



OpenFabrics Alliance

Interoperability Working Group (OFA-IWG)

December 2008 Logo Validation Event Report

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December 23, 2008
 Report Revision 1.01
 OFED Version 1.4

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

Chelsio Communications S310E-SR+ Adapter

The test suite used for the tests described in this report is *OFA-IWG Interoperability Test Plan Release 1.22* (August 29, 2008 DRAFT). It is available at the OFA website :

<http://www.iol.unh.edu/services/testing/ofa/testplan.pdf>

Test Procedure	IWG Test Status	Result/Notes
10.18: iWARP Connectivity	Mandatory	PASS
10.13-16: MPI	Beta	Informative
10.17: TI uDAPL	Beta	FAIL
10.22-23: TI Basic RDMA Interoperability	Beta	Not Tested
10.24-25: TI RDMA Operations over Interconnect Components	Beta	Not Tested

For specific details regarding issues please see the corresponding test result.

Testing Completed 1/22/2009

Review Completed 1/23/2009

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Report Revision History

v1.0 Initial Release

Table 1: 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, such as due to time limitations only a portion of the testing was performed.
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 specified parameters are valid at one extreme and invalid at the other.
Not Tested	Not tested due to the time constraints of the test period.

Table 2: DUT Information


DUT #1 Details			
Manufacturer	Chelsio Communications	Firmware Version	T 7.0.0 TP 1.1.0
Model	S310E-SR+	Hardware Version	4
Driver	1.0-ofed		
Additional Comments/Notes			


Test Setup:




Device Test Summary Results:

The following tables detail results for tests identified by the OFA-IWG for the OFA Interoperability Logo Program (OFILP) per the *OFA-IWG Interoperability Test Plan Release 1.22* (August 29, 2008 DRAFT).

Test Number and Name	Part(s)	Summary Note(s)	Result(s)
Groups 10.13-16: MPI			Informative
Discussion: Test Results			
We ran test groups 13 (MVAPICH1 and MVAPICH2), 14 (Intel), and 16 (Open MPI) but not test group 15 (HP). The tests did not run on the Chelsio-Chelsio cluster except for Intel MPI, nor did they run on the multi-vendor cluster.			
See traces: 			

Test Number and Name	Part(s)	Summary Note(s)	Result(s)
Group 17: TI uDAPL	Test #1.1-3.4	Failed to interoperate	Fail
Discussion: Test Results			
The tests failed to run on the Chelsio-Chelsio cluster and did not run in the multi-vendor environment when Intel was the server and Chelsio was the client but did run successfully when Chelsio was the server and Intel was the client.			
See trace: 			

Test Number and Name	Part(s)	Summary Note(s)	Result(s)
Group 18: iWARP Connectivity	Group #1-7	No issues were seen	Pass
Discussion: Test Results			
Full report found here: 			

Test Number and Name	Part(s)	Summary Note(s)	Result(s)
Group 22-23: TI Basic RDMA Interoperability	Test #1-10		Not Tested
Discussion: Test Results			
Not tested due to time constraints			

Test Number and Name	Part(s)	Summary Note(s)	Result(s)
Group 24-25: TI RDMA Operations over Interconnect Components	Test #1-10		Not Tested
Discussion: Test Results			
Not tested due to time constraints			