ENTERPRISEDB (EDB) POSTGRES (PGS) ADVANCED SERVER
SUPPLEMENTAL PROCEDURES

Version 2, Release 1

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Developed by EnterpriseDB and DISA for the DoD

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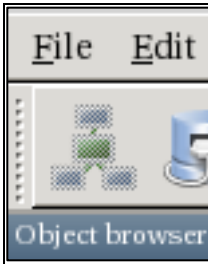
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1. TECHNOLOGY IMPLEMENTATION CONSIDERATIONS

1.1 PEM Thick Client Alert ShutdownDB Full Audit Log

- Open PEM Thick Client.
- Verify you are logged on to the PEM server. The PEM logon button should be grayed out and non-clickable:
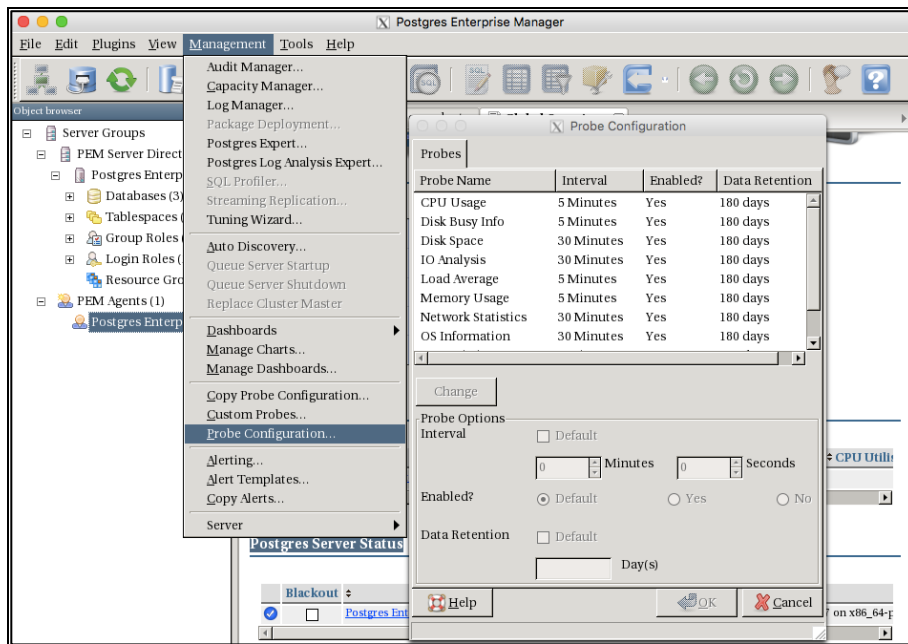

- In the "Global Overview" tab, verify that the DB wanting to alert against is being monitored. Should see it with a status of "UP":
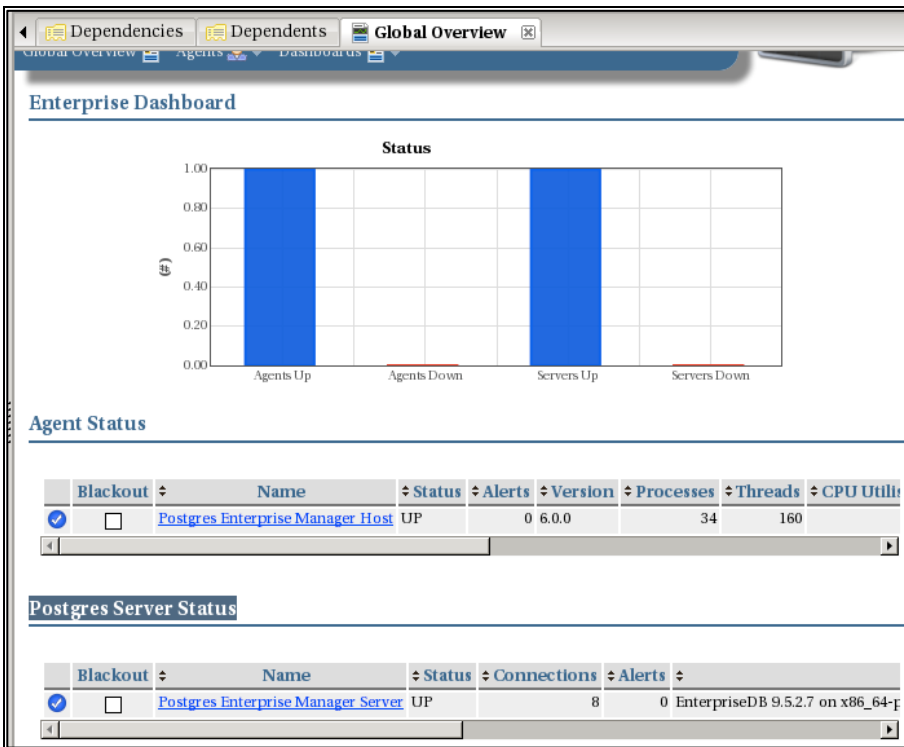
- Click on the agent in the tree on the left to highlight.
- Select Management >> Probe Configuration from the menu.

- This will open the following dialog:

- Select the "Disk Space" row in the Probe Configuration dialog.
- Uncheck "Default" and change the interval to the interval desired (10 seconds was picked for testing).
- Click the "Yes" button by "Enabled".
- Click the "Change" button and notice that it updates the values in the "Disk Space" row above.
- Click "OK" to dismiss the dialog.

PEM has been configured to probe for disk space alerts every 10 seconds; now an alert needs to be created for the probe.

- Select Management >> Alerting.
- Enter "Audit Log Full" in the Definition Name field.
- Select "Disk Consumption Percentage" from the Template dropdown.
- Set Comparison Operator to ">" (greater than).
- Set the Threshold alerts to 95, 96, and 97.
  - All thresholds have general alerts; the 96/97 will not really be used. The DB will shut down when the threshold hits 95%.
  - Additional alerts can be configured to warn against the shut down before this alert actually shuts down the server.
- Set the Mount Point to be the mount point where the audit log is stored.

IMPORTANT NOTE: This must be the actual mount point, not just any directory. For example, if the audit log is just in the data directory and the data directory is in a /var mount
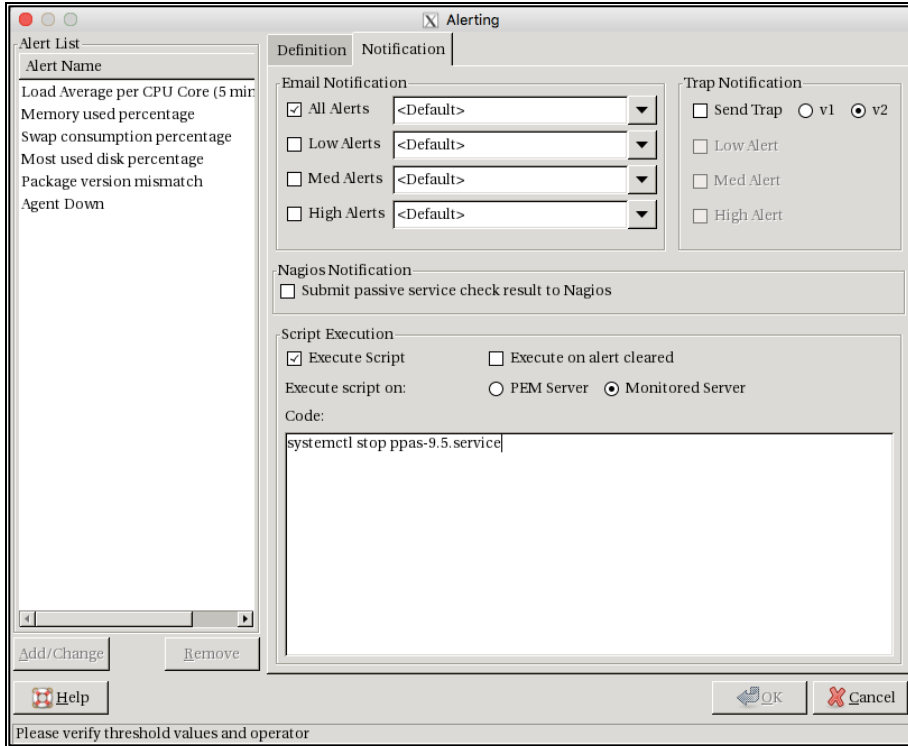
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point, then just use "/var" for the mount point, not the entire directory to the audit log. If a separate mount point has been created for the audit log, for example: /edb_audit, use the /edb_audit mount point. All mount points can be seen via the Linux command "df -k".

- Click the "Notification" tab.
- Select the checkbox by "Alert Alerts" for email notification (if desired).
- Select the "Execute Script" checkbox.
- Enter this for the script: "systemctl stop ppas-9.5.service"

- Click the "Add/Change" button on the left of the dialog and notice that the "Alert Log Full" alert name now shows up in the list on the left.

- Click the "OK" button to dismiss the dialog.

- Once the alert has fired, notice will appear in the alerts dashboard that the DB has been shut down: