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# Orchestration Server Deployment Guide

Installation

12/17/2025

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# Installation

- For a list of supported operating systems and databases, see the [Genesys Supported Operating Environment Reference Guide](#), which is available on the Genesys Documentation website at [docs.genesys.com](#).
- Genesys does not recommend installation of its components via a Microsoft Remote Desktop connection. The installation should be performed locally.

## Installation Package Location

The installation package, whether on CD or from an FTP site, contains a setup folder for Orchestration Server.

When FTP delivery is used, there are separate setup folders for Windows and Linux. Linux compatibility packages always should be installed before installing Genesys IPs.

On the Orchestration Server CD, the setup file is located as follows:

Find the file in the folder named for your operating system:

`\\solution_specific\orchestration_server\linux`

`\\solution_specific\orchestration_server\windows`

**Note:** If you install several instances of Orchestration Server component on the same computer, a separate shortcut is created for each one, based on the Application name stored in Configuration Layer.

## Installing on Windows

The installation process does not present the option of installing a server component as a service. By default, starting with 7.5, all server components (excluding Genesys Desktop and Multimedia/eServices components) are installed as services in automatic startup mode.

Using the Installation Wizard

1. Double-click `setup.exe`.
2. On the Orchestration Server CD, this file is located in the following folder: `\\solution_specific\orchestration_server\windows`. If Orchestration Server was downloaded from an FTP site, the file is located in the download directory. The Install Shield opens the **Welcome** screen.
3. Click **Next**. The **Connection Parameters to the Configuration Server** dialog box appears.

The dialog box is titled "Genesys Installation Wizard" and "Connection Parameters to the Configuration Server". It contains instructions and input fields for Host and User information.

The parameters in the Host and User fields are required to establish a connection to Configuration Server.

**Host**  
Specify the host name and port number for the machine on which Configuration Server is running.

Host name:

Port:

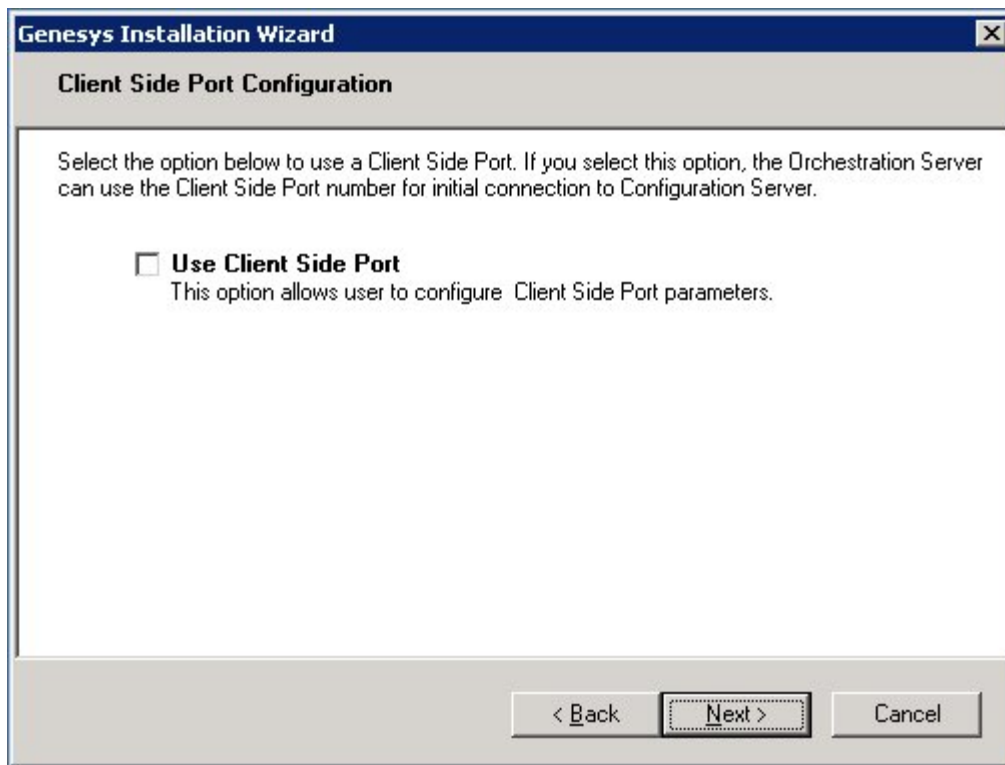
**User**  
Specify your Configuration Server user name and password.

User name:

Password:

< Back   Next >   Cancel

4. Under **Host**, specify the Host name and port number for the computer on which Configuration Server is running. This is the main "listening" port entered in the **Server Info** tab for Configuration Server, which is used for authentication in the Configuration Manager login dialog box.
5. Under **User**, enter the user name and password used for logging on to Configuration Server.
6. Click **Next** to open the **Client Side Port Configuration** dialog box.



7. If you are setting up client-side port configuration for the initial connection to Configuration Server as described in the *Genesys 8.1 Security Deployment Guide*, select the Use **Client Side Port** check box to reveal additional fields.

The screenshot shows a Windows-style dialog box titled "Genesys Installation Wizard" with a close button (X) in the top right corner. The main title bar is dark blue. Below the title bar, the dialog has a header section with the title "Client Side Port Configuration". The main content area has a light gray background and contains the following text: "Select the option below to use a Client Side Port. If you select this option, the Orchestration Server can use the Client Side Port number for initial connection to Configuration Server." Below this text is a checkbox labeled "Use Client Side Port" which is checked. To the right of the checkbox is a line of text: "This option allows user to configure Client Side Port parameters." Below this is a section titled "Configuration Options" enclosed in a thin black border. Inside this section, there are two rows of input fields. The first row is labeled "Specify Client Side Port Number." and has a text box with "Port:" followed by a text input field containing "7621". The second row is labeled "Specify Client Side IP Address." and has a text box with "IP Address:" followed by a text input field containing "172.21.26.86". At the bottom of the dialog, there are three buttons: "< Back", "Next >", and "Cancel".

8. Specify the following parameters:

- Enter any free port number (this is not the Listening port in the **Server Info** tab of the Orchestration Server Application object).
- Enter the IP Address of the computer on which you are installing and running the Orchestration Server Application.

Note: After entering this information, the installation process will add the necessary command line arguments (-transport-address and -transport-port) for connecting to Configuration Server during Application startup.

9. Click **Next**. The **Enhanced Orchestration Cluster Configuration** dialog box appears.

**Genesys Installation Wizard**

**Enhanced Orchestration Cluster Configuration**

Select the option below to use an Enhanced Orchestration Cluster configuration. Orchestration Cluster will be provisioned via dedicated Transaction List object and allow to configure most application options in one place

☒ **Use Enhanced Orchestration Cluster Configuration**  
This option allows user to define Enhanced Orchestration Cluster parameters

**Transaction List Object**

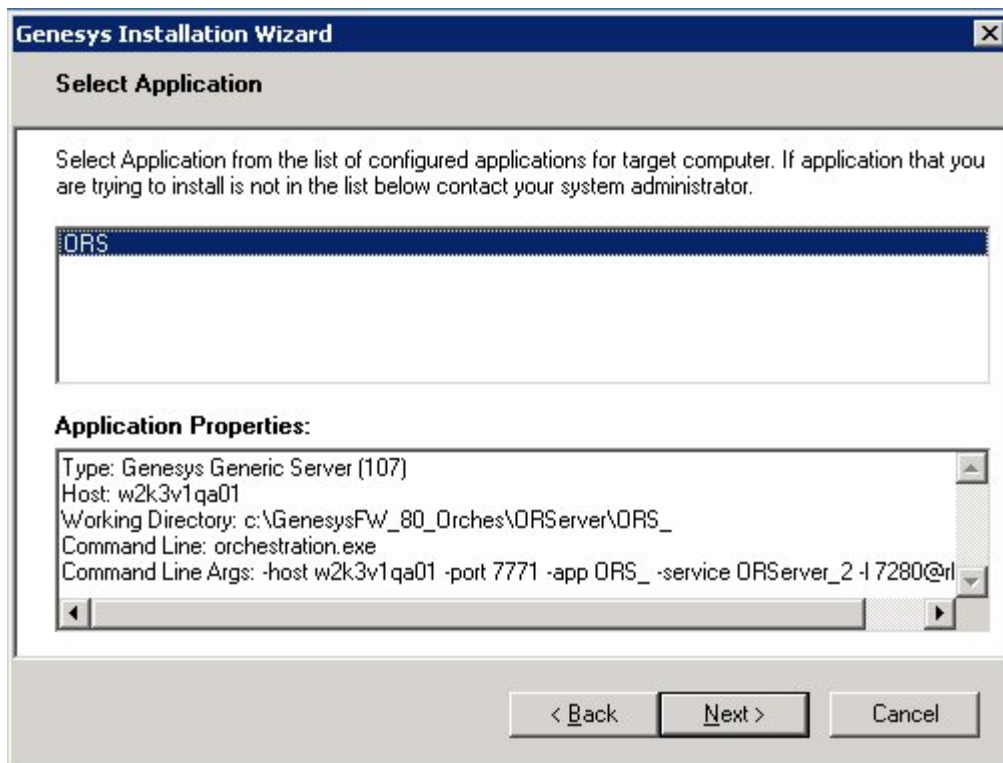
Specify name of the Transaction List object. **Name:**

< Back   Next >   Cancel

10. Specify the following parameters:

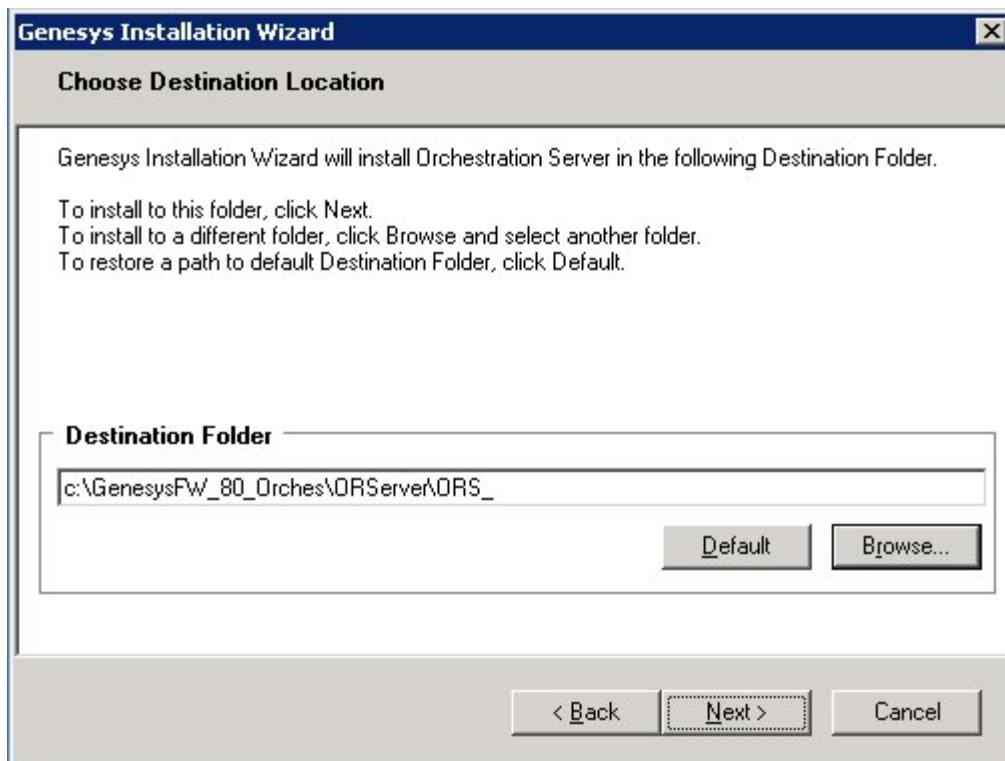
- Select the **Use Enhanced Orchestration Cluster Configuration** checkbox to allow users to define cluster configuration options at one place and reflect across nodes.
- Specify the name of the Transaction List object used to define the cluster configuration options.

11. Click **Next**. The **Select Application** dialog box appears. Example entries are shown below.



12. Select the Orchestration Server Application that you are installing. The **Application Properties** area shows the Type, Host, Working Directory, Command Line executable, and Command Line Arguments information previously entered in the **Server Info** and Start Info tabs of the selected Orchestration Server Application object.
13. Click **Next**. The **Choose Destination Location** dialog box appears.





14. Under **Destination Folder**, keep the default or browse for the installation location for Orchestration Server.
15. Click **Next**. The **Ready to Install** dialog box appears.
16. Click **Next**. The Genesys Installation Wizard indicates it is performing the requested operation for Orchestration Server. When through, the **Installation Complete** dialog box appears.
17. Click **Finish**.

## Installing on UNIX-Based Platforms

Before you start the installation, make sure all instances of Orchestration Server are already installed on your computer and shut down. If you do not do this, you will not be able to back up your files if you want to use the same installation directory for another version of those components. Linux compatibility packages should be always installed before installing Genesys IPs.

1. Go to the directory where the installation is created.
2. Copy all files to a temporary directory. **Note:** Files included in the installation package require permission to execute.
3. Run the installation script by typing `./install.sh`
4. When prompted, enter the host name of the computer where Orchestration Server will be installed or press the Enter key for the supplied entry.
5. When prompted, enter the following information about your Configuration Server:

- Configuration Server Host name
- Network port
- User name
- Password

Prompts appear regarding securing connections between Orchestration Server and Configuration Server.

### Client Side Port Configuration

Select the option below to use a Client Side Port. If you select this option, the application can use Client Side Port number for initial connection to Configuration Server.

Do you want to use Client Side Port option (y/n)

6. When prompted, type either Y for yes or N for no. The instructions below assume you typed Y.

7. Enter an IP address or press Enter for the supplied entry after the following prompt:

Client Side IP Address (optional), the following values can be used:

8. Choose the Orchestration Server Application to install after this prompt (which may list several Orchestration Servers):

Please choose which application to install:

1: ORS\_application

9. When prompted, type either Y for yes or N for no, to use the Enhanced Cluster Configuration feature.

Do you want to use Enhanced Orchestration Cluster Configuration?

This option will provision the Orchestration Cluster via dedicated Transaction List object. (y/n)?

10. If you had typed Y in the previous step, enter the name of the Transaction List object when prompted.

Please enter the name of Transaction List object

11. Enter the destination directory for the installation after this prompt:

Please enter full path of the destination directory for installation:

After you enter the destination directory, the installation continues. A message appears that starts with

Extracting tarfile: data.tar.gz to directory:

12. When this instruction appears:

There are two versions of this product available: 32-bit and 64-bit.

Enter 32 or 64 according to the Linux (Solaris) type that you use.

As soon as the installation process is finished, a message appears announcing that installation was successful. The process created a directory, with the name specified during the installation, containing Orchestration Server.