WebSphere®

IBM

Customizing WebSphere eXtreme Scale for z/OS

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Customizing WebSphere eXtreme Scale for z/OS

To customize WebSphere® eXtreme Scale for target z/OS systems, you can use the WebSphere Customization Tools to create and augment customized jobs.

Before you begin

- Verify your system contains the latest level of WebSphere Application Server Network Deployment:
  - If you are running Version 6.1, your system must contain Fix Pack 27 at a minimum. See Installing your Version 6.1 application serving environment for more information.
  - If you are running Version 7.0, your system must contain Fix Pack 3 at a minimum. See Installing your Version 7.0 application serving environment for more information.
- Install WebSphere eXtreme Scale for z/OS. See the WebSphere eXtreme Scale Program Directory on the Library Page for more information.

1. Install the WebSphere Customization Tools Version 7.0.0.3 or later to customize your WebSphere eXtreme Scale for z/OS environment. See "Installing the WebSphere Customization Tools" for more information.
2. Generate customization definitions to augment various environments with eXtreme Scale. See "Generating customization definitions" on page 2 for more information.
3. Upload the customized jobs to your target z/OS system. See "Uploading customized jobs" on page 3 for more information.
4. Run the customized jobs. See "Running customized jobs" on page 3 for more information.

Installing the WebSphere Customization Tools

Install the WebSphere Customization Tools Version 7.0.0.3 or later to customize your WebSphere eXtreme Scale for z/OS environment.

1. Copy the extension files, `xs.wct` and `xspf.wct`, from your z/OS system to the workstation where you are installing the WebSphere Customization Tools. The extension files are in the `/usr/lpp/zWebSphereXS/util/V7R0/WCT` directory.
2. Download and install the WebSphere Customization Tools Version 7.0.0.3 or later from the appropriate Web site:
   - WebSphere Customization Tools for Windows
   - WebSphere Customization Tools for Linux
3. Upload the `xs.wct` file to the WebSphere Customization Tools application.
   a. Start the WebSphere Customization Tools application on your workstation.
   b. Click **Help** → **Software Updates** → **Install Extension**.
   c. From the WebSphere Customization Tools Extension Locations panel, click **Install new extension location**.
   d. From the Source Archive File panel, click **Browse**, navigate to the directory in which you copied the `xs.wct` file in step 1, and click **Open**.
   e. From the Product Configuration panel, click **Add an Extension Location.**
   f. Click **Yes** to restart the WebSphere Customization Tools.
4. Upload the `xspf.wct` file to the WebSphere Customization Tools application.

a. Click **Help** → **Software Updates** → **Install Extension**.
b. From the WebSphere Customization Tools Extension Locations panel, click **Install new extension location**.
c. From the Source Archive File panel, click **Browse**, navigate to the directory in which you copied the xspf.wct file in step 1, and click **Open**.
d. From the Product Configuration panel, click **Add an Extension Location.**
e. Click **Yes** to restart the WebSphere Customization Tools.

What to do next

After you upload both extension files and restart the WebSphere Customization Tools, the Welcome panel is displayed. Click **List of provided tools** → **Profile Management Tool** to begin creating and uploading customization jobs for eXtreme Scale for z/OS.

Generating customization definitions

Use the Profile Management Tool to generate customization definitions used to create the configuration for WebSphere eXtreme Scale for z/OS.

Before you begin

Install the WebSphere Customization Tools and upload the xs.wct and xspf.wct extension files. See "Installing the WebSphere Customization Tools" on page 1 for more information.

1. Start the Profile Management Tool.
   - Click **Start** → **Programs** → **IBM WebSphere** → **WebSphere Customization Tools**. After the tool starts, click the **Profile Management Tool** tab.
   - Click *operating_system_menus* → **IBM WebSphere** → **WebSphere Customization Tools**. After the tool starts, click the **Profile Management Tool** tab.
2. Add an existing location or create a new location of the customization definition that you want to create. On the **Customization Locations** tab, click **Add**.
3. Generate the customization definition. On the **Customization Definitions** tab, click **Augment**.
4. Select the type of definition environment to create:
   - Stand-alone application server node
   - Deployment manager
   - Application server
   - Managed (custom) node
5. Complete the fields in the panels. Specify the values for the parameters that are used to create your WebSphere eXtreme Scale for z/OS system.
6. Click **Augment** to generate the customization definition.

What to do next

Upload the customized job to your target z/OS system. See "Uploading customized jobs" on page 3 for more information.

Uploading customized jobs

You can upload customized jobs to a target z/OS system or export the jobs to a directory on the workstation where the Profile Management Tool is running.

Before you begin

Create the customized job that you want to process to your z/OS system. See "Generating customization definitions" on page 2 for more information.

1. Start the Profile Management Tool.
   - Click **Start** → **Programs** → **IBM WebSphere** → **WebSphere Customization Tools** → **Welcome** → **Profile Management Tool (z/OS only)** → **Launch Selected Tool**.
   - Click *operating_system_menus* → **IBM WebSphere** → **WebSphere Customization Tools** → **Welcome** → **Profile Management Tool (z/OS only)** → **Launch Selected Tool**
2. Select the location and the definition of the customized job, and click **Process**.
3. Select the type of processing that you want to complete:
   - On the **Upload Customization Definition** panel, specify the required information to upload the customized job to the FTP server on your target z/OS system.
   - On the **Export Customization Definition** panel, specify the directory to which you want to export the customized job.
4. Click **Finish**.

Running customized jobs

You can upload customized jobs to a target z/OS system or export the jobs to a directory on the workstation where the Profile Management Tool is running.

Before you begin

Create the customized job that you want to process to your z/OS system. See "Generating customization definitions" on page 2 for more information.

1. Start the Profile Management Tool.
   - Click **Start** → **Programs** → **IBM WebSphere** → **WebSphere Customization Tools** → **Welcome** → **Profile Management Tool (z/OS only)** → **Launch Selected Tool**.
   - Click *operating_system_menus* → **IBM WebSphere** → **WebSphere Customization Tools** → **Welcome** → **Profile Management Tool (z/OS only)** → **Launch Selected Tool**
2. Select the location and the definition of the customized job, and click **Process**.
3. Select the type of processing that you want to complete:
   - On the **Upload Customization Definition** panel, specify the required information to upload the customized job to the FTP server on your target z/OS system.
   - On the **Export Customization Definition** panel, specify the directory to which you want to export the customized job.
4. Click **Finish**.

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