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IBM, Corp. hereby requests a license to display the OpenPOWER Ready mark for its 40Gb Ethernet NIC/RDMA EC3A/EC3B. This document provides evidence that the criteria required by the OpenPOWER Foundation has been met.

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| Owner: | IBM, Corporation |
| Contact Name : | Rakesh Sharma, STSM |
| Contact E-mail Address | rakesh@us.ibm.com |
| Submission Date: | March 31, 2016 |
| Product/Component Designator: | 40 GbE NIC/RDMA EC3A/EC3B |
| Short Product/Component Description: | The Mellanox® ConnectX-3® PCIe3 2-Port 40 GbE NIC RoCE QSFP+ Adapter |
| Product/Component Information URL : | Note: IBM I/O Features are limited to support on specific systems covered in above links. http://www.ibm.com/support/knowledgecenter/HW4M4/p8hcd/fcec3a.htm https://www.ibm.com/support/knowledgecenter/HW4P4/p8hcd/fcec3b.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=127&mtag=connectx3en |
| Tag String: | RDMA, HCA, RoCE, 40Gb 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 7.2le and Ubuntu 14.04/15.10 |
| 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) |
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Criteria: [OpenPOWER Ready Criteria Document](#)

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