

Lotus eSuite WorkPlace for IBM Network Station 3.0 (5648-KN2)

Implementation of Lotus eSuite WorkPlace for IBM Network Station for AS/400

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** NOTE:

The software contained in this package applies only to AS/400 Version 4 Release 2 or later. It is NOT supported on earlier versions. The user who installs the code needs *SECOFR special authority.

Prerequisites

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The Lotus eSuite WorkPlace is designed to run on the IBM Network Station Series 1000 with at least 64MB RAM and requires approximately 20 megabytes of disk space on the server.

The following products need to be installed on your machine before you install the eSuite code:

- 1) OS/400 V4R2 or V4R3 & latest CUM Tape
- 2) 5769JV1 - AS/400 Developer Kit for Java
- 3) 5648C05 - IBM Network Station Manager Release 3.0
- 4) 5769SS1 - PTF SF49066 for Security enhancements (V4R2 only)

Installation

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To install the Lotus eSuite WorkPlace code:

- 1) If you have a previous version of eSuite WorkPlace installed, have all eSuite users log off and end the registry server using QESUITE/ENDESRSVR command. If the RMI server was started by the STRESRSVR command, it will be running in the QESRRMI job in subsystem QSYSWRK. You need to end QESRRMI using the WRKACTJOB command and option 4. Before installing, ensure that both the QESRSVR and QESRRMI jobs have ended.

- 2) Insert the eSuite CD-ROM into the CD-ROM drive.
- 3) Enter RSTLICPGM LICPGM(5648KN2) DEV(<device name>)
OPTION(*BASE)
(where <device name> is name of CD-ROM device, ex. OPT01)
- 4) Enter RSTLICPGM LICPGM(5648KN2) DEV(<device name>) OPTION(1)
- 5) Enter RSTLICPGM LICPGM(5648KN2) DEV(<device name>) OPTION(2)

PTFs

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The following PTFs need to be installed on your machine after you install the eSuite code:

- 1) 5648KN2 - PTF SF50398 and PTF SF50399 for the following fixes:
 - STRESRSVR command failing when the library list of the job issuing the command contains a library that does not have PUBLIC *USE authority.
 - An incompatibility with eSuite WorkPlace 1.0 and JDK 1.1.6.

V4R2:

The following set of V4R2 PTFs change the AS/400 JDK level to 1.1.6, 5769JV1 SF49635, 5769JV1 SF49750, and 5769999 MF19586. If you load and apply these Java PTFs you MUST load and apply the eSuite PTFs 5648KN2 SF50398 and 5648KN2 SF50399 for eSuite to properly function.
NOTE: These eSuite PTFs work with the AS/400 JDK level 1.1.4, as well.

V4R3:

The AS/400 JDK level is 1.1.6, so these eSuite PTFs 5648KN2 SF50398 and 5648KN2 SF50399 MUST be loaded and applied for eSuite to function.

Auto-Configuration

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Successful installation of the eSuite code makes the following configuration changes to the AS/400 system:

- 1) The STRESRSVR and ENDESRSVR commands are added to the QESUITE library.

- 2) QESUITE user profile is created.
- 3) The Lotus eSuite product files are copied to the AS/400 Integrated File System under /QIBM/ProdData/eSuite directory.
- 4) Previous eSuite registry data is preserved.
- 5) A symbolic link is added to the /QIBM/ProdData/NetworkStation directory.
/QIBM/ProdData/NetworkStation/eSuite -> /QIBM/ProdData/eSuite.

Manual Network Station Configuration

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You must complete the following configuration manually from the IBM Network Station Manager before you can use the eSuite Workplace:

- 1) Start up the IBM NetworkStation Manager from your browser.
The url is: <http://<HOSTNAME>/networkstation/admin>
Note: Due to a limitation with Microsoft Internet Explorer 4.0, this NSM configuration should be done with NC Navigator, Netscape or IE 3.x browser.
- 2) Select eSuite as the default desktop:
 - a) Click "Startup"
 - b) Click "Menus"
The "Menu Content Defaults" page appears.
 - c) Select "System Defaults" to configure all users to have the eSuite Workplace as the default desktop, or select "Group Defaults" to configure specific groups to have the eSuite Workplace as the default desktop, or select "User Defaults" to configure specific users to have the eSuite Workplace as the default desktop. If you don't know the specific user or group name, click "Browse" and a list of users or groups will be displayed that you can select from.
 - d) After selecting "System Defaults", "Group Defaults" or "User Defaults", click "Next" at the bottom of the screen.
The "Menu Contents" page appears.

e) In the "Desktop and Menu Bar Options" section, click the "Desktop Style" list box and select "Lotus eSuite WorkPlace with menu bar support".

f) Click "Finish" to apply the change.

3) Add an environment variable for Time Zone:

a) From the IBM Network Station Manager, click "Startup"

c) Click "Environment Variables"

d) Select "System/Group/User Defaults" as was done in step 2c.

e) Click "Next"

f) Fill in the fields with the following information:

Environment Variable: TZ
Value: set time to correct time zone

for example: For Central Standard Time:
Value: CST

Note: Do not set value to "UTC", as this will prevent eSuite from launching.

g) Click "Add an Environment Variable"

h) Click "Finish"

4) Exit IBM Network Station Manager

Manual AS/400 Configuration

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You must complete the following configuration manually from the AS/400 before you can use the eSuite WorkPlace:

1) Create an admin user profile using
CRTUSRPRF USRPRF(admin) PASSWORD() USRCLS(*SECOFR)
TEXT('eSuite administrator') filling in an appropriate password.

2) Have the system operator or a user with *ALLOBJ special authority
start the eSuite registry server using the QESUITE/STRESRSVR command.

3) Ensure the system value QUTCOFFSET is set correctly for your site.
See the OS/400 Work Management (SC41-5306) publication for more information.

Starting and Stopping the RMI registry and eSuite registry server

The RMI and eSuite registry servers execute on the AS/400 and need to be started prior to starting the eSuite WorkPlace. The eSuite registry server should be stopped prior to ending TCP/IP or powering down the system. If the RMI server was started by the STRESRSVR command, it will be running in the QESRRMI job in subsystem QSYSWRK. You need to end QESRRMI using the WRKACTJOB command and option 4. Before ending TCP/IP or powering down the system, ensure that both the QESRSVR and QESRRMI jobs have ended.

1) To start the RMI and eSuite registry servers, issue the QESUITE/STRESRSVR command. A message indicating the eSuite registry server has started will be issued to the QSYSOPR message queue.

2) To stop the eSuite registry server, issue the QESUITE/ENDESRSVR command.

Starting the eSuite WorkPlace Administrator

After the RMI and eSuite registry servers are running, log on to the IBM Network Station as "admin". After authentication, the eSuite WorkPlace will automatically be started if "admin" has been configured to have the eSuite WorkPlace as the default desktop. After the eSuite WorkPlace is up, the eSuite WorkPlace Administrator can be started by clicking on "WorkPlace Administrator" task. The eSuite WorkPlace Administrator can be used to give another userid permission to run the Administrator tool. To find out more about using the eSuite WorkPlace Administrator, see the eSuite documentation or use the HELP function.

Configuring eSuite Applications

Some software requires customization before it will work at your site. For example, some of the following tasks will be necessary:

- 1) Configure the Proxy Server for the Web Browser

- 2) Configure the MailServer
- 3) Configure LDAP for the Address Book

To complete this customization, Click the "Help" button from the eSuite Workplace Administrator.

Starting the eSuite Workplace =====

After the RMI and eSuite registry are running, a user can log on to the IBM Network Station. After authentication, the eSuite Workplace will automatically be started if that user has been configured to have the eSuite Workplace as the default desktop. In addition, a button will appear on the menu bar for the users to click if eSuite has been stopped and needs to be restarted.

Troubleshooting =====

If you encounter problems bringing up the eSuite Workplace, registry servers, or the eSuite Workplace Administrator, check the following:

- 1) Verify that the registry servers are running (issue the WRKACTJOB command) and make sure there are processes running for the java RMI registry server (QESRRMI) as well as the eSuite registry server (QESRSVR).
- 2) Check the "User Services Console" messages on the IBM Network Station. This console can be displayed by pressing the ALT+Shift+Home keys.
- 3) If a log is needed of the eSuite Registry server, use the QESUITE/STRESRSVR OPTION(*KEEPLOG) command to start the registry servers. (Keep in mind that the server issues constant messages, so this should only be done for debugging.)
- 4) If the eSuite Workplace Administrator does not come up the first time, verify you are logged in as 'admin'.
- 5) If you have removed the IBM Network Station 3.0 (5648C05) product, you will manually have to create a symbolic link to the eSuite directory, use the

following commands:

```
ADDLNK OBJ('/QIBM/ProdData/eSuite')
        NEWLNK('/QIBM/ProdData/NetworkStation/eSuite')
        LNKTYPE(*SYMBOLIC)

CHGOWN OBJ('/QIBM/ProdData/NetworkStation/eSuite') NEWOWN(QSYS)
        RVKOLDAUT(*YES) SYMLNK(*YES)
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Limitations

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1. eSuite WorkPlace Browser and the search engine

The eSuite WorkPlace Browser has AltaVista (<http://www.altavista.digital.com>) set as its default search engine. This website may not work with the eSuite WorkPlace Browser and should be changed. This is done through the eSuite WorkPlace Administrator.

In WorkPlace Administrator, select 'users' for a specific user or 'groups' for a specific group of users from the column on the left. Next, select the users or groups, and select 'Customize WorkPlace' from the lower right hand corner of the same panel. In the panel that appears in the 'Browsers' box, change 'Search engine' to something other than AltaVista e.g. <http://www.yahoo.com/>.

Click OK and Exit.

2. eSuite WorkPlace Browser and animated .GIF format images

Browsing web pages with the eSuite Web Browser (shipped with the eSuite WorkPlace desktop) that contain animated .GIF format images can cause users to encounter problems including reduced system performance. This problem occurs on web pages that contain animated GIF's , i.e. pictures on web pages that appear to have motion, with a fast motion rate (small frame delay), or where there are several animated GIF's on a single page. We suggest the following user actions to avoid this problem and/or reduce side effects.

- o Avoid browsing web pages with large numbers of animated GIF's.
- o Save your data in open applets before browsing to prevent data loss in case of a system crash. As an additional safety measure, consider saving your data periodically while you are browsing, especially while browsing unfamiliar sites.
- o If the system becomes less responsive while or just after browsing, close the browser task and save your data. If the system continues to be less responsive, close the WorkPlace and restart.
- o When leaving a machine idle, do not leave the browser running a page with animated GIF's. Since it may be difficult to distinguish animated GIF's images from some

applets, it is advisable not to leave the browser running on a Network Station which will remain idle.