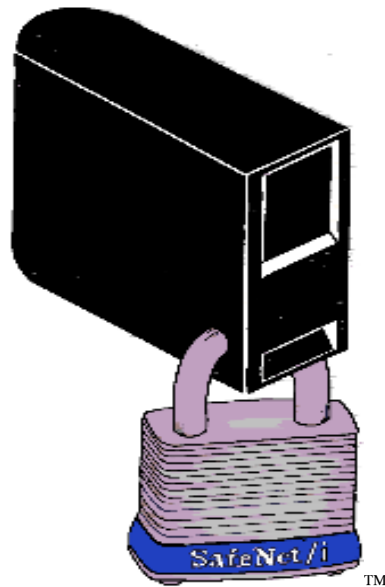


**SafeNet/i**

**FOR IBM i**

**WEB-CENTRAL  
GUIDE**

**Version 11**



## How to contact us

Direct all inquiries to:

Kisco Systems LLC  
54 Danbury Rd  
Suite 439  
Ridgefield, CT 06877

Phone: (518) 897-5002  
Email: [support@kisco.com](mailto:support@kisco.com)

SafeNet/i Website: [www.safeneti.com](http://www.safeneti.com)

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

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

## *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/Safenet>

*The default port is 9669.*

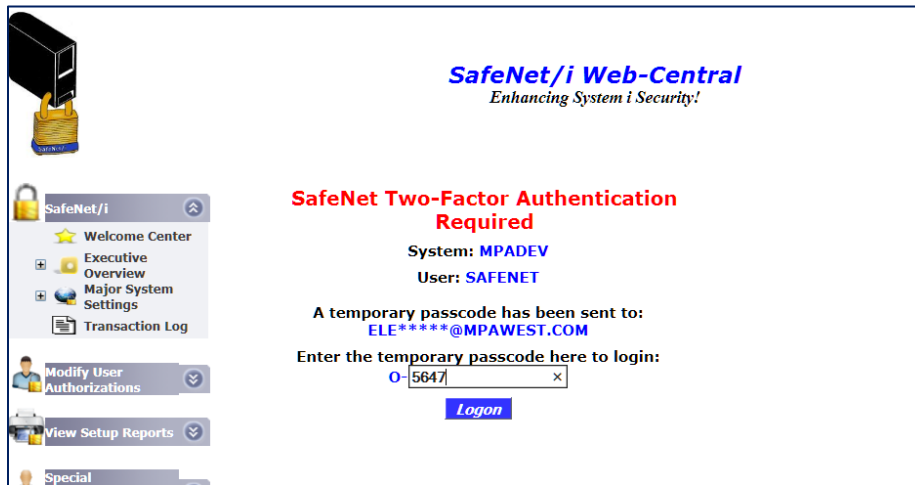
### *Logging into Web-Central*

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.

## *Using Multi-Factor Authorization to control access to Web-Central*

You can control access to Web-Central using **SafeNet/i 2FA**

Users will be prompted to enter a passcode when they attempt to log into Web-Central



For instructions on how to configure 2FA settings for Web-Central, see Chapter 3 in the [SafeNet/i Two-Factor Authentication Guide](#)

### *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: <https://www.kisco.com/safenet/sndload.html>

- *SafeNet/i Install and Upgrade Guide*
- *SafeNet/i Implementation Guide*
- *SafeNet/i Reference Guide*
- *SafeNet/i Two-Factor Authentication Guide*

### *Special Considerations:*

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

1. Install or remove **SafeNet/i**
2. Activate or de-activate **SafeNet/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.

**SafeNet/i Web-Central**  
Enhancing System i Security!

Logout

**Welcome to SafeNet/i**

**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:	20
Server Exit Points in Error:	0
Server Exit Points Disabled:	0
Server Exit Points Below Maximum:	20
Server Exit Points set to NO logging:	0
Server Exit Points set to log Rejections Only:	0

**Transaction Activity**

Transactions for: 2022-05-23	11 Accepted
Transactions for: 2022-05-22	36 Accepted
Transactions for: 2022-05-21	51 Accepted
Transactions for: 2022-05-20	50 Accepted
Transactions for: 2022-05-19	52 Accepted
Transactions for: 2022-05-18	123 Accepted
Transactions for: 2022-05-17	202 Accepted
Transactions for: 2022-05-16	87 Accepted
Last Alerts:	2022-02-16@10:02:41

**File Stats**

History file size (MB)	255
History file record count	29,481
Archive file size (MB)	
Archive file member count	0
Archive file record count	

**Version Info**

Version Installed:	11.0a
Date Installed:	2018/03/14
License Type:	Basic
OS version is:	V7R3M0
SafeNet/i Installation:	Permanent

Support provided by Kisco Systems LLC  
email: Sales & Support  
Visit the SafeNet/i Homepage  
IBM i for Power Systems including AS/400, iSeries, and System i®

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. At the top center, the text reads "SafeNet/i Web-Central" with the tagline "Enhancing System i Security!". To the right is a "Logout" button with a circular arrow icon. On the left is a navigation menu with the following items: "Welcome Center", "Executive Overview", "Summary Report" (highlighted in red), "Major System Settings", "Transaction Log", "Modify User Authorizations", "View Setup Reports", "Special Administration Functions", and "Support by Kisco". Below the menu is a "Support provided by Kisco Systems LLC" logo. The main content area shows a table of active jobs and configuration settings.

Job Name	User	Number	Type	Status
SN2FASENR	SAFENET	308546	BATCH	*ACTIVE
QWATCHER	SAFENET	324822	BATCH	*ACTIVE
SAFELOGING	SAFENET	324845	BATCH	*ACTIVE
ALERTWATCH	SAFENET	324846	PJ	*ACTIVE
QPADEV0003	SAFENET	324911	I	*ACTIVE

SafeNet/i Configuration settings:

- SafeNet/i is logging transactions to file only
- SafeNet/i is journaling all rule changes
- SafeNet/i allows incoming DDM commands
- SafeNet/i allows IBM folders to be read
- SafeNet/i does not allow updates to IBM folders
- SafeNet/i is checking LONG path names
- SafeNet/i is checking generic paths left-to-right
- SafeNet/i profile swapping is optional
- SafeNet/i is controlling DDM by User Profile
- SafeNet/i supports Group Profile rules
- SafeNet/i alert notification is active

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

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

The screenshot shows the SafeNet/i Web-Central interface. At the top, there is a navigation menu on the left with options like 'Welcome Center', 'Executive Overview', 'Major System Settings', 'Server Settings', 'Special Environment Settings', 'Alert Notifications', 'Special Environment Settings for FTP', 'TCP/IP Address Control Settings', 'Telnet Auto-Signon Controls', and 'Transaction Log'. The main content area is titled 'Exit Point Server Security Settings' and contains a table with the following data:

Server Description	Max Security Level	Recommended Level	Current Security Level	Current Logging Level	Time of Day Control	IP Address Controls	Future Security Level
Distributed Data Management *DDM	*High	*High	*High - Limited By User+Obj	All	Off	Off	*High - Limited By User
DRDA DB2 Database Access Rqst *DRDA	*High	*Medium	*Low - Unlimited Access	All	Off	Off	*Med - Limited by User
Original Data Queue Server *DQSRV	*High	*Low	*Low - Unlimited Access	All	Off	Off	*High - Limited By User
Original License Mgmt Server *LMSRV	*Medium	*Low	*Low - Unlimited Access	All	Off		*Low - Unlimited Ac
Original Message Server *MSGFCL	*Medium	*Low	*Low - Unlimited Access	All	Off		*Low - Unlimited Ac
Network Print Server - entry QNPSEVR	*Medium	*Low	*Low - Unlimited Access	All	Off	Off	*Med - Limited by U



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.

**SafeNet/i Web-Central**  
Enhancing System I Security

**Historic Network Transaction Review**

User Filter:  From Date: 05232022 MMDDYYYY Sequence: \*Ascending  
 Thru Date: 05232022 MMDDYYYY #Rows: 300 (1-999) Width: 900 (1-1100)  
 Server Filter: \*ALL Start Time: 0 hhmms Test Level: Historical View  
 Status Filter: \*ALL Refresh

Status	User	Server	Date	Time	Details	IP Address
*Accepted	SAFENET	*FTPCLIENT	*05/23/22	*02.14.56.504	* Connect to External FTP Server: 172.31.1.4	* 172.31.1.4
*Accepted	SAFENET	*FTPCLIENT	*05/23/22	*02.14.57.213	* /QSYS.LIB/QTEMP.LIB	* 172.31.1.4
*Accepted	SAFENET	*FTPCLIENT	*05/23/22	*02.14.58.243	* Set Current Dir * /QSYS.LIB/QTEMP.LIB/TEMPSAVF.FILE	* 172.31.1.4
*Accepted	SAFENET	*FTPCLIENT	*05/23/22	*02.16.03.010	* Sending Of Files * Connect to External FTP Server: 172.31.1.4	* 172.31.1.4
*Accepted	SAFENET	*FTPCLIENT	*05/23/22	*02.16.03.319	* /QSYS.LIB/QTEMP.LIB	* 172.31.1.4
*Accepted	SAFENET	*FTPCLIENT	*05/23/22	*02.16.03.603	* Set Current Dir * /QSYS.LIB/QTEMP.LIB/TEMPSAVF.FILE	* 172.31.1.4
*Accepted	SAFENET	*SPECIAL	*05/23/22	*02.22.20.858	* STEPIP /* SAFENET LOGGING STARTED */	*
*Accepted	EEL	*SIGNON	*05/23/22	*12.15.40.707	* Session Connect	* 10.2.2.120
*Accepted	EEL	*CNTRLSRV	*05/23/22	*12.15.43.665	* P5722XE	* 10.2.2.120
*Accepted	EEL	*CNTRLSRV	*05/23/22	*12.15.43.720	* P5722XE	* 10.2.2.120
*Accepted	QSYS	*TELNETON	*05/23/22	*12.15.46.136	* 10.2.2.120	* 10.2.2.120

End of data matching selection filters.

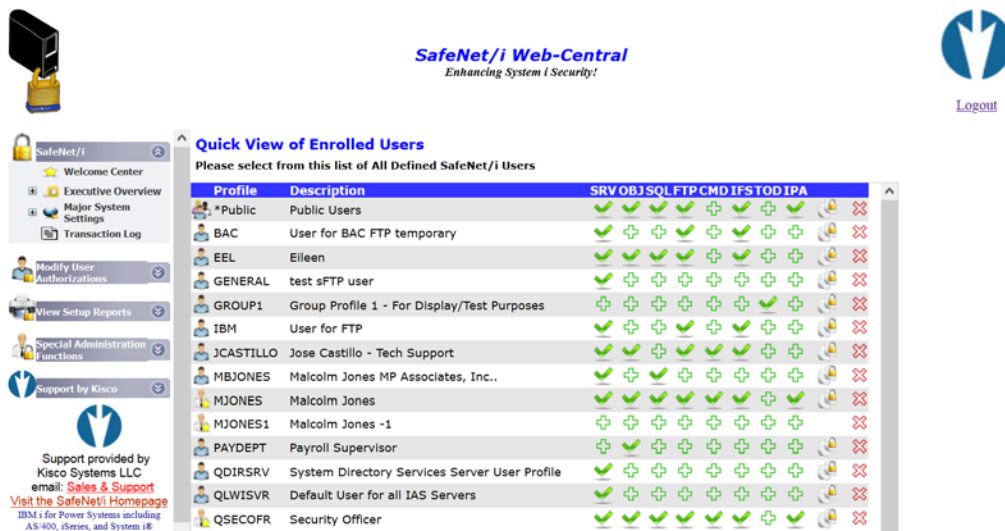
This on-line transaction viewer defaults to a view of 300 records, which you can change by editing the number of rows and/or the width of the screen.

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 displays the **SafeNet/i Web-Central** interface. At the top, it says "SafeNet/i Web-Central" with the tagline "Enhancing System i Security!". On the right, there is a "Logout" button. The main content area is titled "Quick View of Enrolled Users" and contains a table of user profiles. The table has columns for Profile, Description, and various authorization types (SRV, OBJ, SQL, FTP, CMD, IFS, TOD, IPA). Each cell in the table contains a green checkmark, a plus sign, or a red X icon, indicating the status of the authorization for that user.

Profile	Description	SRV	OBJ	SQL	FTP	CMD	IFS	TOD	IPA
*Public	Public Users	✓	+	+	+	+	+	+	✗
BAC	User for BAC FTP temporary	✓	+	+	+	+	+	+	✗
EEL	Eileen	✓	+	+	+	+	+	+	✗
GENERAL	test sFTP user	✓	+	+	+	+	+	+	✗
GROUP1	Group Profile 1 - For Display/Test Purposes	+	+	+	+	+	+	+	✗
IBM	User for FTP	✓	+	+	+	+	+	+	✗
JCASTILLO	Jose Castillo - Tech Support	✓	+	+	+	+	+	+	✗
MBJONES	Malcolm Jones MP Associates, Inc..	✓	+	+	+	+	+	+	✗
MJONES	Malcolm Jones	✓	+	+	+	+	+	+	✗
MJONES1	Malcolm Jones -1	+	+	+	+	+	+	+	✗
PAYDEPT	Payroll Supervisor	+	+	+	+	+	+	+	✗
QDIRSRV	System Directory Services Server User Profile	✓	+	+	+	+	+	+	✗
QLWISVR	Default User for all IAS Servers	✓	+	+	+	+	+	+	✗
QSECOFR	Security Officer	✓	+	+	+	+	+	+	✗

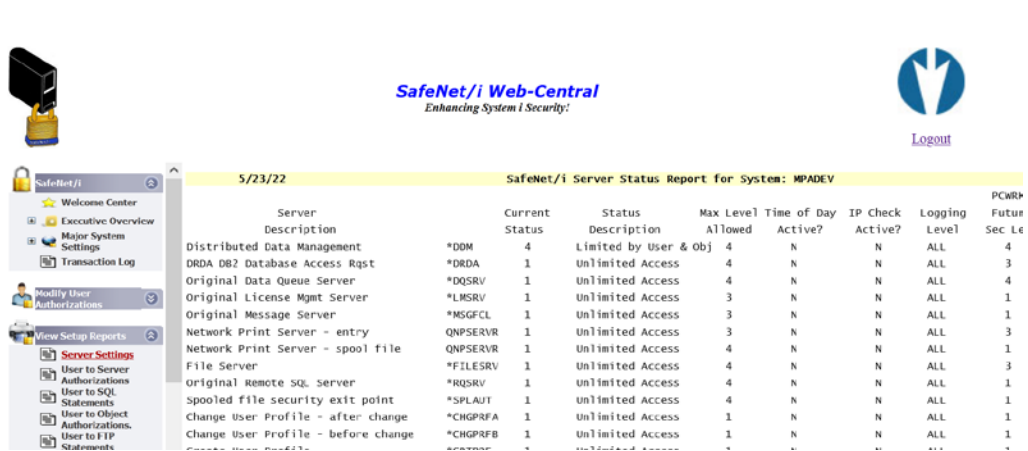
While in the User Matrix:

- 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



**SafeNet/i Web-Central**  
Enhancing System I Security

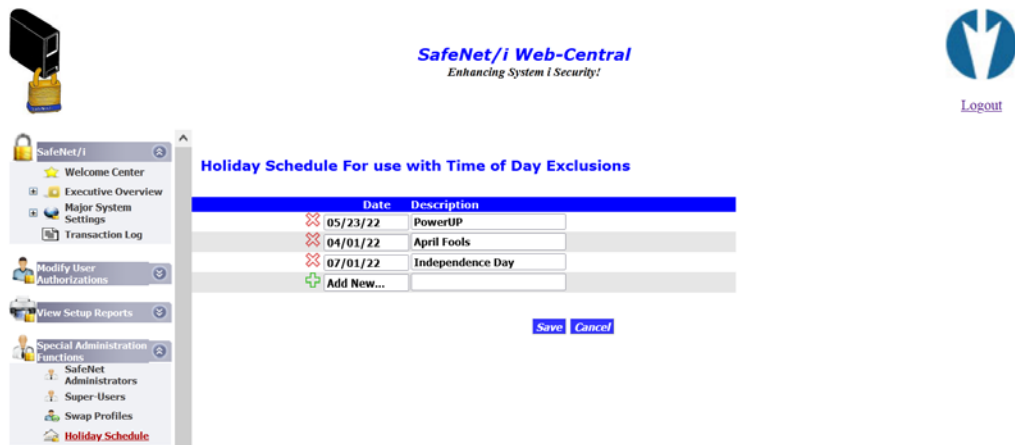
5/23/22 SafeNet/i Server Status Report for System: MPADEV

Server	Current Status	Status Description	Max Level Allowed	Time of Day Active?	IP Check Active?	Logging Level	PCWR Futur Sec Le
Distributed Data Management	*DDM 4	Limited by User & Obj	4	N	N	ALL	4
DRDA DB2 Database Access Rqst	*DRDA 1	Unlimited Access	4	N	N	ALL	3
Original Data Queue Server	*DQSRV 1	Unlimited Access	4	N	N	ALL	4
Original License Mgmt Server	*LMSRV 1	Unlimited Access	3	N	N	ALL	1
Original Message Server	*MSGFCL 1	Unlimited Access	3	N	N	ALL	1
Network Print Server - entry	QNPSEVR 1	Unlimited Access	3	N	N	ALL	3
Network Print Server - spool file	QNPSEVR 1	Unlimited Access	4	N	N	ALL	1
File Server	*FILESRV 1	Unlimited Access	4	N	N	ALL	3
Original remote SQL Server	*RQSRV 1	Unlimited Access	4	N	N	ALL	1
Spooled file security exit point	*SPLAUT 1	Unlimited Access	4	N	N	ALL	1
Change User Profile - after change	*CHGPRFA 1	Unlimited Access	1	N	N	ALL	1
Change User Profile - before change	*CHGPRFB 1	Unlimited Access	1	N	N	ALL	1

## Special Administration Functions Menus

Display and maintain:

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



The screenshot displays the SafeNet/i Web-Central interface. At the top, the logo "SafeNet/i Web-Central" is centered, with the tagline "Enhancing System I Security!" below it. To the right is a "Logout" button. On the left is a navigation menu with categories: "Welcome Center", "Major System Settings", "Transaction Log", "Modify User Authorizations", "View Setup Reports", and "Special Administration Functions". Under "Special Administration Functions", the "Holiday Schedule" option is highlighted. The main content area is titled "Holiday Schedule For use with Time of Day Exclusions" and contains a table with the following data:

Date	Description
05/23/22	PowerUP
04/01/22	April Fools
07/01/22	Independence Day
Add New...	

At the bottom right of the table area, there are "Save" and "Cancel" buttons.