

Alerts Metrics

This section includes the following topic:

- [Managing Alerts with CLI](#)

Managing Alerts with CLI

You can manage Precise Alerts using CLI. To manage alerts metrics using CLI

1. Use the relevant parameters file. To select one, see Parameter Files on page 131.
2. Run the following command:

Windows

```
infra\bin\psin_cli.bat
-action alerts-settings
-i3-user <user_name>
{-i3-encrypted-password <encrypted_password> | -i3-clear-password <clear_password>}
-parametersfile <path_to_parameters_file>
```

UNIX

```
./infra/bin/psin_cli.sh
-action alerts-settings
-i3-user <user_name>
{-i3-encrypted-password <encrypted_password> | -i3-clear-password <clear_password>}
-parametersfile <path_to_parameters_file>
```

Parameter Files

The following are parameter files you can use to manage Alerts with CLI:

- Enabling/Disabling Alerts
- Setting Alerts Metrics Actions
- Clearing Alerts Actions

Enabling/Disabling Alerts

To enable/disable alerts metric use the following parameters file:

```
<parameter name="metric-settings-action" value="enable-disable" />
<parameter name="metric-set" value="Customized" />
<parameter name="target-instance-server-name" value="server1" />
<parameter name="target-instance-name" value="ORCL" />
<parameter name="target-instance-technology-code" value="OR" />
<parameter name="enable" value="true" />
```

Table 12-1 Elements for Enabling/Disabling Alerts

Element	Description
metric-settings-action	Always enable-disable Mandatory: Yes
metric-set	The metric name. Values: string Mandatory: Yes
target-instance-server-name	The related instance server name Values: String Mandatory: Yes, if filter-instances-by-technology or filter-instances-by-environment are not set.
target-instance-name	The related instance name Values: string Mandatory: Yes, if filter-instances-by-technology or filter-instances-by-environment are not set.
target-instance-technology-code	The related instance technology code Values: String. For more information, see Technology Codes on page 174. Mandatory: Yes, if filter-instances-by-technology or filter-instances-by-environment are not set.

enable	Values: true/false Mandatory: Yes
filter-instances-by-technology	Required technology or a comma separated list. Values: String Mandatory: Only if specific target parameters are not used.
filter-instances-by-environment	Required application or a comma separated list. Values: String Mandatory: Only if specific target parameters are not used.

Setting Alerts Metrics Actions

To set Alert Metrics Actions, use the following parameters file with some of the parameters described in Additional parameters on page 133.

```

<parameter name="metric-settings-action" value="configure-actions" />
<parameter name="metric-set" value="Customized" />
<parameter name="target-instance-server-name" value="server1" />
<parameter name="target-instance-name" value="ORCL" />
<parameter name="target-instance-technology-code" value="OR" />

```

Table 12-2 Elements for Setting Alerts Metrics Actions

Element	Description
metric-settings-action	Values: configure-actions Mandatory: Yes
metric-set	The metric name. Values: string Mandatory: Yes
target-instance-server-name	The related instance server name. Values: String Mandatory: Yes, if filter-instances-by-technology or filter-instances-by-environment are not set.
target-instance-name	The related instance name. Values: string Mandatory: Yes, if filter-instances-by-technology or filter-instances-by-environment are not set.
target-instance-technology-code	The related instance technology code Values: String. For more information, see Technology Codes on page 174. Mandatory: Yes, if filter-instances-by-technology or filter-instances-by-environment are not set.
filter-instances-by-technology	Required technology or a comma separated list. Values: String Mandatory: Only if specific target parameters are not used.
filter-instances-by-environment	Required environment or a comma separated list. Values: String Mandatory: Only if specific target parameters are not used.

Additional parameters

```

<parameter name="action-type" value="mail" />
<parameter name="action-email-address" value="adam.aaron@precise.com" />
<parameter name="action-alert-reoccurrence" value="1" />
<parameter name="action-alert-level" value="critical" />
<parameter name="action-email-content" value="Hello!" />
<parameter name="action-inform-mom-snmp-on-level-changing" value="true/false"/>
<parameter name="action-message-text" value="{text}"/>
<parameter name="action-program" value="{program path}"/>
<parameter name="action-program-server" value="alerts-focal/instance"/>
<parameter name="action-inform-mom-snmp-on-level-changing" value="true/false"/>

```

Table 12-3 Elements for Additional parameters

Element	Description
action-type	<p>Values:</p> <ul style="list-style-type: none"> mail message program snmp mom <p>Mandatory: Yes</p>
action-email-address	<p>Email address</p> <p>Values: string</p> <p>Mandatory: Yes, if action type is mail</p>
action-alert-reoccurrence	<p>Alerts recurrence level</p> <p>Values: Numeric</p> <p>Mandatory: Yes, if action type is mail</p>
action-alert-level	<p>Alert Level</p> <p>Values: one of critical or warning</p> <p>Mandatory: Yes, if action type is mail</p>
action-email-content	<p>Text of the email message</p> <p>Values: string</p> <p>Mandatory: Yes, if action type is mail</p>
action-inform-mom-snmp-on-level-changing	<p>Values: true/false</p> <p>Mandatory: Yes, if action type is mom/snmp</p>
action-message-text	<p>Values: string</p> <p>Mandatory: Yes, if action type is message</p>
action-program	<p>The program to run</p> <p>Values: string</p> <p>Mandatory: Yes, if action type is program</p>
action-program-server	<p>The server to run the program on</p> <p>Values: string</p> <p>Mandatory: Yes, if action type is program</p>
action-inform-mom-snmp-on-level-changing	<p>Values: true/false</p> <p>Mandatory: Yes, if action type is program</p>

Clearing Alerts Actions

To clear Alerts Actions, use the following parameters file:

```

<parameter name="metric-settings-action" value="remove-actions" />
<parameter name="metric-set" value="Customized" />
<parameter name="target-instance-server-name" value="server1" />
<parameter name="target-instance-name" value="ORCL" />
<parameter name="target-instance-technology-code" value="OR" />
<parameter name="action-types" value="MAIL" />

```

Table 12-4 Elements for Clearing Alerts Actions

Element	Description
metric-settings-action	Always remove-actions Mandatory: Yes
metric-set	The metric name. Values: string Mandatory: Yes
target-instance-server-name	The related instance server name Values: String Mandatory: Yes, if filter-instances-by-technology or filter-instances-by-environment are not set.
target-instance-name	The related instance name Values: string Mandatory: Yes, if filter-instances-by-technology or filter-instances-by-environment are not set.
target-instance-technology-code	The related instance technology code Values: String. For more information, see Technology Codes on page 174. Mandatory: Yes, if filter-instances-by-technology or filter-instances-by-environment are not set.
action-types	Values: <ul style="list-style-type: none"> • mail • message • program • snmp • mom Mandatory: Yes
filter-instances-by-technology	Required technology or a comma separated list. Values: String Mandatory: Only if specific target parameters are not used.
filter-instances-by-environment	Required application or a comma separated list. Values: String Mandatory: Only if specific target parameters are not used.