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| Revision | **Report Date** | **ECO No.** | **Description** |
| REV | DATE | ECONUM | INITIAL VENDOR, PRODUCT |
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SFT

I/O Stress Test Report

**VENDOR**

**MDLLIST**

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# Introduction – I/O Stress Test

## Purpose

The purpose of the I/O Stress Test to run a heavy I/O load for a minimum of 72 hours without errors or dropping any drive out of a Vdisk. Also, monitor 6G SAS units for downshifts and low level phy error counts. Report Results.

## Scope

The data collected and analyzed in this report will show any interface errors and drive downshifts.

# Results Summary / Conclusion: PASS

Based on the results data in this report, the VENDOR MODEL passes Dot Hill Qualification test criteria within this report. Results in this report are also considered applicable to the depopulated models and other related models of this same drive family.

# Test Specifications/Requirements

Test Duration: 3 Days (72 hours)

Host system: Windows based Server

Storage system: RBOD Chassis

Quantity: minimum 12 drives, optimum is a full chassis

## TEST CASE: PERFORMANCE TEST

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| --- |
| 72HR I/O Stress |
| * Create two Raid0 Vdisks * Assign (1) Vdisk to controller A and (1) Vdisk to controller B * Connect the system to your host (windows based) * Clear event logs(crash, debug, and F1 MUI Menu) * Set Protection ‘OFF’ for both controllers (U,E,D,O) * Pull ‘Before’ Logs * Run I/O for 72 hrs * Pull ‘After’ Logs * Process logs through python automation script |