

# Applying Updates with the Precise CLI Utility

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## Applying updates using the Precise CLI utility

To apply an update, you need to load the update related zip file to the Main Precise FocalPoint. This step is performed only once for the `updates.zip`, and there is no need to load the `updates.zip` again as part of applying it to servers. Once the update is loaded, you can apply the update to one or more servers. Applying an update consists of 2 stages, which must be run one after the other for the same group of servers:

1. **Prepare.** Check the related servers' disk space and produce pre-update action items that must be completed before you continue to stage #2.
2. **Install.** Apply the updates to the servers.

## Loading the updates.zip file

To load the `updates.zip` file, perform the following steps.

1. Copy the `updates.zip` file to the Main Precise FocalPoint.
2. Run the following command from the `<precise_root>` folder on the Main Precise FocalPoint:

**Windows** `infra\bin\psin_cli.bat`  
`-i3-user <user_name>`  
`{-i3-encrypted-password <encrypted_password> | -i3-clear-password <clear_password>}`  
`-action i3-update-load`  
`-zip-file <update zip file path>`

**UNIX** `./infra/bin/psin_cli.sh`  
`-i3-user <user_name>`  
`{-i3-encrypted-password <encrypted_password> | -i3-clear-password <clear_password>}`  
`-action i3-update-load`  
`-zip-file <update zip file path>`

**Table 1** Elements of the Update.zip file

Element	Description
i3-user	See <a href="#">Authenticate to CLI Utility</a> .
i3-encrypted-password	See <a href="#">Authenticate to CLI Utility</a> .
action	Always i3-update-load.
zip-file	Path to the <code>updates.zip</code> file located on the Main Precise FocalPoint.

## Prepare and install the update

To install the update, perform the following steps:

1. Load the `updates.zip` file (see previous section).
2. Prepare the updates on a selected group of servers.
3. Install the update on the same selected group of servers as in step #2. To prepare/install updates
4. Run the following command from the `<precise_root>` folder of the Main Precise FocalPoint:

**Windows** `infra\bin\psin_cli.bat`  
`-i3-user <user_name>`  
`{-i3-encrypted-password <encrypted_password> | -i3-clear-password <clear_password>}`  
`-action {i3-update-prepare | i3-update-install} [-proxy-alias <node_alias>]`  
`{-servers "<servers>" | -all-servers true}`  
`[-installation-cd-path <Precise_v9.6_download_path>]`  
`-updates-ids "<updates_ids>"`

**UNIX** `./infra/bin/psin_cli.sh`  
`-i3-user <user_name>`  
`{-i3-encrypted-password <encrypted_password> | -i3-clear-password <clear_password>}`  
`-action {i3-update-prepare | i3-update-install} [-proxy-alias <node_alias>]`  
`{-servers "<servers>" | -all-servers true}`  
`[-installation-cd-path <Precise_v9.6_download_path>]`  
`-updates-ids "<updates_ids>"`

**Table 2** Elements of the Update.zip file

Element	Description
i3-user	See <a href="#">Authenticate to CLI Utility</a> .
i3-encrypted-password	See <a href="#">Authenticate to CLI Utility</a> .

action	<p>Either i3-update-prepare or i3-update-install.</p> <p><b>Mandatory:</b> Yes</p>
proxy-alias	<p>The alias of the servers' node.</p> <p><b>Mandatory:</b> No</p>
servers	<p>Comma separated list of servers to prepare/install.</p> <p><b>Mandatory:</b> Yes, if -all-servers is not specified</p>
all-servers	<p>Indicates that the update should be prepared/installed on all related servers.</p> <p><b>Values:</b> true, false</p> <p><b>Mandatory:</b> Yes, if -servers is not specified</p>
installation-cd-path	<p>The path of the installation media.</p> <p><b>Mandatory:</b> Only for upgrade Precise version related updates</p>
updates-ids	<p>Comma separated list of updated IDs to prepare/install.</p> <p><b>Mandatory:</b> Yes</p>