

SpoolMover/400

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Kisco Information Systems
89 Church Street
Saranac Lake, New York 12983

Phone: (518) 897-5002
FAX: (518) 897-5003
E-mail: Sales@Kisco.com
WWW: <http://www.kisco.com/spoolmover400>
Customer Support: <http://www.kisco.com/spoolmover400/support>

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Introduction

SpoolMover/400 is a system utility for your IBM i5-iSeries-AS/400 (iSeries in this documentation) system. It lets you to take reports from your print spool and send them to any other iSeries system anywhere in the world using the Internet. SpoolMover/400 is implemented so that you do not have to have any programming installed at the remote system where the report will be placed. Spool files can be sent manually or automatically.

Overview

SpoolMover/400 processes spool files on your iSeries system and extracts them in OS/400 internal spool file format. It then packages them into a compatible format and sends them, using OS/400 FTP (File Transport Protocol) to any remote iSeries system you choose.

Part of the packaged information sent includes programming needed at the remote site to restore the spool file at the remote system. During the FTP session, the programming is temporarily restored and then run to restore the spool file at the output queue location specified by your send request. When the operation is completed, all of the temporary programming and work files are removed from both you local system and the remote system.

If you want to transfer spool files to a remote system automatically, you can use SpoolMover/400's automatic routing capability to send them without any manual intervention. Just set up a routing instruction and start the automatic routing monitor.

Installation and Security

Specific installation instructions are covered in the section of this manual titled "Installation". To install your product on trial, follow those instruction. SpoolMover/400 can be installed from distribution media supplied by Kisco Information Systems or from a download file from the Internet. The initial installation will allow SpoolMover/400 to run on your system for a period of at least thirty days. At the end of the trial period, the software will no longer function.

When you decide to keep SpoolMover/400, you must send your payment to Kisco Information Systems. At that time, KIS must know the full serial number for your system. If you are not sure of your serial number, you can display it by using the following command:

```
DSPSYSVAL QSRLNBR
```

When KIS receives your payment and serial number, they will issue a password to you. This password, when applied, will certify your copy of SpoolMover/400 and will permanently

activate the software on your system. The password and certification instructions will be provided in writing (by fax if your fax number is provided, otherwise by mail).

Kisco Software Support

Kisco Information Systems provides unlimited software support during your first year of ownership. This includes the time during your free trial. Following the first year of ownership, there is a modest fee structure to maintain support for your software.

The Kisco support policy program works as follows:

1. First year support will continue to be FREE! This will include unlimited telephone support, unlimited E-mail support, free release updates and free license transfers.
2. After the first year, an annual charge will apply for support and software maintenance.
3. Support covered by this annual fee includes:
 - a. Unlimited telephone support (518-897-5002)
 - b. Unlimited E-mail support (Support@kisco.com)
 - c. Defect analysis and correction
 - d. Free updates to correct known defects (Kisco PTFs)
 - e. Free license transfers (when you move to a different system)

At the end of your first year of ownership, you will receive an invoice from us for your first year's maintenance charge. Non-payment of this invoice will be taken to mean that you decline maintenance.

World Wide Web Support

You can now use the World Wide Web to reach us and to obtain software support information. Just set your web browser to our URL at:

<http://www.kisco.com>

Support information specifically for SpoolMover/400 can be found at URL:

<http://www.kisco.com/spoolmover400/support>

At our Website, you will find:

- Product information about all Kisco software products for the IBM Midrange market.
- Customer support information including:
 - ▶ Latest release level information for all products
 - ▶ Technical bulletins
 - ▶ Descriptions for recent enhancements to products
 - ▶ E-mail contact information for getting in touch with us
- Information about consulting services available from Kisco Information Systems.
- Registration for automatic notification about SpoolMover/400 enhancements and changes.
- and more

The first time you visit the Customer support section of our website for SpoolMover/400, be sure to register for automatic notification. Once you are registered, we will automatically send Email notices to you about upgrades, enhancements and fixes for SpoolMover/400 as soon as they become available.

We invite you to visit our Website, use the contact features to let us know what you think. We're always looking for ways to better serve you, our customer.

The Master Menu

The main menu used by SpoolMover/400 is called MASTER and is found in the library KISSPLMOV. There are several ways to display the menu. You can issue the following GO command from any terminal command line:

```
GO KISSPLMOV/MASTER
```

This method does not require that the library name be added to your library list. You can also add the library to your library list and display the menu with an easier format. To add the library to your library list, enter the following:

```
ADDLIBLE KISSPLMOV
```

Following this add, you can display the menu by keying the following:

```
GO MASTER
```

The main SpoolMover/400 menu appears as follows:

```

MASTER
QSECOFR                                     KISCO

                SpoolMover/400 Master Menu

1. Work With SpoolMover/400                WRKSPLMOVR
2. Move Spool File                          SPLMOVR
3. Move All Files in a Queue                SPLMOVQ

6. Update Automatic Routing Table           WRKSPLRTR
7. Start SpoolMover/400 Automatic Routing   STRSPLRTR
8. End SpoolMover/400 Automatic Routing     ENDSPLRTR

10. Copy Spool File Locally                 CRTDUPSPLF

20 To Install Menu

90 Sign Off

                (c) 2005 Kisco Information Systems

====> _____

```

Each menu option handles the following functions. Each function is described in more detail later in this manual:

- | | |
|---|---|
| 1. Work With SpoolMover/400 | Displays a list of spool files on your system according to selection filters and lets you select and send them to any destination machine and output queue. You can also decide to send them all in the same operation. |
| 2. Move Spool File | Sends a specific spool file entry to the destination machine and output queue specified on the command. |
| 3. Move All Files in a Queue | Sends all of the spool files in a specific output queue to your remote system. Additional filters allow selection by user, form and USRDTA information. |
| 6. Update Automatic Routing Table | Lets you maintain the list of automatic spool file routing instructions. |
| 7. Start SpoolMover/400 Automatic Routing | Starts the automatic routing monitor on your system. |
| 8. End SpoolMover/400 Automatic Routing | Ends the automatic routing monitor on your system. |
| 10. Copy Spool File Locally | This utility lets you create a copy of a spool file on your local system without sending it to the remote site. |
| 20. To Install Menu | Displayed the INSTALL menu for SpoolMover/400. |
| 90. Signoff | Lets you terminate your session. |

Work With SpoolMover/400

When you select menu option #1 from the MASTER menu (or prompt the WRKSPLMOVR command), the following filter selection screen will be displayed:

```

                                Work With SpoolMover/400 (WRKSPLMOVR)

Type choices, press Enter.

Select files for user . . . . . *CURRENT      Name, *CURRENT, *ALL
Print device . . . . . *ALL                Name, *ALL, *OUTQ
Form type . . . . . *ALL                  Form type, *ALL, *STD
User data . . . . . *ALL                  User data, *ALL

                                                                 Bottom
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys

```

Enter the parameters on this screen as follows:

- | | |
|-----------------------|--|
| Select files for user | Enter the user profile of the spool file(s) you want to work with. If it is the profile you are logged on with, use the default value of *CURRENT. If you want to see entries for all user profiles, use the special value *ALL. |
| Print device | Enter the output queue or device name of the spool file(s) you want to work with. The special value *ALL will select all output queues. To work with your current output queue spool files, use the value *OUTQ. |
| Form type | To limit the display to spool files with a specific form type, enter that value here. |
| User data | To limit the display to spool files with a specific user data field value, enter that value here. |

When you have filled in the parameters desired, press ENTER and the following display will appear on your display:

Work With SpoolMover/400							WRKSPL	
Type options, press Enter.								
1=SpoolMover/400			3=Copy Spool File		5=View Spool File		8=File Info	
	Device		Total		File		File	
Opt	Filename	User Prof	or Queue	Sts	Pages	Form Type	Date	Time
	UMBSPF4P	QSECOFR	WRPRT	HLD	2	*STD	03/01/05	11:10:50
	OESMIRPT	QSECOFR	WRPRT	HLD	1	*STD	05/04/04	09:32:29
	UMBSPF4P	QSECOFR	WRPRT	SAV	2	*STD	05/24/04	12:37:53
F3=Exit								Bottom
F5=Refresh			F9=Send All					

This display will show a list of the spool files on your system that meet the filter values just entered. From this screen, you can select one of the following three options:

<u>Option</u>	<u>Description</u>
1	This option will prompt the SPLMOVR (menu option #1) command with the spool file identification fields already filled in. This is a quick way to get a start on sending the spool file.
3	Will prompt the CRTDUPSPLF (menu option #3) command with the spool file identification fields already filled in. This is a quick way to get a start on creating a local copy of a spool file.
5	Will display the spool file contents (if possible) on your display session.
8	Will display information about the selected spool file.

From this screen, you can also choose to send all of the spool files show on the display together. Use the F9 function key and the correct form of the SPLMOVQ command will be prompted.

Move Spool File

When you select menu option #2 from the MASTER menu, or prompt the SPLMOVR command, the following screen will be displayed:

Spool File Mover (SPLMOVR)		
Type choices, press Enter.		
Spooled file name	_____	Name
Job name	<u>*CURRENT</u>	Name, *CURRENT
User	_____	Name
Number	_____	000000-999999
Spooled file number	<u>*ONLY</u>	1-9999, *ONLY, *LAST
Destination System	_____	
<hr/>		
FTP Name format	<u>*LIB</u>	*LIB, *PATH
User Profile	<u>*CURRENT</u>	*CURRENT, User profile
Password	_____	Character value
Output queue	_____	Name of queue in library list
		Bottom
F3=Exit	F4=Prompt	F5=Refresh
F10=Additional parameters	F12=Cancel	
F13=How to use this display	F24=More keys	

Fill in the parameters as follows:

- | | |
|----------------------|--|
| Spooled file name | Enter the name of the spool file to be sent. |
| Job name/User/Number | Enter the job name, user profile and job number for the spool file to be sent. If the spool file was created by your current job, you can use the special value *CURRENT. |
| Spooled file number | Enter the spooled file number for the spool file to be sent. |
| Destination System | Enter the IP address for the remote iSeries system where you want to place the spool file. This address can be in IP numeric format (ie: 10.1.2.5) or you can use a valid named alternative (ie: host.mysite.com). See the section of this manual about Configuration for more information about this parameter. |
| FTP Name format | If the remote system had FTP configured for library format |

naming, use the default value of *LIB. This is the normal value for most systems. If the remote system is using path format naming, then change this parameter to *PATH. Use the CHGFTP command at the remote location to verify the correct option to use.

User Profile

Enter the user profile you want to use when connecting to the remote system. This must be a valid user profile at the remote location. If you want to use the same user profile that you are currently logged on with, use the special value *CURRENT.

Password

Enter the current password for the user profile at the remote system location. Note: the password will not display when you enter it.

Output queue

Enter the output queue location where you want the report placed on the remote system. This output queue must be in a library that is on the system library list at the remote location.

Optional parameters:

From the above prompt screen, you can press the F10 function key to gain access to two additional and optional parameters as follows:

OS/400 Release Level

SpoolMover/400 defaults to a setting that considers that the remote location is running the same level of OS/400 as the local system. If this is not the case, then you must change this parameter to match the level of OS/400 in use at the remote site.

Debug trace option

The default setting is that no trace information will be produced during the spool file transfer. If you would like to see a trace of the FTP activity during the transfer, change this value to *TRACE. When the transfer is complete, a one page recap will be produced.

After entering the parameters that you want to use for this spool file transfer, press the ENTER key. Status messages will be displayed on the bottom of the screen that will let you know what is happening during the process. When the screen returns to the menu, the spool file will be available in the designated output queue on the remote system.

Move All Files in a Queue

When you select menu option #3 from the MASTER menu, or prompt the SPLMOVQ command, the following screen will be displayed:

SpoolMover Queue Group (SPLMOVQ)		
Type choices, press Enter.		
Select files for user	*CURRENT	Name, *CURRENT, *ALL
Print device	*ALL	Name, *ALL, *OUTQ
Form type	*ALL	Form type, *ALL, *STD
User data	*ALL	User data, *ALL
Destination System		
FTP Name format	*LIB	*LIB, *PATH
User Profile	*CURRENT	*CURRENT, User profile
Password		Character value
Output queue		Name of queue in library list
Spool file action	*LEAVE	*LEAVE, *CANCEL, *HOLD
		Bottom
F3=Exit	F4=Prompt	F5=Refresh
F13=How to use this display	F10=Additional parameters	F12=Cancel
	F24=More keys	

Fill in the parameters as follows:

- | | |
|-----------------------|---|
| Select files for user | Enter the user profile of the spool file(s) you want to send. If it is the profile you are logged on with, use the default value of *CURRENT. If you want to see entries for all user profiles, use the special value *ALL. |
| Print device | Enter the output queue or device name of the spool file(s) you want to send. The special value *ALL will select all output queues. To send spool files from your current output queue, use the value *OUTQ. |
| Form type | To limit what you send to spool files with a specific form type, enter that value here. |
| User data | To limit what you send to spool files with a specific user data field value, enter that value here. |

Destination System	Enter the IP address for the remote iSeries system where you want to place the spool file. This address can be in IP numeric format (ie: 10.1.2.5) or you can use a valid named alternative (ie: host.mysite.com). See the section of this manual about Configuration for more information about this parameter.
FTP Name format	If the remote system has FTP configured for library format naming, use the default value of *LIB. This is the normal value for most systems. If the remote system is using path format naming, then change this parameter to *PATH. Use the CHGFTP command at the remote location to verify the correct option to use.
User Profile	Enter the user profile you want to use when connecting to the remote system. This must be a valid user profile at the remote location. If you want to use the same user profile that you are currently logged on with, use the special value *CURRENT.
Password	Enter the current password for the user profile at the remote system location. Note: the password will not display when you enter it.
Output queue	Enter the output queue location where you want the report placed on the remote system. This output queue must be in a library that is on the system library list at the remote location.
Spool file action	Choose one of the following values: *LEAVE - leave the spool file in the output queue after sending it to the remote system. *CANCEL - delete the spool file from the output queue after a successful send to the remote system. *HOLD - put the spool file on hold in the output queue after a successful send to the remote system.

Optional parameters:

From the above prompt screen, you can press the F10 function key to gain access to two additional and optional parameters as follows:

OS/400 Release Level	SpoolMover/400 defaults to a setting that considers that the remote location is running the same level of OS/400 as the
----------------------	---

local system. If this is not the case, then you must change this parameter to match the level of OS/400 in use at the remote site.

Debug trace option

The default setting is that no trace information will be produced during the spool file transfer. If you would like to see a trace of the FTP activity during the transfer, change this value to *TRACE. When the transfer is complete, a one page recap will be produced.

After entering the parameters that you want to use for this spool file transfer, press the ENTER key. Status messages will be displayed on the bottom of the screen that will let you know what is happening during the process. When the screen returns to the menu, all of the spool files selected will be available in the designated output queue on the remote system.

Automatic Spool File Routing

SpoolMover/400 can be configured to automatically process reports and send them to a remote system based on routing instructions you set up in the system. To use this feature, you just route your spool file to a monitored output queue and then set up a routing instruction for that queue in the SpoolMover/400 Automatic Routing Table. You can set up SpoolMover/400 to route spool files using a variety of methods:

1. Route all spool files at a monitored output queue to the same destination.
2. Differentiate spool file routings based on the form ID.
3. Differentiate spool file routings based on the spool file name.
4. Differentiate spool file routings based on the contents of the USRDTA field associated with the spool file.
5. Set up a default routing to use if none of the above apply.

Once your automatic routing instruction (or instructions) have been created, all you need to do is start the automatic routing monitor and SpoolMover/400 will start sending spool files as they become ready in the output queue.

Update Automatic Routing Table

You can create automatic routing instructions by running option #6 on the MASTER menu. When you start this option, the following screen will be displayed:

```

                                Maintain SpoolMover Routing Instructions                                WRKSPL

Type options, press Enter.
  2=Change    4=Delete    5=Display

Opt Routing Qu Form ID      File Name  Destination System ID      Output
SPLQ                                     host.mycomp.com            Queue
SPLQ      *FILENAME  SPOOLNAME  host.mycomp.com            PRT01
SPLQ      *USRDTA   Usrntax    host.mycomp.com            PRT01
SPLQ      INVFORM                                     host.mycomp.com            PRT01

                                Bottom

F3=Exit    F5=Refresh    F6=Create

```

When you first start this option, the file will come up with no entries. To create a new entry, use the F6 key. Once entries have been created, you can use the following options on them:

- 2 Change - lets you make changes to an existing routing instruction
- 4 Delete - lets you delete an existing routing instruction
- 5 Display - displays the details for an existing routing instruction

When you select the F6 option to create a new routing instruction (or use option #2 or #5 to change or display an existing entry), the following display will appear:

ADD	Maintain SpoolMover Routing Instructions	WRKSPL
Type information, press Enter.		
Routing Que Name	_____	
Routing Form ID	_____	
File Name	_____	
Destination System	_____	
<hr/>		
Name Format	<u>*LIB</u>	*LIB, *PATH
User Profile	<u>*CURRENT</u>	Profile, *CURRENT
Password		
Output Queue	_____	
Spool file option	<u>*LEAVE</u>	*LEAVE, *HOLD, *CANCEL
Target OS Level	<u>*CURRENT</u>	*CURRENT, VnRnMn
Trace Option	<u>*NOTRACE</u>	*NOTRACE, *TRACE
F3=Exit	F5=Refresh	F12=Cancel

Complete the fields for your routing instruction as follows:

Routing Que Name Enter the name of the output queue that you want SpoolMover/400 to monitor for this route. The output queue must be in the library list for your current terminal session. **Note:** Do not specify an output queue that is associated with an actual printer device on your system as this has the potential to create problems for SpoolMover/400 and for your output report writer in OS/400.

Routing Form ID Choose one of the following options:

Blank	Leave this entry blank to set up a default routing. Any spool file arriving in the output queue that does not qualify under any other rules set up will be routed with this instruction.
Formid	Enter the formtype value that you want to match to your spool file.
*FILENAME	Enter this special value if the "File Name" parameter is for a spool file name value.
*USRDTA	Enter this special value if the "File Name" parameter is for a user data field value.

File Name	This parameter can only be used if the Routing Form ID was entered as *FILENAME or *USRDTA. Enter the value (spool file name or user data value) that you want the router to match in order to use this rule. Note that this field accepts lower case, most spool file names must be entered in upper case letters.
Destination System	Enter the IP address of the system where you want to send the spool file.
Name Format	If the remote system has FTP configured for library format naming, use the default value of *LIB. This is the normal value for most systems. If the remote system is using path format naming, then change this parameter to *PATH. Use the CHGFTP command at the remote location to verify the correct option to use.
User Profile	Enter the user profile you want to use when connecting to the remote system. This must be a valid user profile at the remote location. If you want to use the same user profile that you are currently logged on with, use the special value *CURRENT.
Password	Enter the current password for the user profile at the remote system location. Note: the password will not display when you enter it.
Output Queue	Enter the output queue location where you want the report placed on the remote system. This output queue must be in a library that is on the system library list at the remote location.
Spool file option	Choose one of the following values: *LEAVE - leave the spool file in the output queue after sending it to the remote system. *CANCEL - delete the spool file from the output queue after a successful send to the remote system. *HOLD - put the spool file on hold in the output queue after a successful send to the remote system.
Target OS Level	SpoolMover/400 defaults to a setting that considers that the remote location is running the same level of OS/400 as the local system. If this is not the case, then you must change this parameter to match the level of OS/400 in use at the remote site.
Trace Option	The default setting is that no trace information will be produced during the spool file transfer. If you would like to see a trace of

the FTP activity during the transfer, change this value to *TRACE. When the transfer is complete, a one page recap will be produced. Use caution when setting up the *TRACE option for an automatic routing as it has the potential for generating a lot of trace information on your system.

When you have filled out the information for your routing instruction, press ENTER. SpoolMover/400 will edit it and check the output queue for existence and usability. If the output queue does not exist, SpoolMover/400 will ask you if you want it created for you. In order to have a working routing instruction, you should allow SpoolMover/400 to create the queue for you. If you specify an existing output queue, SpoolMover/400 will check the queue to make sure that it is properly configured for SpoolMover/400 monitoring. If not, it will prompt you to ask permission to make the necessary changes to the output queue description.

Once routing records have been established you can then start the SpoolMover/400 automatic router and the routing instructions will be processed as reports are made ready at the designated output queue or queues.

Start Automatic Routing

To start automatic routing by SpoolMover/400, select option #7 from the MASTER menu. This will start the SPLRTR subsystem in SpoolMover/400 and it will start the processing job to monitor the output queues specified and send reports according to the routing instructions.

End Automatic Routing

To shut down automatic spool routing, select option #8 from the MASTER menu. This will end the processing monitor and close out the SPLRTR subsystem.

Copy Spool File Locally

When you select menu option #10 from the MASTER menu, or prompt the CRTDUPSPLF command, the following screen will be displayed:

Create Duplicate Spool File (CRTDUPSPLF)		
Type choices, press Enter.		
Spooled file name	_____	Name
Job name	<u>*CURRENT</u>	Name, *CURRENT
User	_____	Name
Number	_____	000000-999999
Spooled file number	<u>*ONLY</u>	1-9999, *ONLY, *LAST
Output queue	_____	Name of queue in library list
		Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display		
F24=More keys		

Fill in the parameters as follows:

- | | |
|----------------------|---|
| Spooled file name | Enter the name of the spool file to be copied. |
| Job name/User/Number | Enter the job name, user profile and job number for the spool file to be copied. If the spool file was created by your current job, you can use the special value *CURRENT. |
| Spooled file number | Enter the spooled file number for the spool file to be copied. |
| Output queue | Enter the output queue location where you want the report placed on your local system. This output queue must be in a library that is on your current library list. |

When the parameters have been completed, press ENTER. This selected spool file will be copied and placed in the designated output queue. This utility is provided to help you with working with spool files on your system.

Installation and Configuration

Before any SpoolMover/400 functions will work, the initial install procedure must be run. SpoolMover/400 can be installed from media received with a shipment from Kisco Information Systems or from a download file obtained from the Internet. If you received a direct shipment from Kisco, use the *Installation from Media* instructions. If you downloaded a file from the Internet, use the *Installation from Internet* instructions. Both follow.

Installation from Media

These instructions should be used for new installs and also for upgrade installs. You can install SpoolMover/400 by following these easy instructions:

1. Sign on using the QSECOFR id.
2. Place the installation CD in your system CD reader and key the following command:

LODRUN DEV(XXXX)

where xxxx is the name of your optical drive ("OPT01" on most systems).

3. During installation, SpoolMover/400 does the following:
 - Checks to see if this is a new install or an update install.
 - For update installs, the old SpoolMover/400 program library is saved in library KISSPLMOLD and history information is transferred to the newly installed library.
 - For new installs, the software is initialized for the free 30 days trial period.
 - Additional documentation is printed which covers topics that have been added or changed since the user documentation manual was last printed.
4. During installation, additional documentation will be printed to your session output queue. This covers features and functions that have been added or changed since your copy of the manual was printed.
5. When the command finishes, the SpoolMover/400 Master Menu will be displayed.

When the procedure finishes, your copy of SpoolMover/400 will be successfully installed for your thirty day trial period. At the end of the trial period, SpoolMover/400 will cease functioning until either an extension password or a permanent password is entered. Before using SpoolMover/400, please review this manual and the additional documentation in detail.

If you upgraded from an earlier release of SpoolMover/400, you may delete the library named

KISSPLMOLD created during the installation after you are certain that the new release is working to your satisfaction.

Installation from Internet

We recommend that you use the install instructions from the SpoolMover/400 Download web page. After you download the install file from the website, please print the Download page and use it for reference while completing the installation.

Configuration Considerations

SpoolMover/400 uses the OS/400 TCP/IP communications utility File Transfer Protocol (FTP). In order for SpoolMover/400 to work, the FTP server function on the target system (the system receiving the spool file) must be active. You can check to see if the FTP server is active at the remote site by running the following command:

```
WRKACTJOB SBS(QSYSWRK)
```

This will display a list of jobs running in the sub-system named QSYSWRK. If FTP is active, you will see several jobs listed that start with the value QTFTPxxxxx. If there are no jobs shown, then FTP needs to be started. You can start the FTP server function using the following command:

```
STRTCPSVR SERVER(*FTP)
```

If you decide to keep SpoolMover/400, then you can reconfigure FTP so that it always starts whenever TCP/IP is started on the system. This normally happens during a system IPL. To reconfigure FTP so that it is always active, run the following command on the system:

```
CHGFTP AUTOSTART(*YES)
```

With FTP active, there may be some security concerns that you should take into account for your system security plans. If you are concerned about this, review the information in your security documentation from IBM or call Kisco Information Systems support.

SpoolMover/400 addresses remote systems using standard IP address methods. These addresses can be with numeric (ie: 10.1.2.5) or you can use a valid named alternative (ie: host.mysite.com). Using named addresses is often much easier than remembering complicated numerical strings. If your named addresses are for systems that are already registered with the Internet DNS (Domain Name System) then you can use them without any additional configuration work on your part.

If, however, the remote system or systems that you want to work with are not registered, then you can create local domain name registrations on your source (sending) system so that you can use a named address rather than the numerical string. To create a new named address on your local system, type the following command:

GO MENU(CFGTCP)

This will display the OS/400 TCP/IP Configuration menu. Select option #10 (Work with TCP/IP host table entries) and press ENTER. This will display a list of name addresses already defined on your system. The display will look like the following:

```

                                Work with TCP/IP Host Table Entries
                                System:  S1025D2M
Type options, press Enter.
  1=Add   2=Change   4=Remove   5=Display   7=Rename

  Internet      Host
  Opt  Address   Name

      112.103.145.92  HOST.KISCO.COM
                        KHOST.KISCO.COM
      127.0.0.1      LOOPBACK
                        LOCALHOST
      209.94.100.144  BESTWEB.NET
                        NEWMX.BESTWEB.NET

                                Bottom
F3=Exit   F5=Refresh   F6=Print list   F12=Cancel   F17=Position to

```

First, check to see if the system in question is already defined. If it is, then note the Host Name already assigned, you can use that name when sending spool files to the system. If the system is not already defined, type a '1' in the first "Opt" field and press ENTER to start creating a new entry. Type in the numerical IP address for the system and any name you would like to use. These locally defined named do not have to conform to any standards (ie: ending in ".com") and many installations use the common name they have for each system (ie: TESTSYS or PRODUCTION). Once a new entry has been added to this table, you can then use the named address with SpoolMover/400 processing.

The Install Menu

When you select item 20 from the main menu, the installation menu is displayed as follows:

```

INSTALL                                INSTALL Menu

Select one of the following:

    1. Run initial install procedure
    2. Display installation status
    3. Change installation status
    4. Print documentation
    5. Check Version Information

    6. Process Kisco PTF Package

                                         (c) 2005 Kisco Information Systems

====> _____
_____

```

Menu items perform the following functions. Each function is discussed in greater detail later in this document:

- | | |
|------------------------------------|--|
| 1. Run initial install procedure - | Do not use this option unless directed to do so by Kisco Support staff. This option is automatically run during normal install processing. |
| 2. Display installation status - | Displays a screen showing the current installation status for the software. |
| 3. Change installation status - | Displays the current software installation status and allows for changes to be made. |
| 4. Print documentation - | Prints this documentation manual to the default print device. |
| 5. Check Version Information - | Displays information about the specific version of SpoolMover/400 that is installed on your system. |

6. Process Kisco PTF Package - Allows you to process a corrective PTF package received from Kisco for program fixes.

If you reached the INSTALL menu from the MASTER menu option, then you can easily return to the MASTER menu display by pressing the F12 function key.

Display installation status

At any time, you can check the current installation status of your copy of SpoolMover/400 by selecting this menu option. You must be signed on with security authority of QSECOFR or equivalent. The following screen will be displayed:

```

Free Trial -- Dynamic Software Security -- INSTALLATION Procedure
Installation for          KISSPLMOV      Developer ID code  KISCO
Machine serial number    1010788        Current Library    KISSPLMOV
                               Sec.serial number  1010788
Machine run date....     981224          Sec.install date.. 981210
                               Sec.expire date.. 999999 000

Security Status (CURRENT STATUS).....Z-nnn

Please enter:

Type of install ..... _      T for trial, or P for permanent
Install password .... _____ Blank for trial, or permanent pswd
New expire date..... _____ Blank for trial, or 999999 for perm

Cm3,7-Return to menu      HELP                ENTER-process install

Free Trial (c)1990 Kisco Info Systems

```

The message at the center of the screen indicates your current installation status. You should also check the Sec.expire date for an expired trial period. The three digit number to the right of the Sec.expire date is the current partition number where the software is running. SpoolMover/400 may still show as installed on a trial basis but, if the trial is expired, it will no longer function.

The following are the possible status messages that can appear on this display:

<u>Message</u>	<u>Explanation</u>
Z-001 NOT INSTALLED	Trial installation not started
Z-002 TRIAL EXPIRED	Trial period has ended
Z-003 PERMANENTLY INSTALLED	Software is permanently installed

Z-004 INSTALLED ON TRIAL	Software is installed on trial
Z-005 PASSWORD NOT ACCEPTED	Password keyed is not valid
Z-006 WRONG LIBRARY	Programs must run from our library
Z-007 PLEASE RUN TRIAL INSTALL	Must have trial install before perm.
Z-008 INVALID INSTALL REQUEST	Must be P or T
Z-009 INVALID SECURITY (REC#6)	Call Kisco
Z-010 INVALID SECURITY (NO ZZ)	Call Kisco
Z-011 INVALID SECURITY (HASH.)	Call Kisco

Change installation status

To make changes to your installation status, use this menu option. The changes processed can include both a trial period extension and permanent installation. You must be signed on with QSECOFR security authority or equivalent. When you select this option, the following screen is displayed:

```

Free Trial -- Dynamic Software Security -- INSTALLATION Procedure

Installation for      KISSPLMOV      Developer ID code  KISCO

Machine serial number 1010788      Current Library   KISSPLMOV
Sec.serial number    101078
Sec.install date.   981210
Machine run date.... 981224      Sec.expire date.. 999999 000

Security Status (CURRENT STATUS MSG).....Z-nnn

Please enter:

Type of install ..... _          T for trial, or P for permanent

Install password .... _____ Blank for trial, or permanent p
New expire date..... _____ Blank for trial, or 999999 for
User count.....          0025 for trial or authorized count for
                             permanent installation

Cm3,7-Return to menu      HELP          ENTER-process ins

Free Trial (c)1990 Kisco Inf

```

Trial extension

To extend a trial period, contact Kisco Information Systems and request an extension. We will provide you with an extension password and new expiration date. On the above screen, enter the following:

Type of install	Enter 'T' for trial
Install password	Enter all six digits of the extension password provided, including any leading zeros
New expire date	Enter the new expiration date in the format YYMMDD (ie: Jan 12, 1998 would be 980112)
User count	Enter the value supplied by Kisco Information Systems.

When the parameter fields have been completed, press enter to reactivate your software.

Permanent installation

To permanently install your software package, use the permanent password provided by Kisco Information Systems following receipt of payment. On the above screen, enter the following:

Type of install	Enter 'P' for permanent
Install password	Enter all six digits of the extension password provided, including any leading zeros
New expire date	Enter all 9's (ie: 999999)
User count	Enter the value provided by Kisco Information Systems

When the parameter fields have been completed, press enter. Your software is now permanently installed.

Print additional documentation

At any time, you can reproduce the additional documentation by using this menu option. A full copy of the additional documentation topics will be printed.

Display Software Version Information

This menu option will display the current release level and PTF information for your version of SpoolMover/400. The developer may need to verify this when working with you on a support issue.

Install Kisco PTF Package

SpoolMover/400 supports distribution of program updates remotely via the Internet. When programs in SpoolMover/400 are updated or program fixes are required, Kisco Information Systems can send the updates directly to you via the Internet. If needed, we will send E-mail to you with an attached PC file. This file, when loaded into a folder on your system, can be used to post program updates and changes to your copy of SpoolMover/400.

When you receive a PTF update 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:

Step# Instructions

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

```
CRTFLR FLR(KISCO)
```

Note: This folder only has to be created the first time you install a PTF.

2. From a PC that is attached to your system, move the PTF Package file that you received from Kisco into this folder. If you are not familiar with this process, please check the following URL at the Kisco website for specific instructions:

<http://www.kisco.com/pctoflr.htm>

3. Sign on to any terminal or terminal session as QSECOFR.
4. Make sure that no SpoolMover/400 functions are in use and that no users are logged into any SpoolMover/400 menu.
5. Choose option #6 from the INSTALL menu.
6. The command will prompt for two values. The first is the name of the SpoolMover/400 application library and cannot be changed. The second command must contain the eight character name of the PTF Package File. When both parameters are set, press ENTER and the PTFs will be loaded and applied to your copy of SpoolMover/400.
7. All Kisco PTFs are loaded so that the prior version of any program objects 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.

During the PTF installation process, one or two printouts will be created. The first of these will

be the PTF Cover Letter Documentation. The second is optional and, if printed, will be a fresh update of the additional documentation topics for all SpoolMover/400 changes. Kisco recommends that you read both documents before starting to use SpoolMover/400 again.