



Offline Installation

When installing WAE Planning software, the installer connects to the Internet and downloads missing packages. If the device or VM onto which you are installing cannot access the Internet, you must manually load these packages onto the device where you are installing the product.

Prerequisites

- You must have the packages needed by the WAE software. Refer to the [System Requirements](#) document to obtain the list of packages required before installation.
 - You must have Internet access from another device so that you can download the required packages to a memory stick. Then transfer these libraries to the devices or VMs on which you are installing the product. All instructions assume this has been done. Once the packages are transferred, follow the instructions in [WAE Planning Software Installation](#).
- Follow the pre-installation steps in [Before You Begin](#).

Offline Installation

Step 1 Create a /media directory.

```
mkdir /media
```

Step 2 Mount either the physical CentOS DVD or the .iso file.

- DVD:

```
mount /dev/cdrom /media
```

- .iso file:

```
mount -t iso9660 -o loop <iso_filename.iso> /media
```

Step 3 From the /media/Packages directory, enter the following **rpm -i** commands to install the following packages. (Repeat the command for each package.)

```
rpm -i libedit-<version>.x86_64.rpm
rpm -i openssh-clients-<version>.x86_64.rpm
rpm -i libxml2-python-<version>.x86_64.rpm
rpm -i deltarpm-<version>.x86_64.rpm
rpm -i python-<version>.x86_64.rpm
rpm -i python-deltarpm-<version>.x86_64.rpm
```

```
rpm -i createrepo-<version>.noarch.rpm
```

Example:

```
rpm -i libedit-2.11-4.20080712cvs.1.el6.x86_64.rpm
```

Step 4 Create a localrepo directory in the root directory.

```
cd /root
mkdir localrepo
```

Step 5 Copy all packages from /media/Packages to /localrepo.

```
cp /media/Packages/* /root/localrepo
```

Step 6 If you are configuring the WAE Automation packages, download the following CentOS libraries to /root/localrepo. Retrieve these from an EPEL mirror, as on <https://fedoraproject.org/wiki/EPEL>.



Note If you are using WAE Planning only and not WAE Automation, skip this step and ignore errors in the wae-platsvcs section of the installation.

- ansible<version>.noarch.rpm
- python-babel-<version>.noarch.rpm
- python-crypto<version>.x86_64.rpm
- python-httpplib<version>.noarch.rpm
- python-jinja<version>.noarch.rpm
- python-keyczar-<version>.noarch.rpm
- sshpass-<version>.x86_64.rpm

Step 7 Create a yum local repository.

```
createrepo /root/localrepo
```

Step 8 Change directories to the yum configuration directory.

```
cd /etc/yum.repos.d
```

Step 9 Create a configuration file to define the yum localrepo directory.

```
vi /etc/yum.repos.d/local-repo.repo
```

a. Add these lines:

```
[local-repo]
name=local-repo
baseurl=file:///root/localrepo/
enabled=1
gpgcheck=0
```

Step 10 Disable all *.repo files in the /etc/yum.repos.d directory except for the local-repo.repo file you created. This step forces the installer to use only /root/localrepo.

a. Open each *.repo file and change all instances of enabled=1 to **enabled=0**. To find a list of files you must edit, enter the following command:

```
grep enabled *
```

You might need to manually view and edit files, because the enabled=0 statements might be missing and must be added.

Example:

```
vi CentOS-Base.repo
```

- b. For every header, add or change `enabled=1` to **`enabled=0`**.

Step 11 Update the repository so that yum knows which repository directory and file to use.

```
yum clean all  
yum repolist
```

Step 12 Run the installer by following all instructions in [WAE Planning Software Installation](#). This process creates an `epel.repo` file `/etc/yum.repos.d` directory and sets `enabled=1`. This causes the installation to fail because it does not check `/root/localrepo` thereafter. When prompted whether to continue, choose **no** to stop the installation.

Step 13 Disable the `epel.repo` file from being used by the installer.

```
cd /etc/yum.repos.d  
vi epel.repo
```

- a. Search on `enabled=1` and change each such instance to **`enabled=0`**.

Step 14 Rerun the installation by following all instructions in [WAE Planning Software Installation](#).
