

FCoE Convergence

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Moving Forward with FCoE

- **In the spirit of making fast progress in the standardization of FCoE, for the good of the industry, we propose to:**

Remove the Timestamp field

Remove the Type field

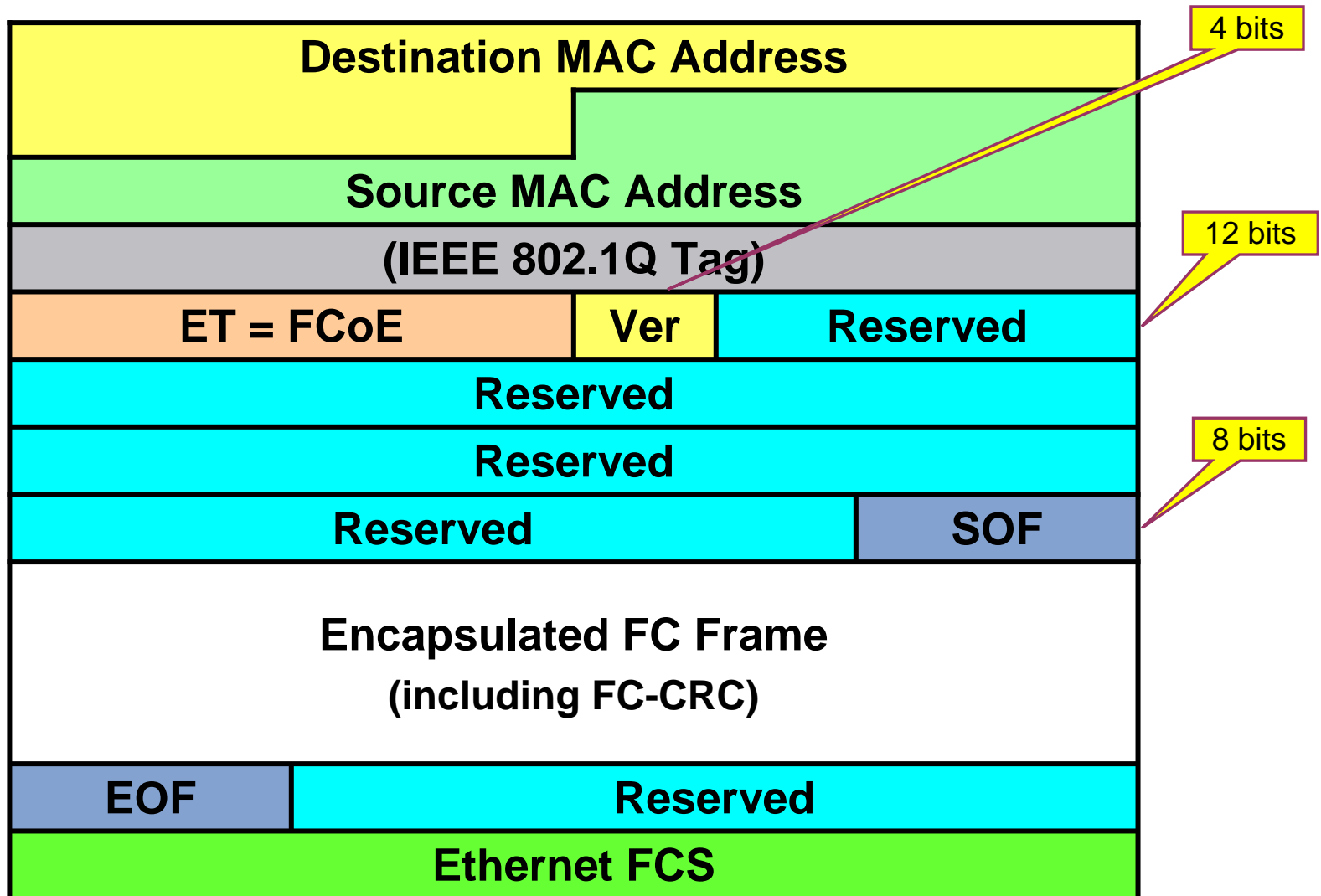
Remove the Length field

Deal with the Ethernet minimum frame size using a fixed length pad

Unused bits are reserved

Support MAC Addresses mapped from N_Port_IDs

Converged Frame Format



Fields Definition

- **A single 4-bit field (version) satisfies the IEEE sub-type requirements**
 - Set to zero in transmission, checked in reception**
 - Frames are discarded if the version field does not match**
- **SOF and EOF are encoded as specified in RFC 3643**
 - With Class 4 obsolete**
- **Reserved bits are:**
 - Set to zero when an FCoE frame is originated**
 - Ignored in reception**
 - Transferred unchanged by the network**

Mappings

- **Virtual Fabric to VLAN mapping:**
 - Mapping of Virtual Fabrics to VLANs is allowed**
 - The presence of the VFT_Header is optional**
 - As specified by FC-FS-2, FC-LS and FC-SW-4
- **Broadcast FC frames are mapped to multicast Ethernet frames**

Motion

- **To accept the frame format specified in this document as the FCoE frame format in FC-BB-5 and to make the FCoE standard development consistent with the design points stated in this document**