

# Handling Precise Agents

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## About handling Precise agents

The CLI provides the ability to stop/start/get status of installed Precise agents in a similar manner to AdminPoint->Agents dialog. There are 2 types of agents CLI

- Remote Agent Control: Allows all operations on all agents on all servers, except for starting Precise Listener or Precise FocalPoint agent. It should be executed in the main Precise FocalPoint.

 Usage of remote CLI is preferred since it requires less manual action items (enablement of the CLI on the server).

- Local Agent Control: Allows all operations on all agents on a specific server. It must be executed on the agent server.

## Remote Agent Control

To use Remote Agent Control CLI, run the following command 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 control-agent
[-proxy-alias <node_alias>]
-product <product_code>
-server <server_name>
-installation <installation_code>
-type <type>
[-instance-name <instance_name>]
```

UNIX

```
./infra/bin/psin_cli.sh
-i3-user <user_name>
{-i3-encrypted-password <encrypted_password> | -i3-clear-password <clear_password>}
-action control-agent
[-proxy-alias <node_alias>]
-product <product_code>
-server <server_name>
-installation <installation_code>
-type <type>
[-instance-name <instance_name>]
```

**Table 1** Elements if the Remote Agent Control

| Element               | Description                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| i3-user               | See Authenticate to CLI Utility on page 8.                                                                          |
| i3-encrypted-password | See Authenticate to CLI Utility on page 8.                                                                          |
| action                | <b>Values:</b> control-agent<br><b>Mandatory:</b> Yes                                                               |
| server                | The agent's server.<br><b>Values:</b> string<br><b>Mandatory:</b> Yes                                               |
| proxy-alias           | The proxy alias.<br><b>Values:</b> alias of the related node<br><b>Mandatory:</b> Only for a federated installation |

|               |                                                                                                                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| product       | <p>The agent's product code.</p> <p><b>Values:</b> See Product Codes on page 175.</p> <p><b>Mandatory:</b> Yes</p>                                                                                                                   |
| installation  | <p>The agent installation type code.</p> <p><b>Values:</b> See Installation Type Codes on page 175.</p> <p><b>Mandatory:</b> Yes</p>                                                                                                 |
| type          | <p>Operation to perform on the agent.</p> <p><b>Values:</b> One of STATUS STOP START</p> <p><b>Mandatory:</b></p>                                                                                                                    |
| instance-name | <p>The agent's instances name.</p> <p><b>Values:</b> string</p> <p><b>Mandatory:</b> Instance name argument should be supplied for agent which are per instance (instance column in AdminPoint&gt;Agent, contains instance name)</p> |

## Local Agent Control

To use local agent control

- Run the following command on the agent server:

**Windows** `infra\bin\psin_cli.bat`  
`-i3-user <user_name>`  
`{-i3-encrypted-password <encrypted_password> | -i3-clear-password <clear_password>}`  
`-action control-agent-local`  
`[-proxy-alias <node_alias>]`  
`-product <product_code>`  
`-installation <installation_code>`  
`-type <type>`  
`[-instance-name <instance_name>]`

**UNIX** `./infra/bin/psin_cli.sh`  
`-i3-user <user_name>`  
`{-i3-encrypted-password <encrypted_password> | -i3-clear-password <clear_password>}`  
`-action control-agent-local`  
`[-proxy-alias <node_alias>]`  
`-product <product_code>`  
`-installation <installation_code>`  
`-type <type>`  
`[-instance-name <instance_name>]`

**Table 2** Elements of the Local Agent Control

| Element               | Description                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| i3-user               | See Authenticate to CLI Utility on page 8.                                                                                         |
| i3-encrypted-password | See Authenticate to CLI Utility on page 8.                                                                                         |
| action                | <p><b>Values:</b> control-agent-local</p> <p><b>Mandatory:</b> Yes</p>                                                             |
| proxy-alias           | <p>The proxy alias.</p> <p><b>Values:</b> alias of the related node</p> <p><b>Mandatory:</b> Only for a federated installation</p> |
| product               | <p>The agent's product code.</p> <p><b>Values:</b> See Product Codes on page 175.</p> <p><b>Mandatory:</b> Yes</p>                 |

|               |                                                                                                                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| installation  | <p>The agent installation type code.</p> <p><b>Values:</b> See Installation Type Codes on page 175.</p> <p><b>Mandatory:</b> Yes</p>                                                                                                 |
| type          | <p>Operation to perform on the agent.</p> <p><b>Values:</b> One of: STATUS, STOP, START, IVP</p>                                                                                                                                     |
| instance-name | <p>The agent's instances name.</p> <p><b>Values:</b> string</p> <p><b>Mandatory:</b> Instance name argument should be supplied for agent which are per instance (instance column in AdminPoint&gt;Agent, contains instance name)</p> |