/SafeNet>. The page title is "SafeNet/i Web-Central" and the main heading is "SafeNet/i Web-Central Enhancing System i Security!". A "Logout" link is visible in the top right corner.

The left sidebar contains a navigation menu with the following items:

- SafeNet/i
- Modify User Authorizations
- New Setup Reports
 - Server Settings**
 - User to Server Authorizations
 - User to SQL Statements
 - User to Object Authorizations
 - User to FTP Statements
 - User to CL Commands
 - User to Long Path (IFS) Authorizations
 - SafeNet Super-Users
 - SafeNet Administrators
 - Swap Profile Setup
 - Additional TCP/IP Control Settings
 - Time of Day Control Settings
- Special Administration Functions
- Support by Kisco
- Support provided by Kisco Information Systems

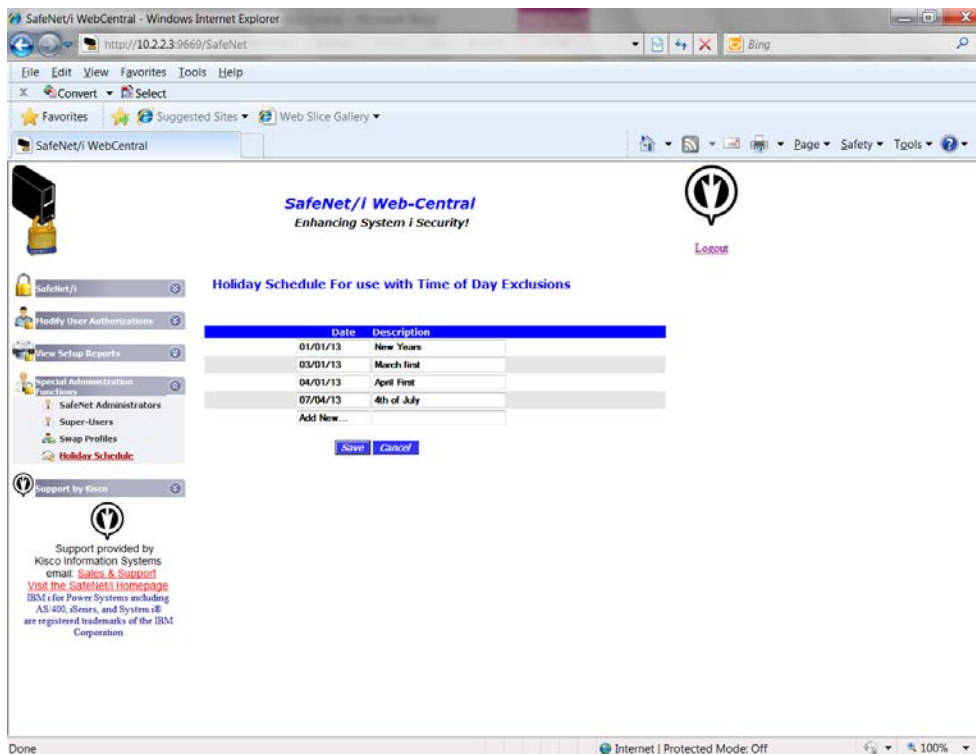
The main content area displays a "SafeNet/i Server Status Report for System: MPA1" dated 5/18/13. The report is presented as a table with the following columns: Server Description, Current Status, Status Description, Max Level Supported, Time of Day Active?, and Logging Level. The data is as follows:

Server Description	Current Status	Status Description	Max Level Supported	Time of Day Active?	Logging Level
Distributed Data Management	*DDM 3	Limited by user	4	N	ALL
DRDA DB2 Database Access Rqst	*DRDA 3	Limited by user	3	Y	ALL
Original Data Queue Server	*DQSRV 4	Limited by user & obj	4	N	ALL
Original License Mgmt Server	*LMSRV 1	unlimited Access	3	N	ALL
Original Message Server	*MSGFCL 1	unlimited Access	3	N	ALL
Network Print Server - entry	*QNPSERV 1	unlimited Access	3	N	REJECTS
Network Print Server - spool File	*QNPSERV 1	unlimited Access	4	N	ALL
File Server	*FILESRV 3	Limited by user	4	N	ALL
original Remote sql server	*RQSRV 4	Limited by user & obj	4	N	ALL
spooled File Security	*SPLAUT 1	unlimited Access	4	N	ALL
Change user Profile - After Change	*CHGPRFA 1	unlimited Access	1	N	ALL
Change user Profile - Before Change	*CHGPRFB 1	unlimited Access	1	N	ALL
Create user profile	*CRTPRF 1	unlimited Access	1	N	ALL
Delete user Profile - After Delete	*DLTPRFA 1	unlimited Access	1	N	ALL
Delete user Profile - Before Delete	*DLTPRFB 1	unlimited Access	1	N	ALL
restore user profile	*RSTPRF 1	unlimited access	1	N	ALL
original File transfer function	*FTRFCL 4	Limited by user & obj	4	N	ALL
Telnet Device Initialization	*TELNETDN 1	unlimited Access	3	N	ALL
Telnet Device Termination	*TELNETDF 1	unlimited Access	1	N	ALL
FTP Client Request Validation	*FTPCLENT 1	unlimited Access	4	N	ALL
FTP Server Request Validation	*FTPSERVER 4	Limited by user & obj	4	N	ALL
FTP Server Logon	*FTPLGON3 3	Limited by user	3	N	ALL
REXEC Server Request Validation	*REXSERVER 4	Limited by user & obj	4	N	ALL
REXEC Server Logon	*REXLOGON2 3	Limited by user	3	N	ALL
DHCP Address binding notify	*DHKPB 1	unlimited access	1	N	ALL

Special Administration Functions Menus

Display and maintain:

- SafeNet/i Administrators
- SafeNet/i Super Users
- Swap Profiles
- Holiday Schedule



The screenshot shows the SafeNet/i Web-Central interface in a Windows Internet Explorer browser window. The address bar shows the URL <http://10.2.2.3:9669/SafeNet>. The page title is "SafeNet/i Web-Central" and the tagline is "Enhancing System i Security!". The interface includes a navigation menu on the left with options like "SafeNet/i", "Modify User Authorizations", "View Setup Reports", "Special Administration Functions", "SafeNet Administrators", "Super-Users", "Swap Profiles", and "Holiday Schedule". The "Holiday Schedule" option is selected. The main content area displays the "Holiday Schedule For use with Time of Day Exclusions" page, which contains a table with the following data:

Date	Description
01/01/13	New Years
03/01/13	March first
04/01/13	April First
07/04/13	4th of July
Add New...	

Below the table are "Save" and "Cancel" buttons. The bottom of the page features a "Support by Kisco" section with contact information for Kisco Information Systems, including an email address "Sales & Support" and a link to the "SafeNet/i homepage". The status bar at the bottom indicates "Internet | Protected Mode: Off" and "100%" zoom level.