
Rule DAS230: MAJOR CAUSE OF I/O DELAY WAS PEND TIME

Finding: CPEXpert has determined that excessive PEND time was a major cause of delay in DASD response for the device.

Impact: This finding may have a MEDIUM IMPACT or HIGH IMPACT on the performance of the device.

Logic flow: The following rules cause this rule to be invoked:
DAS200: Volume with the worst overall performance

Discussion: PEND time is the time from the issuance of the SSCH instruction until the device is selected by the control unit. This time is caused by queuing for the path (wait for channel, wait for control unit or wait for head-of-string), and can be caused by other systems sharing the device (wait for device).

CPEXpert computes the average per-second PEND delay time. Rule DAS230 is produced if the average PEND time accounted for a significant percent of the device response time.

Suggestion: Please refer to Rule DAS130 for suggestions on how to reduce PEND time.