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# Web Services and Applications Deployment Guide

Installing

# Installing

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To install Web Services, first you need to set up the two application objects it uses in the Genesys configuration environment:

- An application of type Genesys Generic Server that is called the WS Cluster Application.
- An application of type Genesys Generic Client that is called the WS Node Application.

## Configuring the Web Services applications

Perform the following procedures to configure the Web Services applications. Select a tab to configure the applications in *either* Configuration Manager or Genesys Administrator.

### Configuration Manager

#### Creating and importing the application templates

The Web Services installation package includes a template for Genesys Generic Server (the WS Cluster Application), but you must create a new template for Genesys Generic Client (the WS Node Application).

#### Start

1. To create the Genesys Generic Client template, navigate to the **Application Templates** folder. Right-click and select **New > Application Template**.
2. Configure the **General** tab of the template as shown below:
  - Name: WS\_Node
  - Type: Genesys Generic Client
  - Version: 8.6
  - State Enabled: Yes
3. Click **OK**.
4. To import the Genesys Generic Server template, navigate to the **Application Templates** folder in Configuration Manager. Right-click and select **Import Application Template**.
5. Navigate to the **templates** folder in your installation package.
6. Select the **Web\_Services\_and\_Applications\_860** template file.
7. Click **OK**.

#### End

## Creating the WS Cluster Application

### Start

1. Navigate to the **Applications** folder. Right-click and select **New > Application**.
2. Select the **Web\_Services\_and\_Applications\_860** template and click **OK**.
3. Configure the **General** tab as shown below:
  - Name: WS\_Cluster
  - Template: Workspace\_Web\_Edition\_Web\_Services\_860
  - Component Type: [Unknown]
  - State Enabled: Yes
4. On the **Tenants** tab, click **Add**.
  1. Choose the Environment tenant (or any other tenant that has a connection to your Configuration Server).
  2. Click **OK**.
5. On the **Server Info** tab, choose a Host object. See [Create Host](#) in the *Management Framework Deployment Guide* for more information about Host objects. This automatically adds a corresponding port entry. The port value is ignored by the server and does not need to be modified.
6. On the **Start Info** tab, add a "." to the Working Directory, Command Line, and Command Line Arguments fields. These values are mandatory for all applications and must be entered to save the application object. Web Services does not use these values, so the "." is used as a placeholder.
7. On the **Connections** tab, add the following connections:
  - Configuration Server
  - **T-Server/SIP Server** (if supporting voice)
  - **Interaction Server** (if supporting multimedia)
  - **Universal Contact Server** (if supporting multimedia)
  - **Stat Server** (if supporting reporting)

### Important

Default statistics definitions provided with GWS 8.6 don't fully cover 'blended' scenarios where agents use voice and multimedia/digital channels simultaneously.

8. Click **OK** to save the WS\_Cluster application.

### End

## Creating the WS Node Application

### Start

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1. Navigate to the **Applications** folder. Right-click and select **New > Application<**.
2. Select the **WS\_Node** template and click **OK**.
3. Configure the **General** tab as shown below:
  - Name: **WS\_Node**
  - Template: **WS\_Node**
  - State Enabled: **Yes**
4. On the **Connections** tab, add the following connections:
  - Cluster application that was configured in the previous procedure.
5. Click **OK** to save the **WS\_Node** application.

**End**

## Genesys Administrator

### Creating and importing the application templates

The Web Services installation package includes a template for Genesys Generic Server (the WS Cluster Application), but you must create a new template for Genesys Generic Client (the WS Node Application).

**Start**

1. To create the Genesys Generic Client template, navigate to **PROVISIONING > Environment> Application Templates**.
2. Select **New...** and configure the properties of the template as shown below:
  - Name: **WS\_Node**
  - Type: **Genesys Generic Client**
  - Version: **8.6**
  - State: **Enabled**
3. Click **Save & Close**.
4. To import the Genesys Generic Server template, click **Upload Template** in the **Tasks** panel. The **Click 'Add' and choose application template (APD) file to import** dialog opens.
5. Click **Add** and navigate to the **templates** folder in your installation package.
6. Select the **Web\_Services\_and\_Applications\_860** template file and click **Open**.
7. Click **Save & Close**.

**End**

## Creating the WS Cluster Application

### Start

1. Navigate to **PROVISIONING > Environment > Application** and click **New...**
2. In the **General** section, configure the properties of the application as shown below:
  - Name: WS\_Cluster
  - Template: Web\_Services\_and\_Applications\_860
  - State: Enabled
3. Add the following connections:
  - Configuration Server
  - **T-Server/SIP Server** (if supporting voice)
  - **Interaction Server** (if supporting multimedia)
  - **Universal Contact Server** (if supporting multimedia)
  - **Stat Server** (if supporting reporting)

### Important

KPIs and Statistics are reported only for the voice channel. Web Services does not support real-time statistics for mixed media (voice/multimedia) environments. If a mixed media environment is used, voice statistics are not accurate.

4. In the **Server Info** section, select a Tenant:
  1. Click **Add**.
  2. Choose the Environment tenant (or any other tenant that has a connection to your Configuration Server).
  3. Click **OK**.
5. Choose a Host object. See **Create Host** in the *Management Framework Deployment Guide* for more information about Host objects.
6. Add a default Listening Port:
  1. Click **Add**.
  2. Enter the application's Port. For instance 7000.
  3. Click **OK**.
7. Add a "." to the Working Directory, Command Line, and Command Line Arguments fields. These values are mandatory for all applications and must be entered to save the application object. Web Services does not use these values, so the "." is used as a placeholder.

### End

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## Creating the WS Node Application

### Start

1. Navigate to **PROVISIONING > Environment > Application** and click **New...**
2. In the **General** section, configure the properties of the application as shown below:
  - Name: WS\_Node
  - Template: WS\_Node
  - State: Enabled
3. Add the following connections:
  - Cluster application that was configured in the previous procedure.
4. Click **Save & Close**.

### End

## Next step

- [Deploying the web application](#)