

A digital landscape with a glowing blue sphere in the center, surrounded by binary code and circuit patterns.

EView/400i IBM i (iSeries-AS/400) Discovery for Micro Focus Universal Discovery (UD) for UCMDB

Installation Guide

Software Version: 6.3

January 2018

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Manual updates may be issued between editions to correct errors or document product changes. Contact EView Technology support to verify that you have the latest editions.

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Visit the EView Technology web site at:

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This web site provides contact information and details about the products, services, and support that EView Technology offers.

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Revision History

This manual's title page contains the following identifying information:

- Version number, which indicates the software version.
- Print date, which changes each time the document is updated.

Table 1 indicates changes made to this document since the last released edition.

Table 1: Changes to This Document

Date	Description
January 2018	Version 6.3

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Conventions

The following typographical conventions are used in this manual.

Table 1: Typographical Conventions

Font	Meaning	Example
<i>Italic</i>	Book or manual titles, and man page names	See the <i>Administrator's Reference</i> for more information.
	Provides emphasis	You <i>must</i> follow these steps.
	Specifies a variable that you must supply when entering a command	At the prompt, enter rlogin <i>your_name</i> where you supply your login name.
	Parameters to a function	The <i>oper_name</i> parameter returns an integer response.
Bold Computer	New terms	The monitor agent observes...
	Text and items on the computer screen	The system replies: Press Enter
	Command names	Use the <code>grep</code> command ...
	Function names	Use the <code>opc_connect()</code> function to connect...
	File and directory names	<code>/opt/OV/bin/OpC/</code>
Computer Bold	Process names	Check to see if <code>opcmona</code> is running.
	Window/dialog box names	In the Add Logfile window...
	Text that you must enter	At the prompt, enter <code>ls -l</code>
Keycap	Keyboard keys	Press Return .
[Button]	Buttons on the user interface.	Click [Operator]. Click the [Apply] button.
Menu Items	A menu name followed by a colon (:) means that you select the menu, then the item. When the item is followed by an arrow (->), a cascading menu follows.	Select Actions:Utilities->Reports ...

Documentation

EView/400i IBM i (iSeries-AS/400) Discovery (EView/400i) for Micro Focus Universal Discovery (UD) provides a set of manuals that help you use the product and understand the concepts underlying the product. This section describes what information is available and where you can find it.



In addition to EView/400i documentation, related HP UCMDB products provide a comprehensive set of manuals that help you use and understand the products' underlying concepts.

EView/400i Printed Manuals

This section provides an overview of the printed manuals and their contents.

EView/400i IBM i (iSeries-AS/400) Discovery Installation Guide

Explains how to install, de-install, and configure EView/400i. Also includes how to transfer installation files from the UCMDB server to the iSeries (AS/400) agent.

EView/400i IBM i (iSeries-AS/400) Discovery Administrator's Reference

Explains how to customize and use EView/400i. Also includes detailed troubleshooting procedures and explanations of EView/400i system messages.

EView/400i Online Information

The following information is available online:

- *EView/400i IBM i (iSeries-AS/400) Discovery Installation Guide*
- *EView/400i IBM i (iSeries-AS/400) Discovery Administrator's Reference*
- *EView/400i IBM i (iSeries-AS/400) Discovery Software Release Notes*

Installing and De-installing EView/400i

This chapter describes how to install and de-install EView/400i IBM i (iSeries-AS/400) Discovery (EView/400i).

Installation Requirements

This section describes the operating system, hardware, and software requirements for installing EView/400i software. To avoid problems during installation, read this section before you start the installation process.

Hardware Requirements

- UCMDB Discovery Probe:

EView/400i requires appropriate Ethernet hardware on the Discovery probe to communicate via TCP/IP.

All other hardware requirements are the same as the requirements for Micro Focus UCMDB.

- IBM i (iSeries-AS/400) Managed Node:

EView/400i requires the appropriate Ethernet hardware on the iSeries (AS/400) to allow for TCP/IP communication with the UCMDB probe.

In addition, make sure that Discovery probe and AS/400 managed nodes meet the disk space requirements described in Table 3-1.

Table 3-1: Additional Disk-Space Requirements

Machine	Disk Space
UMCB Discovery Probe	15 MB
AS/400 Managed Node	20 MB

Software Requirements

- **On the UCMDB Discovery Probe:**

- Microsoft Windows 2003 Server or higher
- UCMDB 8 or 9
- The TCP/IP network protocol stack must be active.
- ActivePerl version 5.8 or later from <http://www.activestate.com>
- Java Runtime Environment (JRE) Version 1.4 or higher, available from <http://www.oracle.com/technetwork/java/javase/downloads/index.html>

All other software requirements are the same as the requirements for Micro Focus UCMDB.

- **On the IBM i (iSeries-AS/400) Managed Node:**

- OS/400 V5R3 or higher must be running on the managed nodes.
- The TCP/IP network protocol stack must be active.

Obtaining License Keys

EView/400i requires a license key to be applied to each System i node that is to be managed by UCMDB. Contact EView Technology at +1-919-878-5199 or e-mail support@eview-tech.com to get the necessary license keys. Be prepared to give the following information about each System i box:

Table 3-2: EView/400i License Key Components

Information	Where to Find It
System i Serial Number	OS/400 Command: DSPSYSVAL SYSVAL(QSRLNBR)
System i Processor Group	OS/400 Command: WRKLICINF

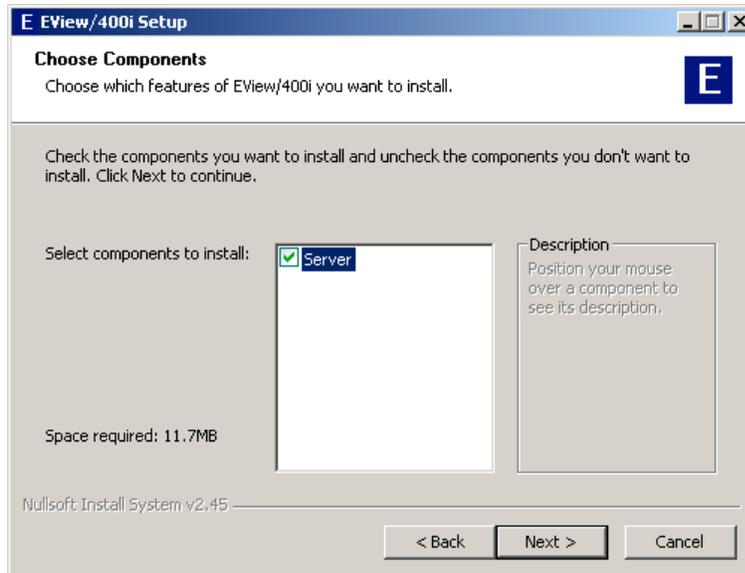
Installing EView/400i on the UCMDB Probe

The EView/400i installation program is run on the UCMDB probe system.

Installation Steps

1. Insert the EView/400i installation CD into the CD drive of the UCMDB probe system.
2. If the setup wizard does not automatically start, go to the top level directory on the installation CD and double-click `EView400Discinstall.exe`.
3. Select the Server checkbox in the setup wizard.

Figure 3-1: Component Installation Selection



Installed File Locations on the Management Server

The installation process copies the necessary files to the UCMDB probe server in the directory path you specified. The default path for EView/400i files is:

```
\Program Files\EView Technology\EView 400>Loading the AS/400 Library
```

This section explains how to start the EView/400i installation process on the AS/400 managed node using the following steps:

- Loading the installation library
- Running the installation program
- Adding an AS/400 user ID for parameter transfers

Installing the Library



Verify that the EVIEW library is not in your library list on the AS/400 agent system.

Follow these steps to load the AS/400 components of EView/400i:

1. Sign on to the AS/400 as QSECOFR.
2. Create a temporary save file named EVREL63 in any available library to receive the installation save file:

```
CRTSAVF FILE(libname/EVREL63)
```

3. On the UCMDB probe server, change directory to the `as400` subdirectory under the location where EView/400i was installed, then start an ftp session to the AS/400. Set the file type to binary, then change directory to the library name of the save file created in Step 2. Use the `put` command to place the library on the AS/400:

```
> cd \Program Files\EView Technology\EView 400\as400
> ftp as400name
User: qsecofr
Password: ****
ftp> bin
ftp> cd libname
ftp> put EVREL63.SAVF
ftp> quit
```

4. Restore the installation library on the AS/400 (a library named EVREL63 will be created):

```
RSTLIB SAVLIB(EVREL63) DEV(*SAVF) SAVF(libname/EVREL63) RSTLIB(EVREL63)
```

Running the Installation Program

From the AS/400 command line, enter the following command to create the EView/400i runtime library EVIEW:

```
CALL EVREL63/EVINSTALL
```

This program creates the agent library EVIEW, and also creates an AS/400 user profile EVUSER, which has ownership of all EView/400 objects.

(If this is an upgrade installation and a previous EVIEW library exists, EVINSTALL will save the existing EVIEW library in a savefile named EVIEW6SAVE in the QGPL library. The EVINSTALL program will keep any message queue and message ID filter definitions that were previously defined.)

Setting up Parameter Transfer ID for the UCMDB Server

The startup parameters for the agent subsystem are modified on the UCMDB probe server and then transferred to the AS/400 agent. Define a new AS/400 user ID (or identify an existing ID) with the authority to store objects in the EVIEW library. Additionally, the ID will need the *CHANGE authority for the eight configuration objects within the EVIEW library: five files, EVF020, EVF021, EVJOBFLT, EVPARMS, and EVMSGQCFG, and three user spaces, EVFILTRSPC, EVQCFGSPC, and EVHSTFLSPC. (The default ID used in EV/400 setup is `ov400user`.)

This concludes the installation of the EView/400i software on the iSeries (AS/400) agent. Continue with the *EView/400i Administrator's Reference* for information on setting up the configuration parameters for the agent and starting the server processes and the agent subsystem.

De-installing EView/400i

This section describes how to remove EView/400i software from the following:

- UCMDB probe server
- AS/400 managed nodes

To Remove EView/400i Components from the UCMDB Probe Server

Follow these steps to manually remove EView/400i components from the UCMDB probe system:

1. Run the EView/400i Task Manager application from Start->Programs->EView Technology->EView 400->Task Manager, then stop all running EView/400i processes for all defined nodes.
2. Select each defined node and click the "Delete Node" button.
3. Remove any log files created during the EV/400 run:

```
cd <EV/400_install_directory>\log
```

```
del *.*
```

4. Use the "Add/Remove Programs" utility from Windows Control Panel to remove EView/400i files and registry entries.

To Remove EView/400i from the AS/400 Managed Nodes

To stop and remove EView/400i from the managed nodes, follow these steps:

1. Stop the EView/400i subsystem using the OS/400 command:

```
ENDSBS EVSBS *IMMED
```

2. Enter the following commands to delete the EView/400i EVIEW library from the AS/400:

```
CLROUTQ EVIEW/EVCMD  
CLROUTQ EVIEW/EVTRACE  
CLROUTQ EVIEW/EVHSTOQ  
DLTLIB LIB(EVIEW)
```

3. Enter the following command to delete the EVUSER user profile:

```
DLTUSRPRF USRPRF(EVUSER)
```