

Creating a Server Configuration

A *server configuration* defines:

1. The host to be used for uploading or downloading.
2. The *server configuration root*: the highest folder in the destination host hierarchy that can be accessed through the server configuration.
3. The URL address to access the server configuration root.
4. The protocol to transfer the data.
5. Correspondence between local folders, destination folders on the host, and URL addresses to access uploaded folders.

You can define as many configurations as necessary, thus enabling flexible switching between deployment setups.

To create a server configuration

1. Open the [Deployment](#) dialog box. Do one of the following:
 - [Open the project settings](#) and click **Deployment**.
 - Choose **Tools | Deployment | Configuration** on the main menu.
2. On the [Deployment](#) page, click the **Add** toolbar button **+**. In the [Add Server](#) dialog box that opens, specify the configuration name and the way to access the destination.
 - To bind your sources with the upload destination via an [association between a volume and a directory on another volume](#), choose **Mounted Folder**.
 - To copy the sources to the destination via the *File Transfer Protocol*, the *File Transfer Protocol over SSL*, or the *Safe File Transfer Protocol*, choose **FTP** or **SFTP** respectively.
3. Click **OK** to return to the **Connection** tab of the [Deployment](#) page, where the name of the created configuration and the selected access type are displayed in the corresponding fields. Change the settings, if necessary.

Click the **Use as Default** toolbar button  to have IntelliJ IDEA silently apply the current configuration in the following cases:

- [Automatic upload of changed files](#).
- [Manual upload of files](#) without choosing the target host.
- [Comparing local files and folders](#) with their remote versions.

4. Specify the [connection settings](#) depending on the chosen configuration type.
5. Specify the *server configuration root*, which is the highest folder accessible through the server configuration.
 - For **FTP**, **FTPS**, or **SFTP** configurations, specify the path to the root folder relative to the host in the **Root Path** text box.
 - For **Mounted Folder** configurations, specify the full path to the destination on the mounted folder.
6. In the **Web server root URL** text box, type the URL address to access the server configuration root. Click the **Open** button to make sure that the specified URL address is accessible and points at the correct Web page.
7. Specify bilateral or trilateral [mappings](#), depending on the chosen configuration type.