

- DM 4.6 STX Partner

Change	Note
Enable Debug Mode on the device only during Vth info gathering	
Fix of Secure erase failure with “incorrect password” in case drive is in security locked state	Security Set Password command shouldn’t be called
Do not allow IR generation from the system drive	
Do not allow an IR saving to the drive that is used for its generation	
Check free space before IR generation	

- DM 4.6 STX internal

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New command for first line FA: skhms-drive incident analyze	<p>Specifications shared with Seagate.</p> <p>Output sample:</p> <pre># skhms-drive incident analyze /home/test/testing/incident/555/incident_report_ID_2_CX12345_7_19_2016_time_19_21_11.ir</pre> <p>Drive Manager Version 4.6.0 Seagate 07/19/2016</p> <pre>+-----+-----+ Drive Statistics Value +-----+-----+ Crash Dump Count 0x2 Crash Dump 0 Assert Number 0x40006a00 </pre>

	Crash Dump 1 Assert Number 0x40001800 Ground Defect Count 0x5 Prog Erase Error Count 0x0 Read Error Count 0x0 +-----+-----+ Last Error Code: 0x2021800 (SATA Command Layer) Error Classification: 0x2 Customer Error Code: 0x2
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Change	Note
No change	

- DM 4.6.1 STX internal

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Fix error code shift	<p>Original document:</p> <table border="1"> <tr><td>1</td><td>Host Data Transfer</td></tr> <tr><td>2</td><td>SATA Command Layer</td></tr> <tr><td>3</td><td>Memory corruption</td></tr> <tr><td>4</td><td>Core intercommunication</td></tr> <tr><td>5</td><td>Power-on sequence</td></tr> <tr><td>6</td><td>Garbage Collection</td></tr> <tr><td>7</td><td>Read Error Handling</td></tr> <tr><td>8</td><td>Write Error Handling</td></tr> <tr><td>9</td><td>Metadata</td></tr> <tr><td>10..255</td><td>Reserved</td></tr> </table> <p>Seagate document:</p> <table border="1"> <tr><td>1</td><td>Host Data Transfer</td></tr> <tr><td>2</td><td>SATA Command Layer</td></tr> <tr><td>3</td><td>Memory corruption</td></tr> <tr><td>4</td><td>Power-on sequence</td></tr> <tr><td>5</td><td>Read Error Handling</td></tr> </table>	1	Host Data Transfer	2	SATA Command Layer	3	Memory corruption	4	Core intercommunication	5	Power-on sequence	6	Garbage Collection	7	Read Error Handling	8	Write Error Handling	9	Metadata	10..255	Reserved	1	Host Data Transfer	2	SATA Command Layer	3	Memory corruption	4	Power-on sequence	5	Read Error Handling
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