



OpenFabrics Alliance

Interoperability Logo Group (OFILG)

February Logo Report



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Date: March 28, 2018
 Report Revision: 1.0
 OFED Version: 4.8-2-rc3
 OS Version: Scientific Linux 7.4

Enclosed are the results from OFA Logo testing performed on the following devices under test (DUTs):

E-Series E5600

The test suite referenced in this report is available at the UNH-IOL website. Release 2.06-v3 (2017-12-6) was used.

<http://iol.unh.edu/ofatestplan>

The following table highlights the Mandatory test required for the OpenFabrics Interoperability Logo for the InfiniBand HCA device class per the Test Plan and the current OpenFabrics Interoperability Logo Program (OFILP).

Summary of all results follows on the second page of this report.

Test Procedures	IWG Test Status	Result/Notes
11.1: Link Initialization	Mandatory	PASS
11.2: Fabric Initialization	Mandatory	PASS
11.5: SM Failover and Handover	Mandatory	PASS
13.1: iSER	Beta	PASS

For Specific details regarding issues, please see the corresponding test result.

Testing Completed March 28, 2018 _____

Reviewed & Issued March 28, 2018

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Result Summary

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

Test Procedures	IWG Test Status	Result/Notes
11.1: Link Initialization	Mandatory	PASS
11.2: Fabric Initialization	Mandatory	PASS
11.5: SM Failover and Handover	Mandatory	PASS
13.1: iSER	Beta	PASS

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Report Revision History

- v1.0 Initial working copy

Configuration Files

Description	Attachment
Scientific Linux 7.4 Configuration File	
OFED 4.8-2-rc3 Configuration File	

Result Key

The following table contains possible results and their meanings:

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

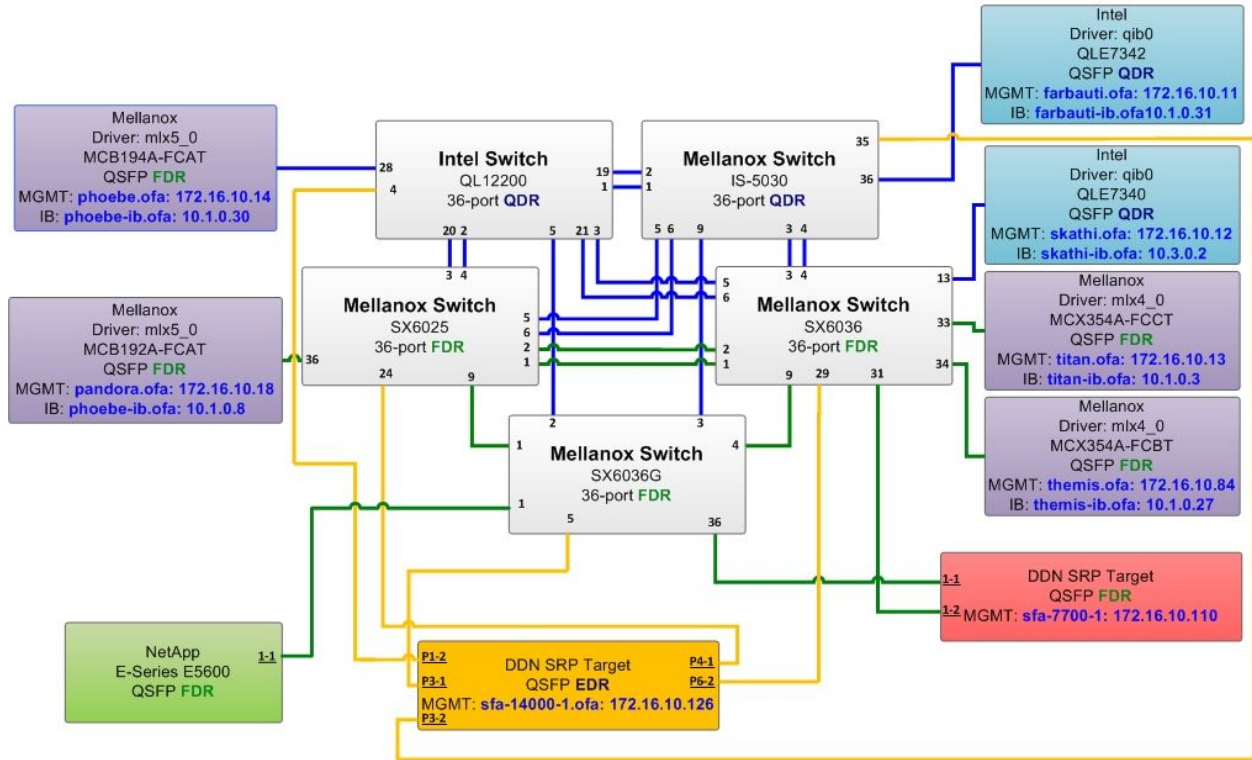
DUT and Test Setup Information

The IB fabric configuration utilized is shown below.

February 2018
 InfiniBand Topology

Ethernet Addressing
 <hostname>.ofa

IPoB Addressing
 <hostname>-ib.ofa



DUT #1 Details			
Manufacturer:	Netapp	Firmware Revision:	38.30.00.00
Model:	E-Series E5600	Hardware Revision:	1.0
Speed:	FDR	Located in Host:	N/A
Additional Comments / Notes:			

Mandatory Tests – IB Device Test Results:

11.1: Link Initialization

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

11.2: Fabric Initialization

Subnet Manager	Result
OpenSM	PASS
Result Discussion:	
All subnet managers used while testing with OFED 4.8 were able to correctly configure the selected topology.	

11.5: SM Failover and Handover

SM Pairings	Result
OpenSM	PASS
Result Discussion:	
OpenSM was able to properly handle SM priority and state rules.	

13.1: iSER

Subnet Manager	Result
OpenSM	PASS
Result Discussion:	
There were no iSER targets available for this event.	