**Install the Enterprise Archive application server**

After you set up a Repository schema and the applicable license files, you are ready to install the Enterprise Archive application server.

**Important**: Before you install Enterprise Archive, make sure that all instances of Workforce Central that connect to the production schema are running.

You **must** first download or copy the installer to the local system. The installer can be run from Windows, AIX (CLI only), or Linux machines.

**Note**: See “Use the command line interface” on page 95 for information about installing Enterprise Archive from the command line.

Typically, Enterprise Archive and its component Target and Repository schemas reside on one or more dedicated servers that are separate from the Workforce Central servers. To install Enterprise Archive with the GUI installer:

1. Download or copy the installer to the local system.

**Note**: The installer **must** reside on the local system. Do not remove it after the initial installation; future patches or service releases will use the same installer.

2. Depending on your platform, start the installer:

* + 1. **Windows**: Right-click **Installer\_Win.exe** and select **Run as Administrator**.
    2. **Linux**:

cd <installer\_directory> sh ./Installer\_Linux.sh

**Note:** AIX can only be run from the command line. See “Install the Enterprise Archive application server” **on page 98** for more information.

*Task 3: Install the Enterprise Archive application server*

3. Click **Next** in the Welcome screen.



4. In the Enterprise Archive Application Components screen, select **Configure Enterprise Archive Application Components** and then select one or more of the check boxes below it:

1. To install all the application components sequentially, select all the check boxes under this option and then click **Next**.
2. To run each component individually, select the check box next to the required option and click **Next**.

1

5. In the Repository Database Details screen, enter the repository schema details:

1. **Database Type** — Select Oracle
2. **Database Server Name/IP Address** — Fully qualified domain name of the database server or IP address
3. **Database Instance Name/SID** — Enter the SID.
4. **Database Port** — For Oracle, the schema port is typically 1521.
5. **Database User Name** — Enter the schema owner user name.

1

*Task 3: Install the Enterprise Archive application server*

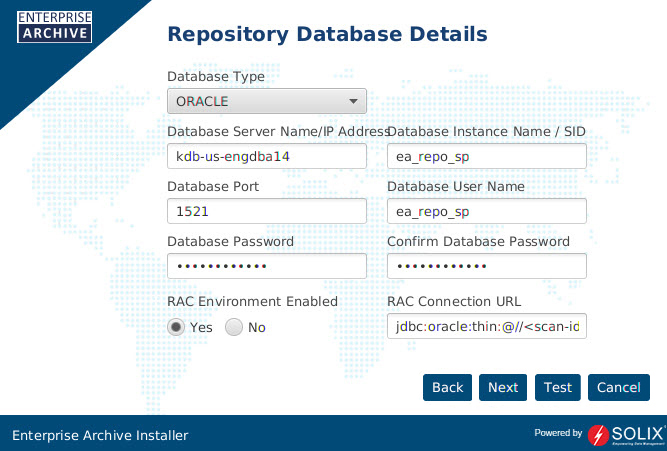
– **Database Password** — Enter the schema owner password and enter it again in the Confirm Database Password box.

**- RAC Environment Enabled** – ForOracle RAC environment, select Yes and enter the URL of the RAC connection in the RAC Connection URL text field to connect to the repository database.

For example:

jdbc:oracle:thin:@//<scan-id>:<port>/<Service­

name>

Modified the image

6. Click **Test** to ensure that the connection is successful:

7. After the connection is established successfully, click **Next**.

8. In the Application Server Details screen, do the following:

a. **Application Server location** — Enter the path where the Enterprise Archive application server should be installed or click **Browse** to select a location.

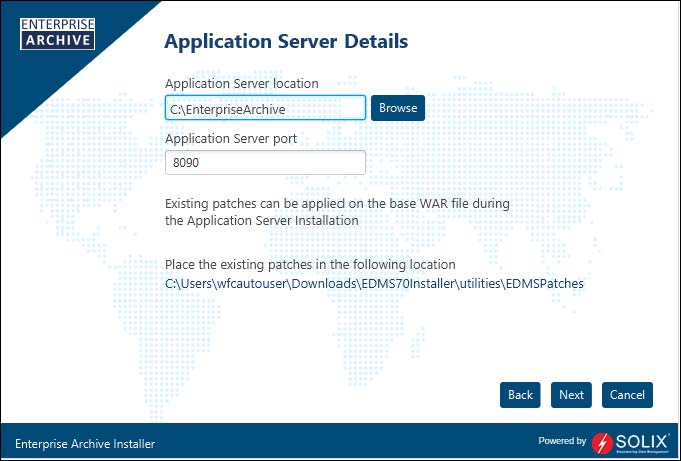
b. **Application Server port** — Enter the port number for the application server to use. If Workforce Central is installed on the same server, provide a different port number than it is using to Enterprise Archive. By default, Workforce Central uses port 8080. The Enterprise Archive application server port defaults to 8090.

1

If there are any patches to run with the installation, place them in the following location:

**Note**: The process described in the Enterprise Archive 8.0.11 release notes would have already copied them to the correct location.

<installer\_directory>\utilities\EDMSPatches\

*Task 3: Install the Enterprise Archive application server*

c. When finished, click **Next**.



9. In the Enterprise Archive License Access Details screen, enter the licensing parameters. You can assign one license for all KBs or individual licenses for each KB.

**Important**: To complete this step, Workforce Central must be running, with the Enterprise Archive license installed on it. See “Apply Enterprise Archive license” on page 16 for more information.

a. **KB Name** — The default knowledgebase in the repository instance displays in the KB Name drop-down box. Accept the default setting.

b. **HTTP Protocol** — Select http or https. If you are using https, see “Task

2: (Optional) Configure installer for SSL” on page 51.

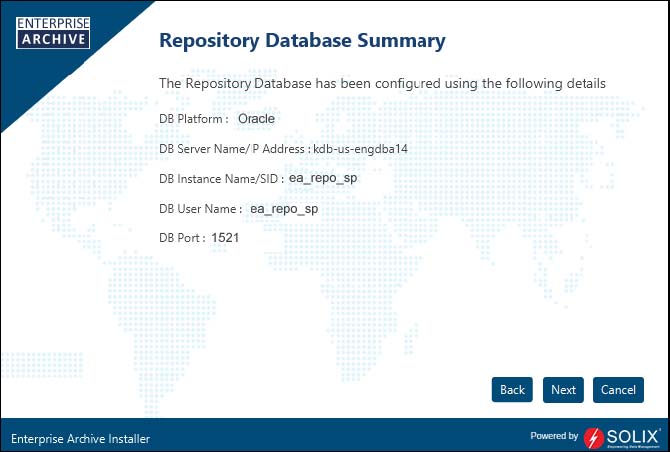
c. **Server Name** — Enter the fully qualified domain name of the server where the license is installed.

d. **Port Number** — Enter the port number where the license is installed. The port number is typically 80 for http or 443 for https.

e. **Instance Name** — Enter the instance name where the license is installed.

1. The Repository Database Summary screen opens summarizing the schema information. Review the information and, if it is correct, click **Next.**

**Note**: For Oracle RAC environment, the Repository Database Summary screen also shows the RAC Connection information, if the RAC Environment Enabled is selected.



1. The Application Server Installation Summary screen opens with the summary of the application server installation and repository schema. Review the information and, if it is correct, click **Next**.

**Task 1: Upgrade the Enterprise Archive application server**

When you get a new version of Enterprise Archive, you will need to upgrade your existing version to the latest version.

You must first download or copy the installer to the local system. **It must reside in its own directory but share the same parent directory as the previous installer.** The installer can be run from Windows, AIX (CLI only), or Linux machines.

Note: For instructions on running the installer from the command line interface, see “Upgrade Enterprise Archive” on page 69.

Typically, Enterprise Archive and its component Target and Repository schemas reside on one or more dedicated servers that are separate from the Workforce Central servers. To install Enterprise Archive:

**Important**: Before you install Enterprise Archive, make sure that all instances of Workforce Central that connect to the production schema are running.

1. Download or copy the v8.0.10 installer to the same root or parent folder where you will install the application. For example, if you are installing Enterprise Archive in D:\EnterpriseArchive, then you can copy the installer to D:\EDMS70Installer.

**Note**: The installer **must** reside on the local system. Do **not** remove it after the initial installation; future patches or service releases will use the same installer.

2. Depending on your platform, start the installer:

* + 1. **Windows**: Navigate to the installer directory Right-click **Installer\_Win.exe** and select **Run as Administrator**.
    2. **Linux**:

cd <installer\_directory>

*Task 1: Upgrade the Enterprise Archive application server*

sh ./Installer\_Linux.sh

**Note:** AIX can only be run from the command line.

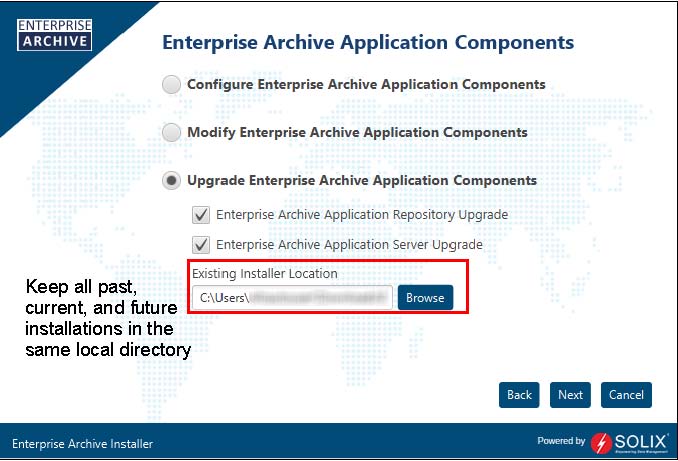
3. Click **Next** in the Welcome screen.

4. In the Enterprise Archive Application Components screen, select **Upgrade Enterprise Archive Application Components** and then select one or more of the check boxes below it:

* + 1. To upgrade all the application components sequentially, select all the check boxes under this option and then click **Next**.
    2. To run each component individually, select the check box next to the required option and click **Next**. For the Existing Installer Location,



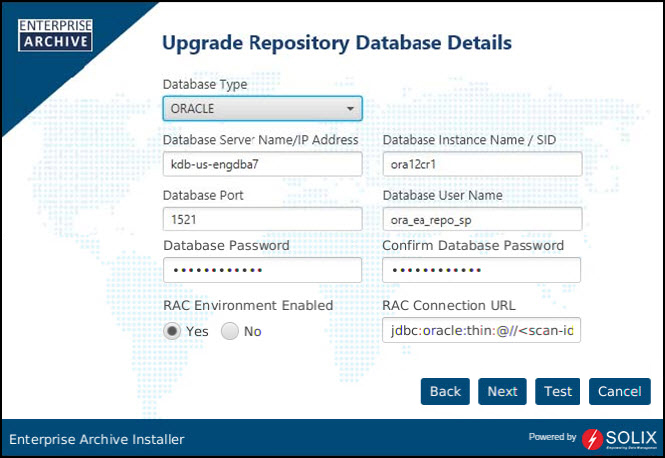
browse or enter the location of the previous Enterprise Archive installer location..



5. In the Upgrade Repository Database Details screen, check the repository schema details:

1. **Database Type** — Select Oracle.
2. **Database Server Name/IP Address** — Fully qualified domain name of the database server or IP address
3. **Database Instance Name/SID** — For Oracle, enter the SID.
4. **Database Port** — For Oracle, the database port is typically 1521.
5. **Database User Name** — Enter the schema owner user name.
6. **Database Password** — Enter the schema owner password and enter it again in the Confirm Database Password box.
7. **- RAC Environment Enabled** – ForOracle RAC environment, select Yes and enter the URL of the RAC connection in the RAC Connection URL text field to connect to the repository database.
8. For example:
9. jdbc:oracle:thin:@//<scan-id>:<port>/<Service­
10. name>

*Task 1: Upgrade the Enterprise Archive application server*



6. Click **Test** to ensure that the connection is successful:

7. After the connection is established successfully, click **Next**.

8. In the Application Server Details screen, check the application server details:

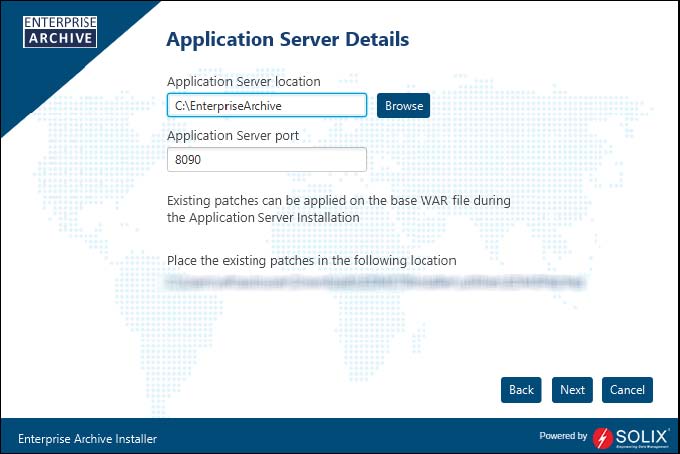
a. **Application Server location** — The path where the Enterprise Archive application server should be installed or click **Browse** to select a location.

b. **Application Server port** — The port number for the application server to use. By default, Enterprise Archive uses port 8090. If you have used another port, specify a different port number.

If there are any patches to run with the installation, place them in the following location:

<installer\_directory>\utilities\EDMSPatches\

c. When finished, click **Next**.

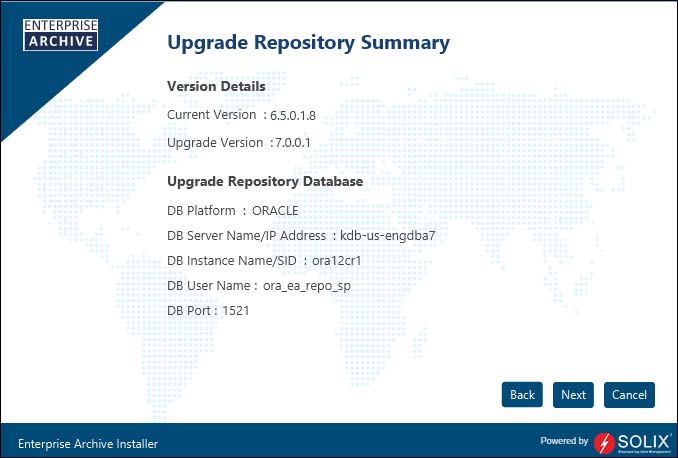


9. The Application Server Installation summary screen opens with the summary of the application server installation and repository schema. Review the information and, if it is correct, click **Next**.

*Task 1: Upgrade the Enterprise Archive application server*

10. The Repository Database Configuration Summary screen opens summarizing the schema information. Review the information and, if it is correct, click **Next.**

Note: For Oracle RAC environment, the Repository Database Summary screen also shows the RAC Connection information, if the RAC Environment Enabled is selected.



11. The Application Server Installation Summary screen opens with the summary of all the components configured in the application installation and shows the status of installation of each component.

Ιf any patches have been applied, they are listed in the summary screen.

Review the information and, if it is correct, click **Next**

**Apply patches**

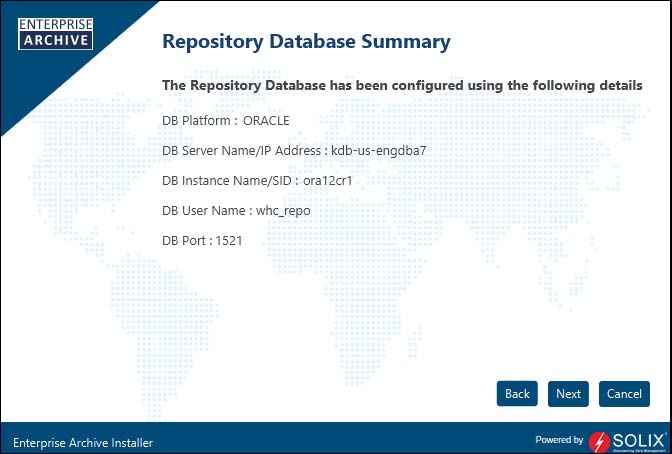
When you follow the process described in the Enterprise Archive 8.0.11 release notes, the patch files are copied to the /utilities/EDMSPatches. After you run the installer, do the following:

1. Select **Apply Enterprise Archive Application Patch or Patches** from the Modify Enterprise Archive Application Components list, then click **Next**.



1. Review the information in the Repository Database Summary screen, then click **Next**.

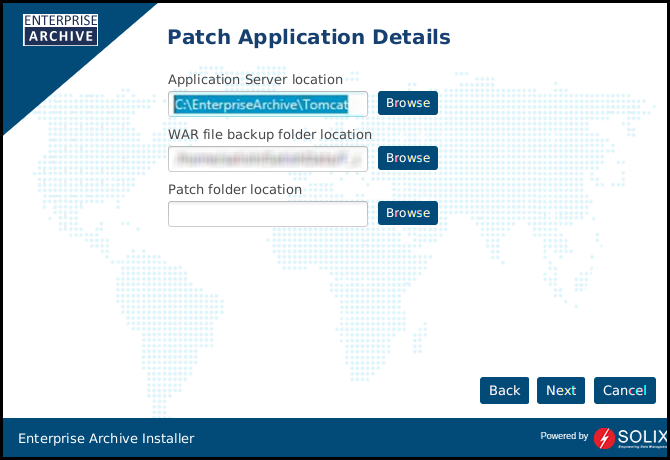
**Note**: If the repository database is RAC Enabled, the Repository Database Summary screen also shows the RAC Connection information.



1. In the Patch Application Details screen, review the location of the Enterprise Archive server and the backup folder. If necessary, click **Browse** to change the locations.
2. Enter the path where the patches are located in the **Patch folder location** text field or click **Browse** to select a location.

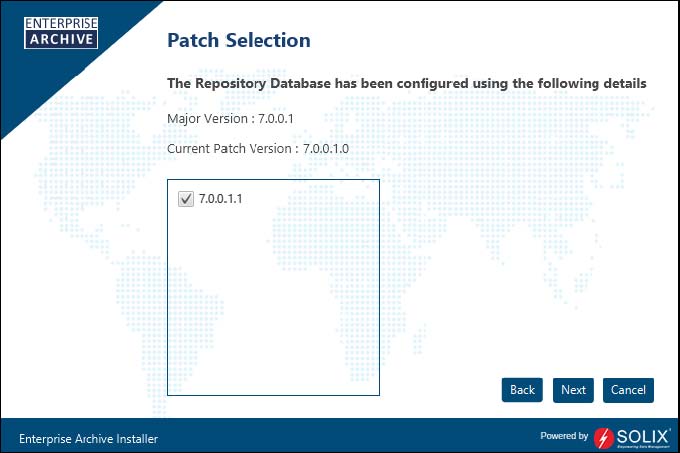
**Note:** The patches would have already copied on to the specified location.

1. Click **Next**.



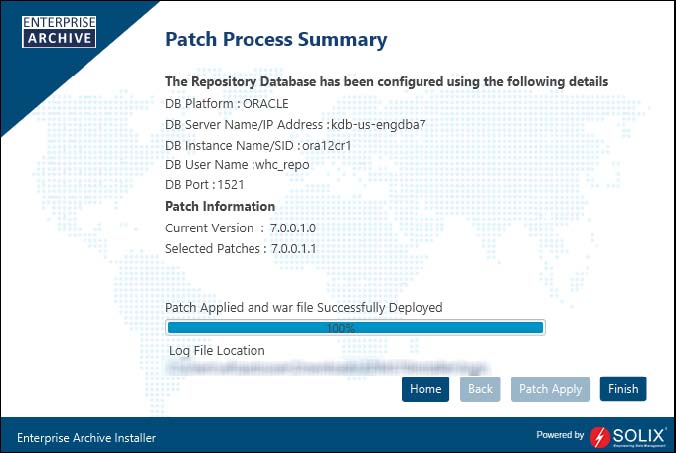
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4. In the Patch Selection screen, select one or more patches to apply, then click **Next**.



5. In the Patch Process Summary screen, click **Apply Patch**. The system applies the patches, deploys a new .war file, and starts the application server. A status bar shows the progress and the log file location is displayed at the bottom of the screen.

6. Click **Finish** when the status is 100%.



**Install the Enterprise Archive application server**

The command line interface (CLI) installer uses the following properties files, all of which are located in the Enterprise Archive installation directory in \utilities\EDMS\_CLI\_Install:

* ApplicationServerInfo.properties
* EA\_License\_Info.properties
* Install\_edms\_components.properties
* Modify\_edms\_components.properties
* RepositoryInfo.properties

To install the product via the CLI, complete the following tasks:

* “Step 1: Download the installer” on page 98
* “Step 2: Set application components” on page 98
* “Step 3: Define Repository database details” on page 99
* “Step 4: Provide application server details” on page 100
* “Step 5: Provide license details” on page 101
* “Step 6: Run the CLI installer” on page 101

**Step 1: Download the installer**

Download or copy the installer to the local system.

**Note**: The installer **must** reside on the local system. Do not remove it after the initial installation; future patches or service releases will use the same installer.

**Step 2: Set application components**

To configure the Repository database, the Enterprise Archive application server, and/or the Enterprise Archive license:

1. Navigate to:

*Install the Enterprise Archive application server*

<installer\_directory>\utilities\EDMS\_CLI\_Install

2. Open Install\_edms\_components.properties with a text editor. The file contains the following lines:

EDMS\_Repository\_Database=N EDMS\_Application\_Server=N EA\_License=N

1. You can configure one or all of the listed components by changing the **N** to **Y**.
2. Save the file when finished.

**Step 3: Define Repository database details**

If you select EDMS\_Repository\_Database=Y in Task 1, you must provide the appropriate details.

1. Encrypt the Repository database password:

a. In a command window, navigate to the location of the Enterprise Archive installer.

b. Depending on the operating system, enter the following:

**Windows:**

EA\_INSTALL ENCRYPT *password\_name*

**Linux:**

sh EA\_INSTALL\_Linux.sh ENCRYPT *password\_name*

**AIX:**

sh EA\_INSTALL\_AIX.sh ENCRYPT *password\_name*

c. The system returns with the encrypted password: ENCRYPTED PASSWORD: xxxxx

d. Make a note of the encrypted password.

2. Navigate to:

<installer\_directory>\utilities\EDMS\_CLI\_Install

3. Open RepositoryInfo.properties with a text editor:

#RepositoryInfo.properties # EDMS Repository Database Settings

database=ORACLE ipaddress=127.0.0.1 port=1433 instancename=EDMS username=sa password=FLqJfLYI/rjkEJxXwPvfFA==

racenable=N

racurl= jdbc:oracle:thin:@//<scan-id>:<port>/<Service­

name>

4. Edit the file with the information appropriate for your environment:

1. database= Enter SQL Server or Oracle.
2. ipaddress=Enter the IP address of the machine where the Repository database resides.
3. port=Enter the database port number. Typically it is 1433 for SQL Server and 1521 for Oracle.
4. instancename=Enter the name of the Repository database or instance.
5. username= Enter the name of the database owner or sa.
6. password= Enter the encrypted password created in Task 2.
7. Racenable = Change N to Y to enable the RAC environment for Oracle RAC.

Racurl = Enter the URL of the RAC connection to connect to the repository database.

for example: jdbc:oracle:thin:@//<scan-id>:<port>/<Service¬

name>

5. Save the file when finished.

**Step 4: Provide application server details**

1. Navigate to:

<installer\_directory>\utilities\EDMS\_CLI\_Install Open ApplicatonServerInfo.properties with a text editor: #ApplicationServerInfo.properties # EDMS Application Server Settings # example path for Windows: # EDMS\_SERVER\_LOC=C:\foldername\EnterpriseArchive EDMS\_SERVER\_LOC=C:\EnterpriseArchive EDMS\_SERVER\_PORT=8090

*Install the Enterprise Archive application server*

**Step 5: Provide license details**

1. Navigate to:

<installer\_directory>\utilities\EDMS\_CLI\_Install

2. Open EA\_License\_Info.properties with a text editor:

#EA\_License\_Info.Properties # Enterprise Archive License Location Settings: # EA\_KB\_80/ALL KB\_NAME=EA\_KB\_80 PROTOCOL=http SERVERNAME=developers.solix.com INSTANCENAME=wfc PORTNUMBER=80

3. Edit the file with information appropriate for your environment:

1. KB\_NAME= If this is the initial installation, leave the default value or enter the name of the knowledge base to which this license should apply.
2. PROTOCOL= Enter http or https.
3. SERVERNAME= Enter the fully qualified domain name of the Production server.
4. INSTANCENAME= Enter the Workforce Central instance name
5. PORTNUMBER= Enter the port number used by the Workforce Central web server, typically port 80.

4. Save the file when finished.

**Step 6: Run the CLI installer**

Depending on your operating system, run the installer from a command window as follows:

• **Windows**:

cd <installer\_directory>

Silent\_Install\_Win.bat INSTALL

• **Linux**:

cd <installer\_directory> sh Silent\_Install\_Linux.sh INSTALL

• **AIX**:

cd <installer\_directory> sh Silent\_Install\_AIX.sh INSTALL

*Upgrade Enterprise Archive*

**Upgrade Enterprise Archive**

**Important:** These instructions assume that you previously used the CLI installer (silent installation) to install version 8.0 of Enterprise Archive. If you did not use the CLI installer for 8.0, see “Use the command line interface” on page 95.

The command line interface (CLI) installer uses the following properties files, all of which are located in the Enterprise Archive installation directory in \utilities\EDMS\_CLI\_Install:

* ApplicationServerInfo.properties
* EA\_License\_Info.properties
* RepositoryInfo.properties
* Upgrade\_edms\_components.properties

To install the product via the CLI, complete the following tasks:

* “Step 1: Download the installer” on page 103
* “Step 2: Set application components” on page 104
* “Step 3: Define Repository database details” on page 104
* “Step 4: Provide application server details” on page 100
* “Step 5: Provide license details” on page 106
* “Step 6: Run the CLI installer” on page 107

**Step 1: Download the installer**

Download or copy the installer to the local system, where the original installer resides.

**Note**: The installer **must** reside on the local system. Do not remove it after the initial installation; future patches or service releases will use the same installer.

**Step 2: Set application components**

To configure the Repository database, the Enterprise Archive application server, and/or the Enterprise Archive license:

1. Navigate to:

<installer\_directory>\utilities\EDMS\_CLI\_Install

2. Open Upgrade\_edms\_components.properties with a text editor. The file contains the following lines:

EDMS\_Repository\_Database\_Upgrade=N EDMS\_Application\_Server\_Upgrade=N EA\_License=N

1. You can configure one or all of the listed components by changing the **N** to **Y**.
2. Save the file when finished.

**Step 3: Define Repository database details**

If you select EDMS\_Repository\_Database\_Upgrade=Y in Task 1, you must provide the appropriate details.

1. Encrypt the Repository database password:

a. In a command window, navigate to the location of the Enterprise Archive installer.

b. Depending on the operating system, enter the following:

**Windows:**

Silent\_Install\_Win.bat ENCRYPT *password\_name*

**Linux:**

sh Silent\_INSTALL\_Linux.sh ENCRYPT *password\_name*

**AIX:**

sh Silent\_INSTALL\_AIX.sh ENCRYPT *password\_name*

c. The system returns with the encrypted password: ENCRYPTED PASSWORD: xxxxx

d. Make a note of the encrypted password.

2. Navigate to:

<installer\_directory>\utilities\EDMS\_CLI\_Install

3. Open RepositoryInfo.properties with a text editor:

#RepositoryInfo.properties # EDMS Repository Database Settings database=ORACLE ipaddress=127.0.0.1 port=1433 instancename=EDMS username=sa password=FLqJfLYI/rjkEJxXwPvfFA==

racenable=N

racurl= jdbc:oracle:thin:@//<scan-id>:<port>/<Service­

name>

4. Edit the file with the information appropriate for your environment:

1. database= Enter SQL Server or Oracle.
2. ipaddress=Enter the IP address of the machine where the Repository database resides.
3. port=Enter the database port number. Typically it is 1433 for SQL Server and 1521 for Oracle.
4. instancename=Enter the name of the Repository database or instance.
5. username= Enter the name of the database owner or sa.
6. password= Enter the encrypted password created in Task 2.
7. Racenable = Change N to Y to enable the RAC environment for Oracle RAC.

Racurl = Enter the URL of the RAC connection to connect to the repository database.

for example: jdbc:oracle:thin:@//<scan-id>:<port>/<Service¬

name>

5. Save the file when finished.

**Step 4: Provide application server details**

1. Navigate to:

<installer\_directory>\utilities\EDMS\_CLI\_Install

2. Open ApplicatonServerInfo.properties with a text editor: #ApplicationServerInfo.properties # EDMS Application Server Settings # example path for Windows:

EDMS\_SERVER\_LOC=C:\foldername\EnterpriseArchive EDMS\_SERVER\_LOC=C:\EnterpriseArchive EDMS\_SERVER\_PORT=8090