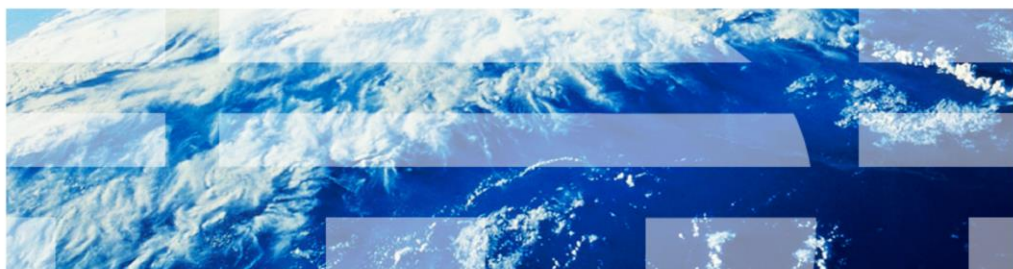


# IBM Maximo Asset Management V7.5

## Clone a Maximo V7.5 administrative workstation



In this training module for Maximo® Asset Management V7.5, you learn how to clone a Maximo V7.5 administrative workstation to another workstation.

## Objectives

When you complete this module, you can perform these tasks:

- Back up the IBM Maximo V7.5 folder
- Configure the new Maximo V7.5 administrative workstation
- Set Maximo properties

When you have completed this module, you can perform these tasks. Back up the Maximo V7.5 folder. Configure the new Maximo V7.5 administrative workstation. And set Maximo properties.

## Requirements

- Both workstations must have identical versions of Windows
- The Maximo location must be the same on both workstations
- The middleware must be installed for each environment

You can clone or port a Maximo environment to another workstation from a workstation where Maximo is installed. The operating system on both workstations must be identical. If one is Windows 2003 Service Pack 2 64-bit, the second workstation must be the same. It cannot be, for example, Windows 2003 Service Pack 2 32-bit or Windows 2003 64-bit. On both workstations, Maximo must be in the same location. If Maximo is installed on the E drive on the first workstation, then it must be set up on the E drive of the second workstation. The cloning process happens after the Maximo application software is installed and configured for the second environment.

## Backing up the Maximo V7.5 folder on the source workstation

- Compress the **ibm\smp** folder
- Back up the Maximo database

You need to perform two tasks on the first, or source, workstation. First, you compress the `ibm\smp` folder. Second, decide whether to use the database of the source environment. If you decide to use that database, then you need to create a backup of it.

## Configuring the new Maximo V7.5 administrative workstation

- Copy the compressed smp folder to the destination workstation
- Extract the smp folder
- Change the deployment engine host name by running **de\_chghostname** from **ibm\smp\ctg\_de\acsi\bin**

Now, copy the compressed smp folder to the second, or destination, workstation. And extract the smp file to the same drive as the first workstation.

The deployment engine in Maximo V7.5 is a private deployment engine that is included in the installation location. By default, the location for the deployment engine is `ibm\smp\ctg_de`. You must change the host name for the deployment engine to indicate that it is running on a different workstation. To do this, open a command prompt. Change directories to `ibm\smp\ctg_de\acsi` and run the `setenv` command. Then, change directories to `bin` and run `de_chghostname`.

## Completing the cloning process

- Restore the database
- Modify these files and change the properties to reflect the new environment:
  - `ibm\smp\etc\install.properties`
  - `ibm\smp\maximo\applications\maximo\properties\maximo.properties`
- Build and deploy the EAR files
- Modify properties from System Properties application

Next, restore the backed-up database from the first environment to the database in this second environment. Then you must update the properties to reflect this new environment. For example, you need to update the database server and connectivity information, and the application server information. The two files that contain these properties are shown on this slide.

When you modify the `maximo.properties` file, edit the non-encrypted file and then run `encryptproperties` to re-encrypt the file after you have changed the properties. Also, you need to build and deploy the EAR files to the application server JVM for this second environment. Finally, log in to Maximo as an administrative user and go to the System Properties application. Modify the same properties that you changed in the files and set them to the same files. If you encounter errors with this process or other component installations in this environment, you might have to use the original installation on this new administrative workstation.

## Summary

Now that you have completed this module, you can perform these tasks:

- Back up the IBM Maximo V7.5 folder
- Configure the new Maximo V7.5 administrative workstation
- Set Maximo properties

Now that you have completed this module, you can perform these tasks. Back up the Maximo V7.5 folder. Configure the new Maximo V7.5 administrative workstation. And set Maximo properties.

## Useful links

- Maximo landing page  
<http://www-1.ibm.com/support/docview.wss?uid=swg21418666>
- Cloning a Maximo V7.5 administrative environment  
<http://www-01.ibm.com/support/docview.wss?uid=swg21502849>

For more information, see these links.



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