



## Result Summary

The Following table summarizes all results from the event pertinent to this IB device class.

Test Procedures	IWG Test Status	Result/Notes
<a href="#">10.1: Link Initialization</a>	Mandatory	PASS
<a href="#">10.2: Fabric Initialization</a>	Mandatory	PASS
<a href="#">10.5: SM Failover and Handover</a>	Mandatory	PASS
<a href="#">10.6: SRP</a>	Mandatory	PASS

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## Report Revision History

- v1.0 Initial working copy

## Configuration Files

Description	Attachment
Scientific Linux 6.2 Configuration File	
OFED 1.5.4.1 Configuration File	

## Result Key

The following table contains possible results and their meanings:

Result:	Description:
<b>PASS</b>	The Device Under Test (DUT) was observed to exhibit conformant behavior.
<b>PASS with Comments</b>	The DUT was observed to exhibit conformant behavior however an additional explanation of the situation is included.
<b>FAIL</b>	The DUT was observed to exhibit non-conformant behavior.
<b>Warning</b>	The DUT was observed to exhibit behavior that is not recommended.
<b>Informative</b>	Results are for informative purposes only and are not judged on a pass or fail basis.
<b>Refer to Comments</b>	From the observations, a valid pass or fail could not be determined. An additional explanation of the situation is included.
<b>Not Applicable</b>	The DUT does not support the technology required to perform this test.
<b>Not Available</b>	Due to testing station limitations or time limitations, the tests could not be performed.
<b>Borderline</b>	The observed values of the specific parameters are valid at one extreme and invalid at the other.
<b>Not Tested</b>	Not tested due to the time constraints of the test period.



# Mandatory Tests – IB Device Test Results:

## 10.1: Link Initialization

Results	
Part #1:	PASS
Discussion:	
All links established with the DUT were of the proper link speed and width.	

Link Partner	SFA10000	SFA12000
Intel 12200 (Switch) – QDR	PASS	PASS
Mellanox SX6025 (Switch) – FDR	PASS	PASS
Mellanox SX6036 (Switch) – FDR	PASS	PASS
Mellanox IS-5030 (Switch) – QDR	PASS	PASS
DataDirect Networks SFA12000 (SRP Target) – FDR	NA	NA
DataDirect Networks SFA10000 (SRP Target) – QDR	NA	NA
DataDirect Networks S2A9900 (SRP Target) – DDR	NA	NA
LSI Pikes Peak (SRP Target) – QDR	NA	NA
LSI XBB2 (SRP Target) – DDR	NA	NA
Mellanox BX5020 (Gateway) - QDR	PASS	PASS
Host: Themis	HCA: MHQH29C-XTR (QDR)	PASS
Host: Pan	HCA: MHQH19B-XTR (QDR)	PASS
Host: Hati	HCA: MCX353A-FCBT (FDR)	PASS
Host: Titan	HCA: MCX354A-FCBT (FDR)	PASS

## 10.2: Fabric Initialization

Subnet Manager				
OpenSM	IS-5030 SM	SX-6036 SM	12200 SM	WinOF SM
PASS	PASS	PASS	PASS	PASS
Result Discussion:				
All subnet managers used while testing with OFED 1.5.4.1 were able to correctly configure the selected topology.				

**10.5: SM Failover and Handover**

SM Pairings		Result
OpenSM OFED 1.5.4.1	OpenSM OFED 1.5.4.1	PASS
<b>Result Discussion:</b>		
OpenSM was able to properly handle SM priority and state rules.		

**10.6: SRP**

Subnet Manager				
OpenSM	IS-5030 SM	SX-6036 SM	12200 SM	WinOF SM
PASS	PASS	PASS	PASS	PASS
<b>Result Discussion:</b>				
SRP communications between all HCAs and all SRP targets succeeded while the above mentioned SMs were in control of the fabric.				