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IBM, Corp. hereby requests a license to display the OpenPOWER Ready mark for its 10Gb Ethernet NIC/RDMA EC2M/EC2N/EC37/EC38/EL3X/EL40. This document provides evidence that the criteria required by the OpenPOWER Foundation has been met.

Owner:	IBM, Corporation
Contact Name :	Rakesh Sharma, STSM
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Submission Date:	March 31, 2016
Product/Component Designator:	2P NIC RoCE 10Gb CX3-pro EC2M/EC2N/EC37/EC38/EL3X/EL40
Short Product/Component Description:	The Mellanox® ConnectX-3® Pro PCIe3 2-Port 10 GbE NIC RoCE SR/SFP+ adapter
Product/Component Information URL :	Note: IBM I/O Features are limited to support on specific systems covered in above links. https://www.ibm.com/support/knowledgecenter/HW4L4/p8hcd/fcec2m.htm https://www.ibm.com/support/knowledgecenter/HW4L4/p8hcd/fcec38.htm http://www-01.ibm.com/support/knowledgecenter/linoxonibm/liaam/liaamadaptersmetal.htm http://www-01.ibm.com/support/knowledgecenter/linoxonibm/liabo/liaboioadapters.htm Additional information: http://www.mellanox.com/page/products_dyn?product_family=162&mtag=connectx_3_pro_en_card
Tag String:	RDMA, HCA, RoCE, 10Gb NIC, Ethernet
OpenPOWER Ready Criteria Document version:	Revision 1.0
Product/Component Category (System, I/O, CAPI, OS, app)	I/O Adapter



Ready Checklist: Describe how the product satisfies the criteria.

Item	Description
Systems tested	IBM S822LC
OS	RHEL 7.1le, Ubuntu 14.04/15.04 and SLES 12
Test	Successfully completed Functional and System test covering PCIe compatibility, Adapters Functions and Stress Test using IBM HTX (HW Test Exerciser).
Performance	Tested using network performance tools (iperf) and performance tool from Mellanox OFED
Software tested	See OS drivers, Mellanox OFED and Mellanox Adapters Utilities (see URL)

Criteria: [OpenPOWER Ready Criteria Document](#)

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