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ORACLE® ENTERPRISE PERFORMANCE  
MANAGEMENT SMART SPACE

*RELEASE 9.3.1*

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ADMINISTRATOR'S GUIDE

ORACLE® | Hyperion®

Smart Space Administrator's Guide, 9.3.1

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Authors: Kathleen Day, Patty Andrews

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# 1

## Installing and Uninstalling the Administration Utility

### In This Chapter

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The Administration Utility securely signs and publishes Smart Space gadgets and framework to create a URL that users employ to install the Oracle® Enterprise Performance Management Smart Space client software. For more information on Smart Space, see <http://www.oracle.com/technology/products/bi/epm/smart-space/index.html>.

#### Note:

You can install on any Windows computer that connects to the Smart Space services using HTTP or HTTPS; however, .NET 2.0 must be installed on the computer where you run the Administration Utility.

You can also use the Administration Utility to update the Smart Space services or to add a provider or repository.

## What Happens During Installation of the Administration Utility

The Administration Utility installation program performs these operations:

- Creates directories and subdirectories under the location specified during installation.

The Administration Utility folder is installed by default to, `C:\Program Files\Oracle EPM\Oracle EPM Smart Space Administration Utility`

Administration Utility File or Folder	Contents
Smart Space Administration Utility	Files and folders for installing and configuring the Administration Utility
FrameWork	The Smart Space framework file.
Gadgets	The Smart Space gadgets files.

Administration Utility File or Folder	Contents
<p>users.conf</p> <p><b>Note:</b> users.confis located on the Smart Space server in the /Security directory.</p>	<p>By default this contains the Oracle's Hyperion® Shared Services user and provider you used to configure the Smart Space server. Update this file and add users to enable them to logon to the Administration Utility. See <a href="#">“Enabling User Access” on page 9</a>.</p> <p><b>Note:</b> Only the users in this file can logon to the Administration Utility.</p>

- Adds shortcuts to the Start menu and desktop.

## Installing the Administration Utility

- To install the Administration Utility:
  - 1 Click this installation URL `http://server:port/SmartSpace/Installations/AdminUtility/Setup.msi`, substitute your server and port into `server:port`.
  - 2 Click **Run** to download and start the installation.
  - 3 Review the publisher to ensure it is valid and click **Run**.
  - 4 From the Welcome screen, click **Next**.
  - 5 Enter an installation folder name or accept the default, specify the users and click **Next**.
  - 6 Click **Next** to start the installation.

Wait for the installation to complete.

  - 7 Click **Close** to exit.

## Uninstalling the Administration Utility

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### Caution!

Exit Smart Space Administration Utility before you uninstall.

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- To uninstall the Administration Utility:
  - 1 Select **Start > Settings > Control Panel**.
  - 2 Double-click **Add or Remove Programs**.
  - 3 Select **Oracle EPM Smart Space Administration Utility** and click **Remove**.

# 2

## Using the Administration Utility

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## Configuring and Connecting

The first time you use the Administration Utility you need to configure it to point to the Smart Space server. You also need to logon.

► **Configuring the Administrator Utility:**

- 1 Ensure that .NET 2.0 and the Administrative Utility are installed on the same computer.**

The Smart Space services must be running on the Smart Space server.

- 2 From Windows, to verify that the services are running :**

- From the Smart Space server, select **Start > Settings > Control Panel > Administrative Tools > Services**.
- Ensure that these services are running:
  - Oracle EPM Smart Space Web Services. The file is `HySSWebService.exe`.
  - Oracle EPM Smart Space Collaborator. The file is `wildfire-service`.
- If a service is not running, start it:
  - Select **Start > Programs > Oracle EPM Smart Space > Start Web Services**.
  - Select **Start > Programs > Oracle EPM Smart Space > Start Collaborator**.

- 3 From UNIX, verify that the services are running:**

- To check Oracle EPM Smart Space Web Services, browse to `http://host:port/SmartSpace/` or use the listen port (default 17080).

- b. To check Oracle EPM Oracle® Enterprise Performance Management Smart Space Collaborator services, use the listen port (default 5222) or from the folder Collaborator/bin/wf.sh use the status option. For example:

```
Hyperion_Home/SmartSpace/9.3/Collaborator/bin/.wf.sh start  
The daemon is running.
```

- c. If a service is not running, start it:
- i. To start Web services, navigate to HYPERION\_HOME/deployments/Tomcat5/bin in the deployments directory and enter ./startSmartSpace.sh.
  - ii. To start Smart Space Collaborator, navigate to HYPERION\_HOME/SmartSpace/ReleaseNumber/Collaborator/bin folder and enter ./wf.sh.

The *first* time you run these services on UNIX, you need to start Oracle® Enterprise Performance Management Smart Space Collaborator, stop it and then restart it. Perform these steps:

1. Wait for a few moments.
2. Enter ./wf.sh stop
3. Enter ./wf.sh start

**4 Select Start > Programs > Oracle EPM Smart Space > Smart Space Administration Utility.**

**5 Click Settings.**

**6 Enter the Smart Space server and port (default 17080), and click Test Connection.**

**Note:**

If the connection fails, check the services and your computer, return to [step 1 on page 7](#).

**7 Select a certificate:**

- To use your own certificate:
  - a. Click **Select from Store**.
  - b. Select your certificate and click **OK**.

**Tip:**

Use the Certificates snap-in from Microsoft Management Console to install your company certificate.

- To use a test certificate (only for testing and development environments):
  - a. Click **Select from File**, and browse to C:\Program Files\Oracle EPM Smart Space Administration Utility.
  - b. Select TestCertificate.pfx, and click **Open**.
  - c. For the password, enter Test, and click **OK**.

**Note:**

Passwords are case-sensitive.



- d. Click OK.
- 8 Click **Connect** and enter the shared services user name and password entered during the configuration process.

**Tip:**

To enable users to logon to the utility, see “[Enabling User Access](#)” on page 9.

- 9 **Optional:** Set to retain your user name and password and auto-connect when the Administration Utility starts.

## Enabling User Access

By default, `users.conf` contains the Shared Services user name and provider used to configure the Smart Space server. From the server, update this file and add users to enable them to logon to the Administration Utility.

**Note:**

You must restart the Administration Utility after you update `users.conf`.

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**Caution!**

The user names entered in `users.conf` are case sensitive. The case must match the user name and provider in the Shared Services server.

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► To update `users.conf`:

- 1 To find the case sensitive user's name and provider in the Shared Services server:
  - a. Logon to the Oracle's Hyperion® Shared Services server with administrative privileges.
  - b. From **Provisioning** click the provider node. This is the provider name.
  - c. From the users column, find the user name.
- 2 From the Smart Space server, edit the `HYPERION_HOME/9.3/Security/users.conf` file and add `username@provider`. Following is an entry for the user name `JaneDoe` on the provider `Server1`

```
JaneDoe@LdapProvider1
```

## Publishing the Smart Space Framework and Gadgets

Use the Administration Utility to:

- Securely sign and publish the Smart Space framework and the gadgets to the Smart Space server. This sets up the Smart Space client installation URL.

- Publish a custom gadget to an existing Smart Space server. You must develop and build the custom gadget first with the Smart Space Development Kit.

► To sign and publish:

- 1 The Smart Space services must be running on the Smart Space server. To verify that the services are running:
  - a. If you are using Windows, see [step 2 on page 7](#).
  - b. If you are using UNIX, see [step 3 on page 7](#).

2

- 3 Select **Start > Programs > Oracle EPM Smart Space > Smart Space Administration Utility**.

**Note:**

If you are running the Administration Utility for the first time, perform “[Configuring and Connecting](#)” on page 7.

- 4 If you are not logged on, click **Connect** and logon.
- 5 If you do not have a certificate selected, click **Settings** and perform an action:
  - To use your own certificate:
    - a. Click **Select from Store**.
    - b. Select your certificate, and click **OK**.

**Tip:**

Use the Certificates snap-in from Microsoft Management Console to install your company certificate.

- To use a test certificate (only for testing and development environments):
  - a. Click **Select from File**, and browse to C:\Program Files\Oracle EPM\Oracle EPM Smart Space Administration Utility.
  - b. Select `TestCertificate.pfx`, and click **Open**.
  - c. For the password, enter `Test`, and click **OK**.

**Note:**

Passwords are case-sensitive.

- d. Click **OK**.

- 6 Select **Sign & Publish**, and perform these actions:
  - a. Click **Add**, browse to C:\Program Files\Oracle EPM Smart Space Administration Utility\Framework, select `SmartSpace.SmartSpaceFramework`, and click **Open**.
  - b. Click **Add**, browse to C:\Program Files\Oracle EPM Smart Space Administration Utility\Gadgets, select all gadget files with the extension `.SmartSpaceGadget`, and click **Open**.

**7 For each entry, from **Action**, perform one of the following actions:**

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**Caution!**

If the Administration Utility experiences server time-outs when connecting to the Smart Space server, or if you cannot directly access the Smart Space server (there is no Internet connection), you can sign the gadgets and framework locally and then copy and publish the files to the server.

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- To sign and publish the framework and gadgets on the server:
  - a. Select **Publish** (the default setting).
  - b. Click **Apply**.

These items are created on the Smart Space server:

- The signed and published framework is created in `HYPERION_HOME\SmartSpace\9.3\ClickOnce\Active\ClickOnceFramework\SmartSpace`.
- The signed and published gadgets are created in `HYPERION_HOME\SmartSpace\9.3\ClickOnce\Active\ClickOnceGadget\GadgetName`.

**Tip:**

Where *GadgetName* is the actual gadget, such as KeyContacts or Favorites.

- To sign the framework and gadgets locally and then publish them manually:
  - a. Select **Local Sign**.
  - b. Click **Apply**.
  - c. Follow the procedure described in [“Manually Publishing the Smart Space Framework and Gadgets”](#) on page 12.

**8 Optional:** To set *published* gadgets to automatically install on users' desktops, click **Recommended**.

**9 Optional:** To copy the installation URL to your clipboard, right-click an item, and select **Copy Framework launch URL to clipboard**.

**10 Distribute the Smart Space client installation URL:** `http://server:port/SmartSpace/SmartSpace.application` substitute your server and port in *server:port*.

**Note:**

Alternatively distribute the information map which has a link to install the Smart Space client and ensures that the client is using the correct browser. `http://server:port/SmartSpace/Start.html` substitute your server and port in *server:port*.

**11 Optional:** Click **Download** to copy a gadget off the server or to create a local back-up of the gadget.

**Note:**

You can also download a gadget and then re-publish it with a different certificate.

# Manually Publishing the Smart Space Framework and Gadgets

If the Administration Utility experiences server time-outs when connecting to the Smart Space server, or if you cannot directly access the Smart Space server (no Internet connection), you can sign the gadgets and framework using the Administration Utility and then manually copy the files to the server.

## Note:

Check your application server documentation for information on increasing timeout settings.

Follow these instructions for each gadget that you signed locally.

➤ To manually publish gadgets:

- 1 After locally signing a gadget (see [step 7 on page 11](#)), navigate to `C:\Program Files\Oracle EPM Smart Space Administration Utility\Gadgets`.
- 2 Create a `\gadgetname` folder for each gadget, where `gadgetname` is the name of the `.SmartSpaceGadget` file. For example, create the `SmartBook` folder for `SmartBook.SmartSpaceGadget`.
- 3 Copy each `gadgetname.SmartSpaceGadget` file to its respective gadget folder.

## Tip:

For example, copy `SmartBook.SmartSpaceGadget` to `\SmartBook`.

- 4 Rename `gadgetname.SmartSpaceGadget` to `gadgetname.zip`.
- 5 Open `gadgetname.zip` and extract the contents to its respective gadget folder.

## Tip:

For example, extract the contents of `SmartBook.zip` to `\SmartBook`.

- 6 Rename `gadgetname.zip` to `gadgetname.ClickOnceGadget`.
- 7 To copy the files to the Smart Space server perform these steps:
  - a. Copy `gadgetname.ClickOnceGadget` to `Hyperion_HOME \SmartSpace\9.3 \ClickOnce\ClickOnceInstallations\ClickOnceGadget\gadgetname\9.3.1.x`.
  - b. Copy the `\gadgetname` folder to the Smart Space server at `Hyperion_HOME \SmartSpace\9.3\ClickOnce\Active\ClickOnceGadget`.

➤ To manually publish the framework:

- 1 After signing the framework (see [step 7 on page 11](#)), navigate to `C:\Program Files\Oracle EPM Smart Space Administration Utility\Framework`.

- 2** Create the subfolder `SmartSpace`.
- 3** Copy `SmartSpace.SmartSpaceFramework` to the subfolder `SmartSpace`.
- 4** Rename `SmartSpace.SmartSpaceFramework` to `SmartSpace.zip`.
- 5** Open `SmartSpace.zip`, and extract its contents into the subfolder `SmartSpace`.
- 6** Rename `SmartSpace.zip` to `SmartSpace.ClickOnceFramework`.
- 7** To copy the framework to the Smart Space server perform these steps:
  - a. Copy `SmartSpace.ClickOnceFramework` to the Smart Space server at `Hyperion_HOME\SmartSpace\9.3\ClickOnce\ClickOnceInstallations\ClickOnceFramework\SmartSpace\9.3.1.x`.
  - b. Copy the `\SmartSpace` folder to the Smart Space server at `Hyperion_HOME\SmartSpace\9.3\ClickOnce\Active\ClickOnceFramework`.
- 8** Return to [step 8 on page 11](#).



# 3

## Using the Services and Providers

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### Using Services

When the Administration Utility connects to Smart Space the information in the Services tab is updated, these services are set up during installation. To test service connections, click Test Connection. You can also change the service information or disconnect.

### Using Providers

Use the Administration Utility to add providers; then you can build gadgets to access the providers. A provider is a back-end system or other connection stored globally for access by all users. To use providers, see the *Oracle® Enterprise Performance Management Smart Space Developer's Guide*.

**Note:**

Access documentation using this URL:`http://server:port/SmartSpace/Start.html`  
substitute your server and port in *server:port*.





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