

Applying updates with the Precise CLI utility

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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 Authenticate to CLI Utility .
i3-encrypted-password	See Authenticate to CLI Utility .
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_vx.x_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_vx.x_download_path>]`
`-updates-ids "<updates_ids>"`

Table 2 Elements of the Update.zip file

Element	Description
i3-user	See Authenticate to CLI Utility .
i3-encrypted-password	See Authenticate to CLI Utility .

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