ReleaseOrder ID: **DCSG00225802**
Headline: **Point Release: SAS3_FW_Phase16.0 - 16.00.12.00 Firmware IT/IR Release**
Release Version: **16.00.12.00**
UCM Project: **SAS3_FW**
Sub UCM Project: **SAS3_FW_Phase16.0**
UCM Stream: **SAS3_FW_Phase16.0_Rel**
Release Type: **Point**
State: **Released**
Release Baseline: **SAS3_FW_Phase16.0-2020-05-18-16.00.12.00_REL_1589871065@\SAS3**
Release Date: **2020-05-19 06:50:42.000000**
Date Generated: **Jun 08, 2020**

Defects Fixed (1):

ID: DCSG00139294
Headline: SATA only : Controller hang is observed due to recursive function call.
Description Of Change: Avoid starting of pended commands to SATA drive from completion functions of a command to avoid recursion.
Issue Description: Controller hang is observed with ATA pass through command followed by a pended command that fails.
At the completion of pass through command, PL starts the pended IOs if any.
If the pended IO is failed due to invalid CDB, then immediately completion function is called causing recursion.
This causes controller hang.
Steps To Reproduce: Install the FreeNAS and try to create ZFS pool(Storage -> Pools -> Add) of the direct attached SSDs.

- ATA command completes when there are IOs in pendlist.
- The pended IO has invalid CDB