OpenFabrics Alliance
Interoperability Logo Group (OFILG)
May 2011 Logo Event Report

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Report Revision:	1.0
OFED Version on Compute Nodes:	1.5.3.1
Operating System on Compute Nodes:	CentOS 5.5

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

NetApp XBB2 (7091)   *NetApp Pikes Peak (5468)*

The test suite referenced in this report is available at the IOL website. Release 1.36 (2011-Mar-01) was used.

http://www.iol.unh.edu/services/testing/ofa/testsuites/OFA-IWG_Interoperability_Test_Plan-v1.36.pdf

The Following Table highlights the Mandatory test results required for the OpenFabrics Interoperability Logo for the DUT per the Test Plan referenced above and the current OpenFabrics Interoperability Logo Program (OFILP)

Test Procedures	IWG Test Status	Result/Notes
10.1: Link Initialization	**Mandatory**	**PASS**
10.2: IB Fabric Initialization	**Mandatory**	**PASS**
10.5: SM Failover and Handover	**Mandatory**	**PASS**
10.6: SRP	**Mandatory**	**PASS**

Summary of all results follows on the second page of this report.
For Specific details regarding issues, please see the corresponding test result.

Testing Completed 13 June 2011

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Review Completed 05 July 2011

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Result Summary

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

Test Procedures	IWG Test Status	Result/Notes
10.1: Link Initialization	**Mandatory**	**PASS**
10.2: IB Fabric Initialization	**Mandatory**	**PASS**
10.5: SM Failover and Handover	**Mandatory**	**PASS**
10.6: SRP	**Mandatory**	**PASS**

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Report Revision History
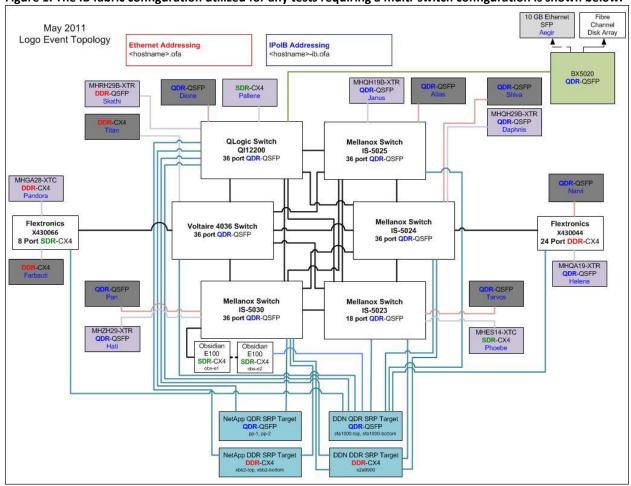
- v1.0 Initial working copy

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 explination of the situation is included.
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

Figure 1: The IB fabric configuration utilized for any tests requiring a multi-switch configuration is shown below.

DUT #1 Details			
Manufacturer:	NetApp	Firmware Revision:	07.62.52.00
Model:	XBB2	Hardware Revision:	2
Speed:	DDR	Located in Host:	NA
Firmware MD5sum:	c3f02935d54be6bef9cd6d931e29ca1f		
Additional Comments / Notes:			

DUT #2 Details			
Manufacturer:	NetApp	Firmware Revision:	07.80.04.00
Model:	Pikes Peak	Hardware Revision:	NA
Speed:	QDR	Located in Host:	NA
Firmware MD5sum:	1707fa98d91df8b098b3732506337f6b		
Additional Comments / Notes:			

Mandatory Tests – IB Device Test Results:

10.1: Link Initialization

Results	
Part #1:	**PASS**
Discussion:	
No issues seen	

Link Partner		XBB2	Pikes Peak
QLogic 12200 (Switch) – QDR		**PASS**	**PASS**
Flextronics X430066 (Switch) – SDR		**PASS**	**PASS**
Flextronics X430044 (Switch) – DDR		**PASS**	**PASS**
Mellanox IS-5030 (Switch) – QDR		**PASS**	**PASS**
Mellanox IS-5025 (Switch) – QDR		**PASS**	**PASS**
Mellanox IS-5024 (Switch) – QDR		**PASS**	**PASS**
Mellanox IS-5023 (Switch) – QDR		**PASS**	**PASS**
Obsidian Longbow E100-1 (Range Extender) – SDR		**PASS**	**PASS**
Obsidian Longbow E100-2 (Range Extender) – SDR		**NA**	**NA**
Mellanox BX5020 (Gateway) - QDR		**NA**	**NA**
NetApp XBB2 (SRP Target) – DDR		**NA**	**NA**
NetApp Pikes Peak (SRP Target) – QDR		**NA**	**NA**
DataDirect Networks S2A9900 (SRP Target) – DDR		**NA**	**NA**
DataDirect Networks SFA10000 (SRP Target) – QDR		**NA**	**NA**
Host: Skathi G2 PCI e	HCA: MHRH29B-XTR – DDR	**PASS**	**PASS**
Host: Phoebe	HCA: MHES14-XTC – SDR	**PASS**	**PASS**
Host: Pandora	HCA: MHGA28-XTC – DDR	**PASS**	**PASS**
Host: Daphnis G2 PCI e	HCA: MHQH29B-XTR – QDR	**PASS**	**PASS**
Host: Hati G2 PCI e	HCA: MHZH29-XTR – QDR	**PASS**	**PASS**
Host: Helene G2 PCI e	HCA: MHQA19-XTR – QDR	**PASS**	**PASS**
Host: Janus	HCA: MHQH19B-XTR - QDR	**PASS**	**PASS**

10.2: Fabric Initialization

Results	OpenSM	QLogic 12200 SM	Mellanox IS-5030 SM
Part #1:	**PASS**	**PASS**	**PASS**
Discussion:			
No issues seen			

10.5: SM Failover and Handover

Results	OpenSM	QLogic 12200 SM	Mellanox IS-5030 SM
Part #1:	**PASS**	**NA**	**NA**
Discussion:			
No issues seen			

10.6: SRP

Results	OpenSM	QLogic 12200 SM	Mellanox IS-5030 SM
Part #1:	**PASS**	**PASS**	**PASS**
Discussion:			
No issues seen			