



CHAPTER 6

WAE Planning Software Installation

This section describes the necessary 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.



Note

If you do not have Internet access, follow the steps described in the [Offline Installation](#) chapter before completing the steps documented in this chapter.

To install WAE Automation software, you must have a second server and run the `wae-automation-deploy.py` script. For more information, see the [WAE Automation Software Installation](#) chapter.

Step 1 Log in to the server as root or a user with administrative capabilities.

Step 2 Go to the directory where you downloaded the software, 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-<version>.bin</code>	Be prompted through the installation process.
<code>sudo bash wae-k9-<version>.bin -d <installation_directory></code>	Specify a different installation directory. You are prompted through the remainder of the installation process.
<code>sudo bash wae-k9-<version>.bin -h</code>	Shows a usage statement for the installer.
<code>sudo bash wae-k9-<version>.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>Note If you have installed the WAE Live datastore (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 is only applicable if you are upgrading and if you are using a different installation directory than in the last release. For details, see the Collector Server Upgrades chapter.</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>

Step 4 (Optional) If you are installing WAE Automation software, follow the steps described in the [WAE Automation Software Installation](#) chapter.



Note See [Table 6-1](#) for a list of services and software installed on each server.

Step 5 Once the installation process stops, log out of the device or VM.

Step 6 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 the [Collector Server Upgrades](#) chapter.) This is particularly important when installing or upgrading the WAE Live datastore, which requires that you first stop the web server.

Table 6-1 *Installed Services and Software Packages*

Service and Software Package	Planning	Automation
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-mld	wae-appenginecore
	wae-web-server	wae-core
	wae-ni	wae-db
	wae-svcs-dashui	wae-designapiserver
	wae-svcs-db	wae-messaging
	wae-svcs-metricsbkr	wae-osc
	wae-svcs-ui	wae-svcs-logagent
	wae-svcs-logagent	wae-svcs-metricsd
	wae-svcs-metricsd	wae-svcs-mon
	wae-svcs-mon	

