Software Product Description.

PRODUCT NAME: Monitoring Performance History (MPH)

DESCRIPTION

Monitoring Performance History software (MPH) is distributed with the OpenVMS Version 7.0 Associated Products CD_Rom and is installed separately. This software should be installed after installing or upgrading the system to OpenVMS Version 7.0.

MPH is a tool that collects information (such as error logs, crash dump summaries, configuration, and performance data) from the system on which it is installed. This data is transmitted back to Digital and is used to set standard requirements for future releases of OpenVMS, such as MeanTime Between Crash (MTBCr) and MeanTime Between System Interruption (MTBSi). The disk size requirement for MPH installation is approximately 1200 blocks. MPH requires 300 blocks of disk space per node after installation.

MPH performs three main functions:

- Captures updates to the error log.
- Captures the crash dump profile after the system reboots (if the crash dump is enabled and present).
- Captures changes to the hardware configuration of a cluster/node.

All data is stored in the MPH copy area (MPH$COPY) and is transported to DPP on a weekly or daily basis.

MPH can use one of three transport mechanisms to copy data from the MPH$COPY area:

- DSNLink: MPH data is transferred via DSNLink to the CSC. The files are then copied from the CSC to the Digital processing site via Digitals internal network.
- Internet: MPH data is mailed via Internet directly to the Digital processing site.
- DECnet: Customer systems that are not running DSNLink or Internet must be connected via DECnet to another cluster which is running MPH and has DSNlink installed. The MPH data is copied to the other cluster and from there is copied to the CSC via DSNLink.

The MPH error log files are compressed before being transferred via the chosen transport mechanism.

For more information, please refer to the OpenVMS Version 7.0 Release Notes. External customers can request additional information on MPH by sending Internet mail to mph_admin@dppsys.enet.dec.com. (Digital internal sites should send mail to mph_admin@dppsys.ayo.dec.com). Using the keyword INFO anywhere in the subject header of your message will expedite the routing of your request.