



To: INCITS Technical Committee T11
From: Fred Knight, Network Appliance
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Date: 2 March, 2009
Subject: FC-BB5 Letter Ballot comment resolution

1) Revision history

Revision 0 (Mar 2, 2009)

2) Related documents

09-010v3.xls – FCoE Letter Ballot database
09-021v0 – Incorporating the V* architecture in FC-BB-5

3) Overview

This proposal addresses concerns in the following letter ballot comments:

Brocade-024
Qlogic-005
EMC-034
IBM-028
NetApp-26F
Solution Technology-048

Existing text is shown in **BLACK**, new text is shown in **GREEN**, deleted text is shown in **RED**, editors notes and authors comments are shown in **BLUE**.

Proposal:

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7.4 FCF functional model

Figure 30.A shows the functional model of a single port FCF. Figure 30 shows the functional model of a multi-port FCF, where the bracketed functional components are optional. An FCF is functionally composed of a Fibre Channel Switching Element (see FC-SW-4) with at least one Lossless Ethernet MAC (FCF-MAC). Each FCF-MAC shall be coupled with an FCoE Controller function. Each FCF-MAC may be coupled with a Lossless Ethernet bridging element. The Fibre Channel Switching Element may be coupled with a Fibre Channel Fabric interface, providing native E_Port and F_Port connectivity. An FCF forwards FCoE frames addressed to one of its FCF-MACs based on the D_ID of the encapsulated FC frames.

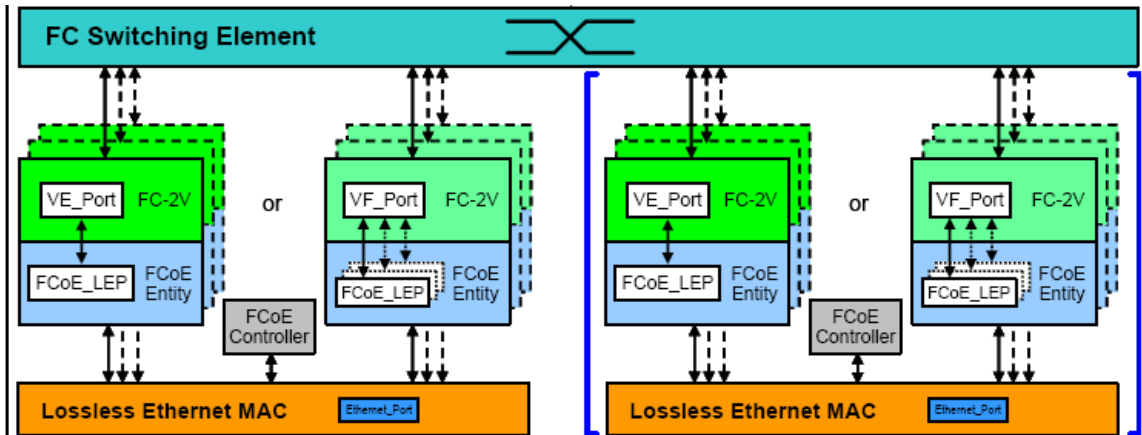


Figure 6.A - FC-BB_E Single Port VE_Port/VF_Port functional model

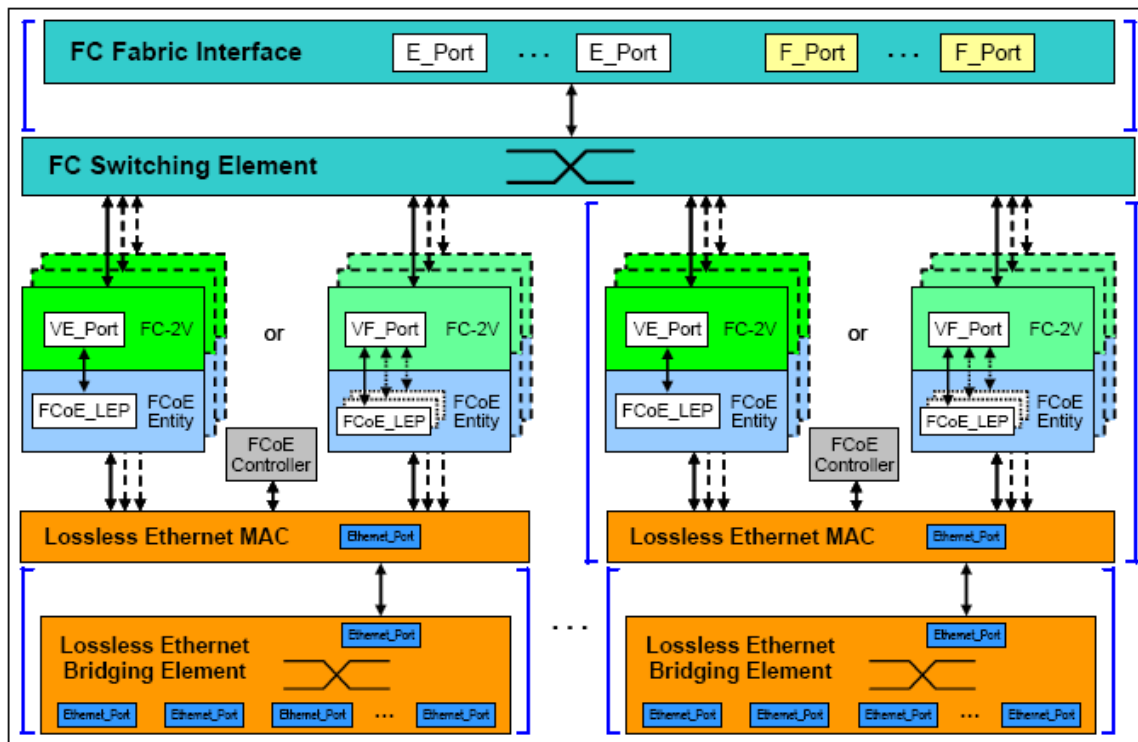


Figure 6 - FC-BB_E Multi-Port VE_Port/VF_Port functional model

NOTE 2 – Other combinations of Lossless Ethernet bridging elements and Lossless Ethernet MACs connections are allowed.

When an FCF includes Lossless Ethernet bridging elements, an FCF-MAC address may be used by multiple Ethernet ports of the FCF.

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