



# WAE Planning Software Installation

This section describes the steps to install WAE Planning software (Cisco WAE Design, Cisco WAE Collector, and Cisco WAE Live) and the WAE Network Interface on a single server.

- Refer to [Before You Begin](#) and the [System Requirements](#) document to obtain the list of packages required before installation.
- If you do not have Internet access, follow the steps described in [Offline Installation](#) before completing the steps documented in this section.

To install WAE Automation software, you must have another server, edit an installation template (2- or 5-server setup), and run the deploy.py installer. For information, see [Distributed Server Installation](#).

**Step 1** Log in to the server as a user with sudo privileges.

**Step 2** Go to the directory where you downloaded the software, extract the .zip file, and execute the installer as root using a bash command. The software package is the installer that automates the installation process.

```
sudo bash <package>.bin
```

Installer Options	Description
<code>sudo bash wae-k9-&lt;version&gt;.bin</code>	Be prompted through the installation process.
<code>sudo bash wae-k9-&lt;version&gt;.bin -d &lt;installation_directory&gt;</code>	Specify a different installation directory. You are prompted through the remainder of the installation process.
<code>sudo bash wae-k9-&lt;version&gt;.bin -h</code>	Shows a usage statement for the installer.
<code>sudo bash wae-k9-&lt;version&gt;.bin -y</code>	Automatically respond “yes” to all questions without being prompted.

The process verifies the integrity of the installation using checksums. If a checksum fails, error messages appear and the installation process ends.

Depending on what the installation process finds, it might prompt you throughout the process to continue or not.

**Step 3** When prompted, enter the following information.

Command Prompt	User Entry/Notes
Enter the installation directory	<p>By default, the installation directory is set to <code>/opt/cariden</code>.</p> <p>If this is an upgrade, we recommend that you maintain the same installation directory as in the previous release. If this is a new installation, the recommendation is to keep this default.</p> <p>If the directory you entered does not exist, you are prompted as to whether to create it. If you answer “yes,” an installation directory with root privileges is created.</p>
Enter the WAE username	<p>The default is "cariden" only if that username exists; its existing password remains intact. Otherwise, the default WAE username is "wae" and the password is "ciscowae." The WAE user is created automatically during installation.</p> <p>We recommend that you keep the default you receive.</p> <p><b>Note</b> If you have installed the WAE Live data store (mld), you cannot restart mld unless you start it with the same username used to install it.</p>
Migrate WAE Collector files from previous installation?	<p>This question applies only if you are upgrading and you are using a different installation directory than in the last release. For details, see <a href="#">Collector Server Upgrades</a>.</p>
Do you want to activate the WAE Network Interface?	<p>Activating the WAE Network Interface allows the software to perform continuous collection. You can start the WAE Network Interfaces services later by executing the following commands:</p> <pre>service wae-ni start /sbin/chkconfig wae-ni</pre>
Do you want to uninstall the packages?	<p>This question is only applicable if you have existing Automation software installed.</p>

**Step 4** Once the installation process stops, log out of the device or VM.

**Step 5** Log back in using the WAE username.



**Note**

If you chose to migrate the Collector server files during the installation process, verify those files have been copied before stopping the web server. (See [Collector Server Upgrades](#).) This is particularly important when installing or upgrading the WAE Live data store, which requires that you first stop the web server.

**Step 6** (Optional) If you are installing WAE Automation software, follow the steps described in [Distributed Server Installation](#).



**Note**

See [Table 5-1](#) for a list of services and software installed on each server.

**Table 5-1** *Installed Services and Software Packages*

<b>Service and Software Package</b>	<b>Planning Server</b>	<b>Automation / Distributed Servers</b>
Software packages	wae-dlc.rpm	wae-appenginecore.rpm
	wae-ni.rpm	wae-core.rpm
	wae-platsvcs.rpm	wae-db.rpm
	wae-svcs-client.rpm	wae-demo.rpm
	wae-svcs-server.rpm	wae-messaging.rpm
		wae-designapiserver
		wae-osc.rpm
		wae-svcs-client.rpm
Services	wae-web-server	wae-appenginecore
	wae-ni	wae-core
	wae-svcs-dashui	wae-db
	wae-svcs-db	wae-designapiserver
	wae-svcs-metricsbkr	wae-messaging
	wae-svcs-ui	wae-osc
	wae-svcs-logagent	wae-svcs-logagent
	wae-svcs-metricsd	wae-svcs-metricsd
	wae-svcs-mon	wae-svcs-mon

