

Intel Opens Fibre Channel Over Ethernet Code

December 18 2007

Intel Corporation has released a software initiator package to drive the development of Fibre Channel over Ethernet (FCoE) solutions for the Linux operating system. FCoE is a proposed specification that will allow Fibre Channel SAN traffic to run over Ethernet. By consolidating LAN and SAN traffic onto a single fabric, FCoE will simplify network infrastructure in the datacenter.

The FCoE software package is now available for download at www.Open-FCoE.org and can be modified according to the terms of the GPLv2 license. As part of the package, Intel has included a target simulator, so Linux developers can test and modify the FCoE software stack. Open-FCoE.org is open to all FCoE developers for source code download, code contribution and feedback.

"Server virtualization, database growth and compliance requirements have created a greater need for network storage," said Pat Gelsinger, senior vice president and general manager of Intel's Digital Enterprise Group. "FCoE makes it easier and less expensive to connect servers to the SAN. We're taking a leadership role by releasing this stack and supporting industry standardization efforts. We expect the open source community to use this initiator stack to create reliable, standards-based FCoE solutions for their customers."

Cisco Systems submitted the initial FCoE proposal to the Fibre Channel standards body, T11, in April. As a member of the T11, Intel is committed to working with Cisco and other companies to drive industry

enablement of FCoE.

"Fiber Channel over Ethernet will be a key capability for our customers offering seamless server and storage access in the data center," said Jayshree Ullal, senior vice president of the Data Center, Switching and Services Group at Cisco Systems. "The emergence of 10 Gigabit Ethernet bandwidth combined with Cisco's proposed extensions to Ethernet, enables a lossless and resilient fabric for Data Center I/O consolidation. Cisco is pleased to see Intel taking a leadership role in FCoE."

The new FCoE initiator code is based on a specification being developed by the T11 in the FC-BB-5 work group. The FCoE specification is expected to be completed in 2008.

Source: Intel

Citation: Intel Opens Fibre Channel Over Ethernet Code (2007, December 18) retrieved 25 April 2024 from <https://phys.org/news/2007-12-intel-fibre-channel-ethernet-code.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
