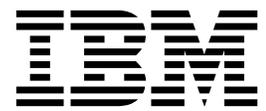


IBM Maximo for Aviation MRO  
Version 7 Release 6

*Installation Guide*



**Note**

Before using this information and the product it supports, read the information in "Notices" on page 7.

This edition applies to version 7, release 6 of IBM Maximo for Aviation MRO and to all subsequent releases and modifications until otherwise indicated in new editions.

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## Chapter 1. Planning to deploy Maximo for Aviation MRO

IBM® Maximo® for Aviation MRO 7.6 can be installed and configured on a single administrative workstation.

You can also install the IBM Maximo Anywhere Work Execution for Complex Assets mobile app as an optional component on a computer where IBM Maximo Anywhere 7.5.1.2 is installed.

Before you begin, plan the deployment and designate one or more computers for the installation.

If you intend to install IBM Maximo Anywhere Work Execution for Complex Assets, read the planning and installation information for IBM Maximo Anywhere in the IBM Knowledge Center.

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### System requirements for IBM Maximo for Aviation MRO

Before you install Maximo for Aviation MRO, your environment must meet all of the hardware and software requirements.

Administrative user rights are required for the installation of Maximo for Aviation MRO and the Work Execution for Complex Assets component.

#### **IBM Maximo for Aviation MRO administrative workstation**

When you install Maximo for Aviation MRO, Maximo Asset Management 7.6.0.1 and the middleware components are also deployed.

The middleware components that are deployed are IBM DB2®, and IBM WebSphere® Application Server.

#### **IBM Maximo Anywhere Work Execution for Complex Assets**

As part of the Work Execution for Complex Assets app installation, you must deploy some required components on the Maximo for Aviation MRO administrative workstation. The required components include OSLC object structures and licenses that enable a set of applications in Maximo Asset Management.

Next, you install IBM Maximo Anywhere 7.5.1.2 and the Work Execution for Complex Assets app on a designated computer.

Because you deployed the required components on the Maximo for Aviation MRO administrative workstation already, you are not required to deploy the required components that are delivered with Maximo Anywhere.

A complete list of hardware and software requirements is available in the System Requirements section of the Maximo Asset Management wiki.

#### **Related information:**

-  [Maximo Asset Management system requirements wiki](#)
-  [Maximo Anywhere system requirements wiki](#)



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## Chapter 2. Installing Maximo for Aviation MRO

The Maximo for Aviation MRO deployment includes Maximo Asset Management and the related middleware.

### Before you begin

If you intend to perform a silent installation of the product later, see the information about installing Maximo for Aviation MRO silently.

### Procedure

1. Download the Maximo for Aviation MRO product software for your operating system from IBM Passport Advantage<sup>®</sup> and extract the installation images to a local directory.
2. Start the launchpad by double-clicking the launchpad file. If your computer is a Windows system, use the launchpad64.exe file. If your computer is a UNIX or Linux system, use the launchpad.sh file.
3. On the Install IBM Maximo for Aviation MRO pane, select the check boxes for **IBM DB2**, **IBM WebSphere Application Server**, and **IBM Maximo for Aviation MRO**, and click **Install**.
4. Complete the installation program. The configuration program starts automatically.
5. Configure the installed components:
  - a. On the configuration operations panel, click **Configure a New Deployment**.
  - b. In the Define Deployment Environment panel, specify information about the your database and application server, in this example, DB2<sup>®</sup> and WebSphere<sup>®</sup> Application Server Network Deployment servers that you installed and prepared. Select Create and configure the database to automatically configure WebSphere Application Server Network Deployment and DB2. After you define your deployment environment, click Finish.
  - c. In the Configure General Product Information panel, review summary details about the product components that you are installing. Specify the appearance and navigation features for your product, add an e-mail address to receive workflow messages, and choose whether or not to deploy sample data.
  - d. In the Configure the DB2 Instance panel, specify information about the DB2 instance to create for Maximo for Aviation MRO.
  - e. In the Configure the DB2 Database panel, specify information about the DB2 database to create for Maximo for Aviation MRO.
  - f. In the Configure the Application Server panel, specify information for the WebSphere Application Server Network Deployment server that you installed. If you chose to persist messages, indicate whether you want to store JMS messages that originate from the integration adapter.
  - g. In the Configure Application Security panel, choose a security model for Maximo for Aviation MRO. If you choose a security model that includes a directory server, specify information about the directory for the virtual member manager. Enter the user names and passwords for users that must be created for Maximo for Aviation MRO. Do not use the user name as a password value.



- local directory. For example, create a directory that is called *install\_home\maximoAnywhere\Max\_Anywhere\_WM\_V751*.
7. Download IBM Maximo Anywhere fix pack 7.5.1.2 from IBM Fix Central, and extract the *Max\_Anywhere\_WM\_V7512.zip* file into a local directory. For example, create a directory that is called *install\_home\maximoAnywhere\Max\_Anywhere\_WM\_V7512*.
  8. Start IBM Installation Manager and select **File > Preferences**.
  9. In the Preferences window, select the **Repositories** tab and click **Add Repository**.
  10. Add repositories by browsing to the following directories and clicking **OK > Apply** after each new entry:
    - *install\_home\maximoAnywhere\Max\_Anywhere\_WM\_V751\Install\Worklight\disk1\diskTag.inf*
    - *install\_home\maximoAnywhere\Max\_Anywhere\_WM\_V751\Install\MaximoAnywhereAllIMRepos.zip*
    - *install\_home\maximoAnywhere\Max\_Anywhere\_WM\_V7512\Install\WorklightHotfix\disk1\diskTag.inf*
    - *install\_home\maximoAnywhere\Max\_Anywhere\_WM\_V7512\Install\AnywhereComp7512.zip*
  11. On the Installation Manager home page, click **Install** and complete the installation wizard.
  12. From the extracted *AnywhereCA\_7.5.1.2\_launchpad.zip* file, start the launchpad.
  13. On the Install IBM Maximo Anywhere Work Execution for Complex Assets pane, click **Install**.
  14. Complete the installation wizard.
  15. Build and deploy the Work Execution for Complex Assets app by following the instructions in the IBM Knowledge Center ([www.ibm.com/support/knowledgecenter/SSPJLC\\_7.5.1/com.ibm.si.mpl.doc\\_7.5.1/build\\_deploy/t\\_ctr\\_build\\_deploy\\_apps.html](http://www.ibm.com/support/knowledgecenter/SSPJLC_7.5.1/com.ibm.si.mpl.doc_7.5.1/build_deploy/t_ctr_build_deploy_apps.html)).

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## Installing Maximo for Aviation MRO silently

A silent installation is useful for installing Maximo for Aviation MRO on any computers that are configured in the same way. Instead of using the installation programs, you run commands by using either a generated response file from the initial installation of Maximo for Aviation MRO, or by using a sample response file.

### Before you begin

To create a response file during the installation of Maximo for Aviation MRO, open a command prompt and set the record environment variable. Then, start the Maximo for Aviation MRO launchpad. The response file is generated in the home directory of the user ID that started the program.

Alternatively, you can modify one of the sample response files that are provided in the installation image. The sample files are called *ResponseFile\_AviationMRO\_Install\_Windows.xml* and *ResponseFile\_AviationMRO\_Install\_Unix.xml*.

Ensure that the values in the response file are valid for the target system. If you update the value for the **installLocation** parameter, you must also provide a new value for the **profile id** parameter.

## Procedure

1. Copy the response file and the compressed installation image to the target computer.
2. On the target computer, open a command prompt and change directory to the location of the Installation Manager program.

Option	Description
Windows	cd C:\SMP\IBM\InstallationManager\ eclipse\tools\
Linux and UNIX	cd /opt/IBM/InstallationManager/eclipse/ tools/

3. Silently start Installation Manager by running the following command:

```
imcl -input responsefilename  
-log logfile-acceptLicense
```

The **-input** parameter determines the path to the response file and the **-log** parameter determines the path to where the log files are written. The **-acceptLicense** parameter is used to accept the license automatically. For example, on Windows, run the following command:

```
imcl -silent -input C:\tmp\ResponseFile_AviationMRO_Install_Windows.xml  
-log C:\tmp\silent_install_log.xml -acceptLicense
```

## Results

The installation proceeds silently with the values that you provided in the response file. By using different response files as input, you can silently install middleware on separate systems.

### Related information:

 [Silent installation](#)

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