

Local Area Networks

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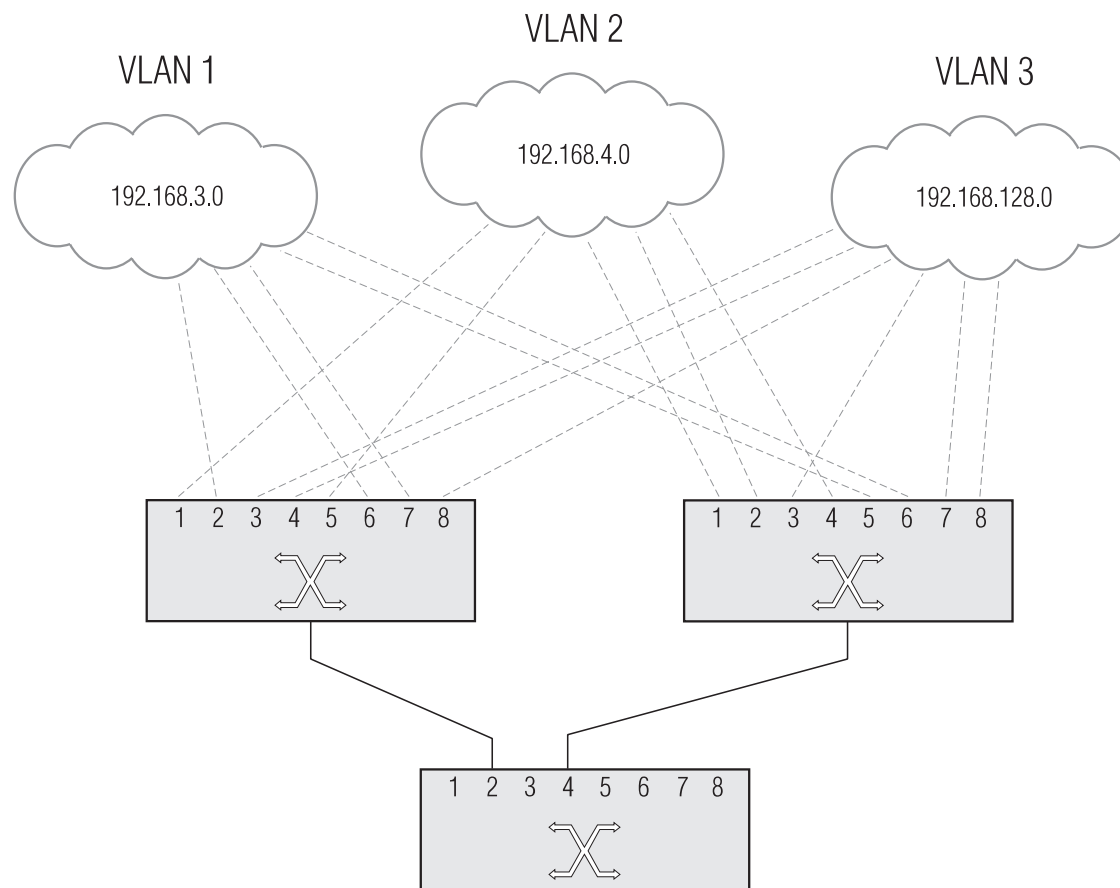
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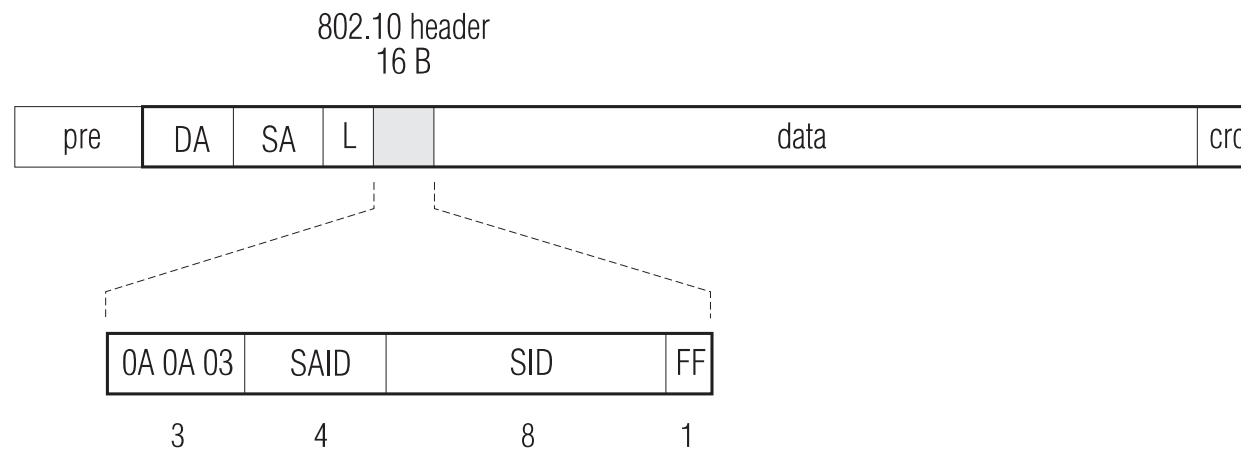
February 26, 2006



VLAN - Virtual LAN



VLAN - Virtual LAN



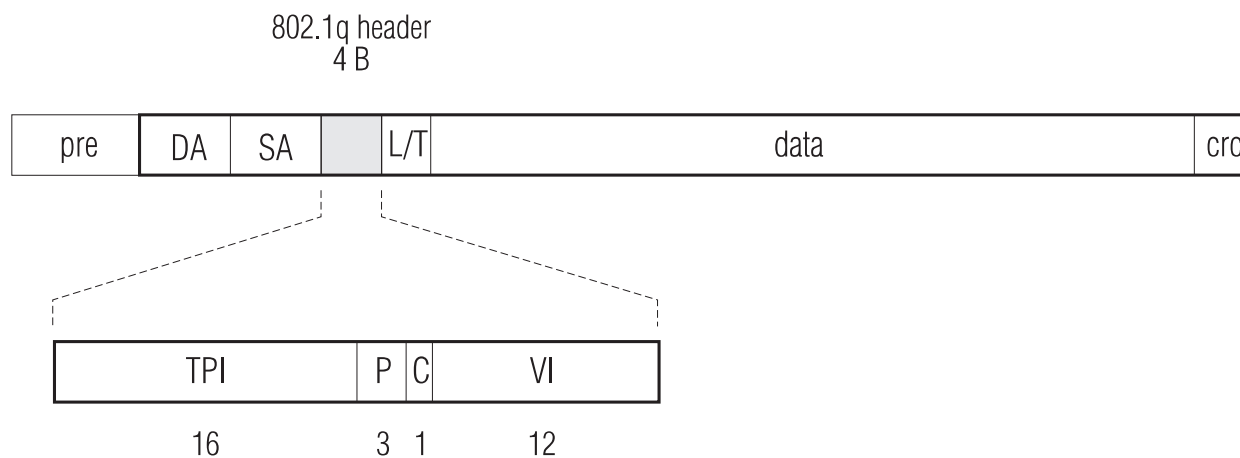
SAID Security Association ID

SID (Source) Station ID

FF Fragmentation Flag



VLAN - Virtual LAN



TPI Tag Protocol Identifier (8100) H

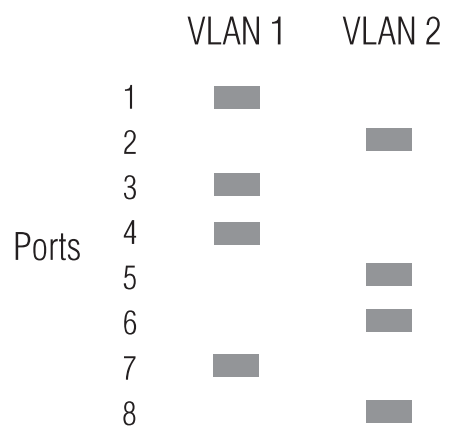
P Priority

C Canonical Format Indicator

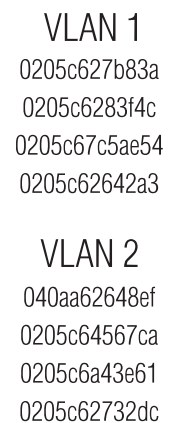
VI VLAN Identifier



VLAN - Virtual LAN



a)



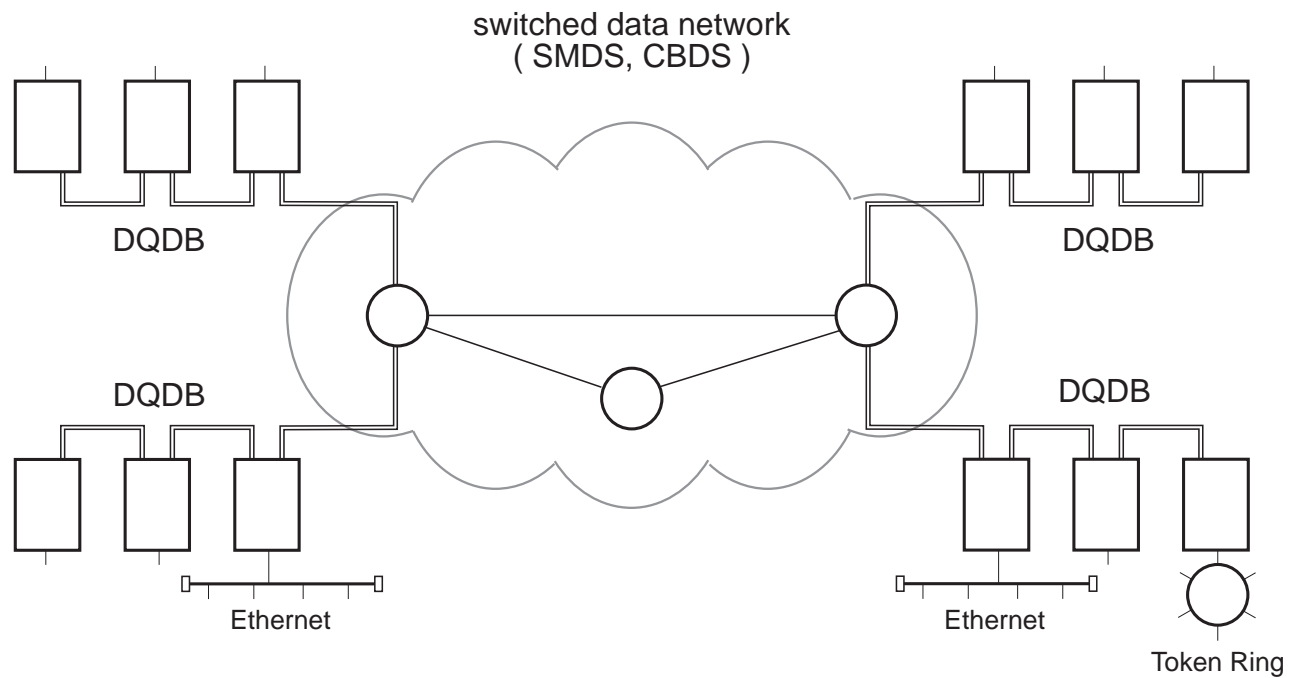
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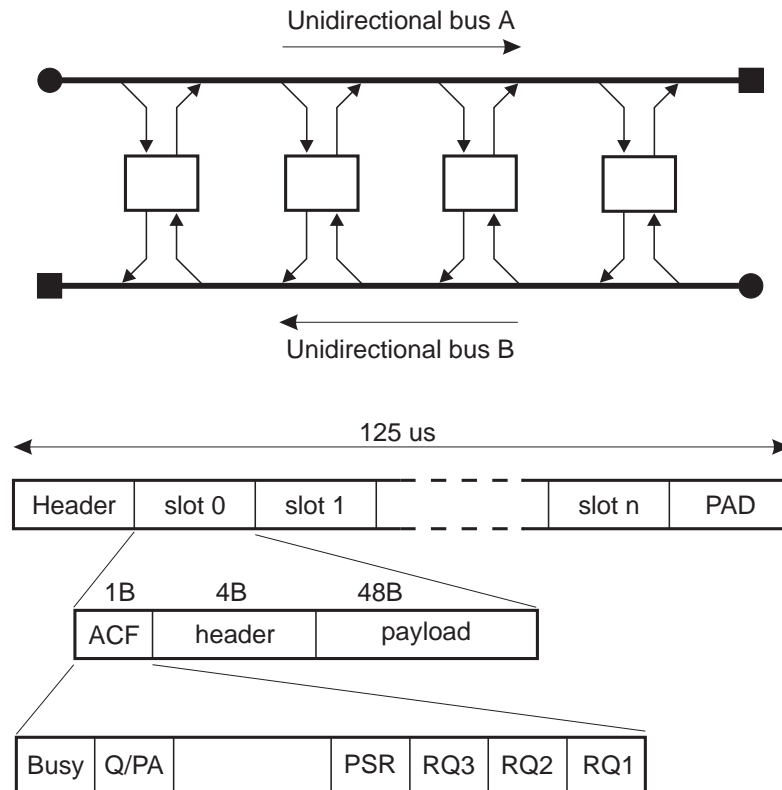
c)



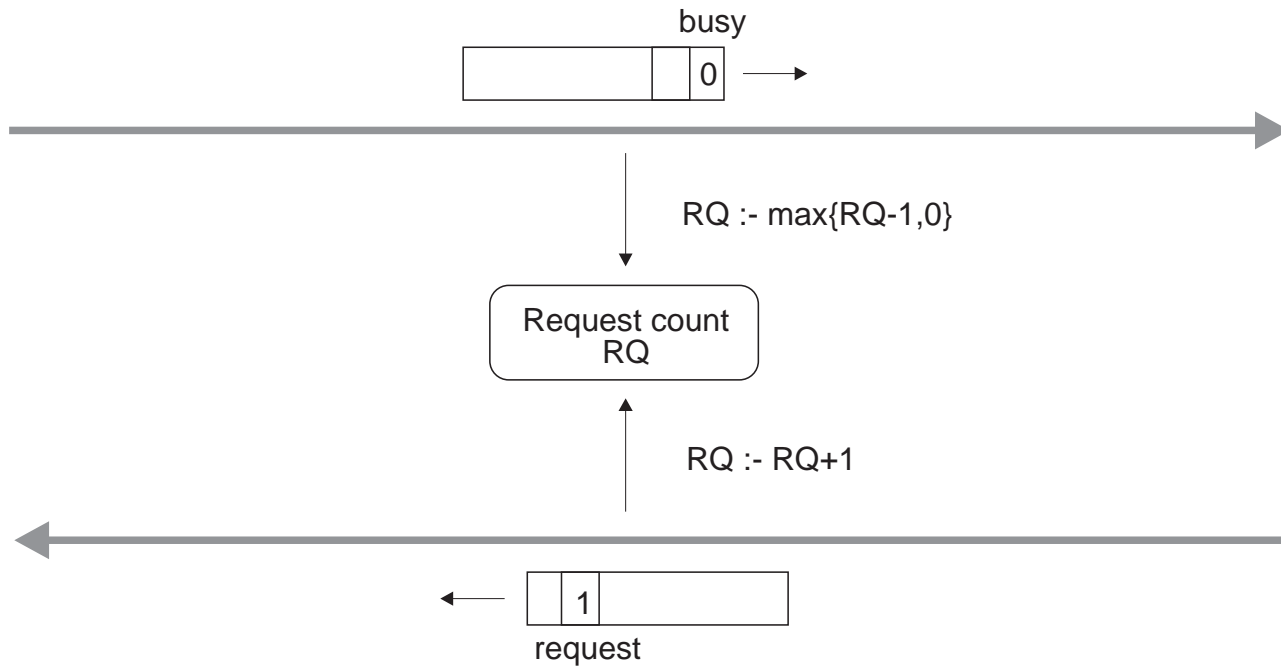
DQDB - Double Queue Double Bus



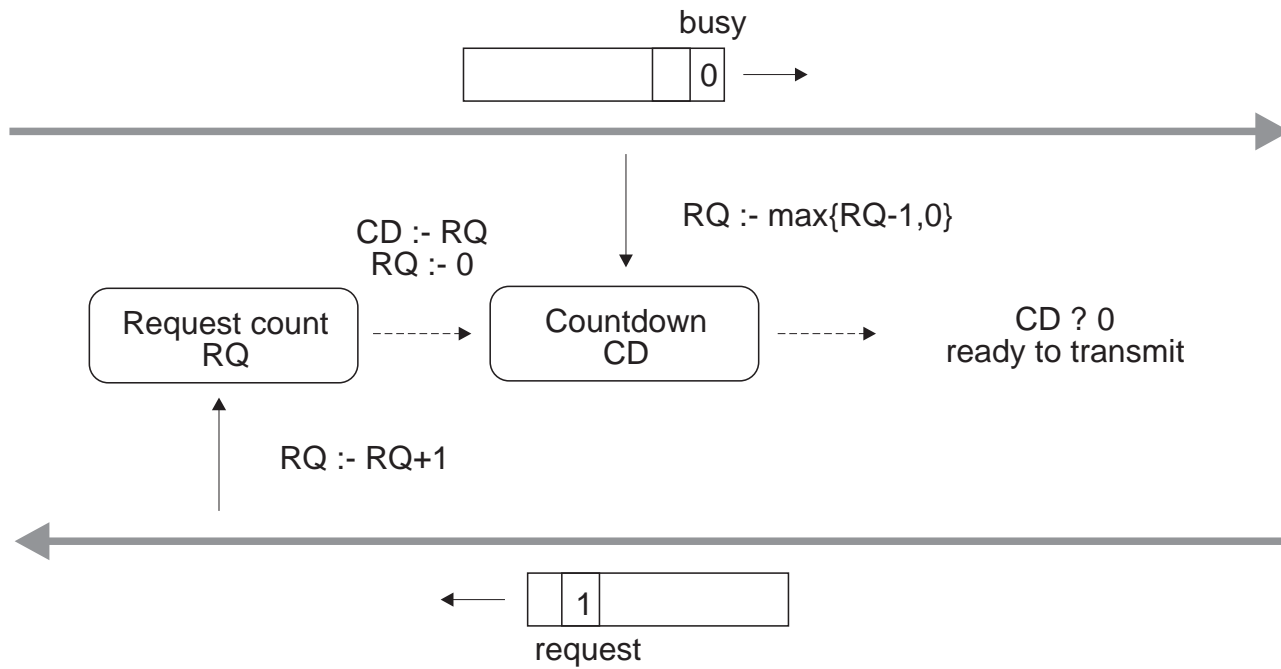
DQDB - Double Queue Double Bus

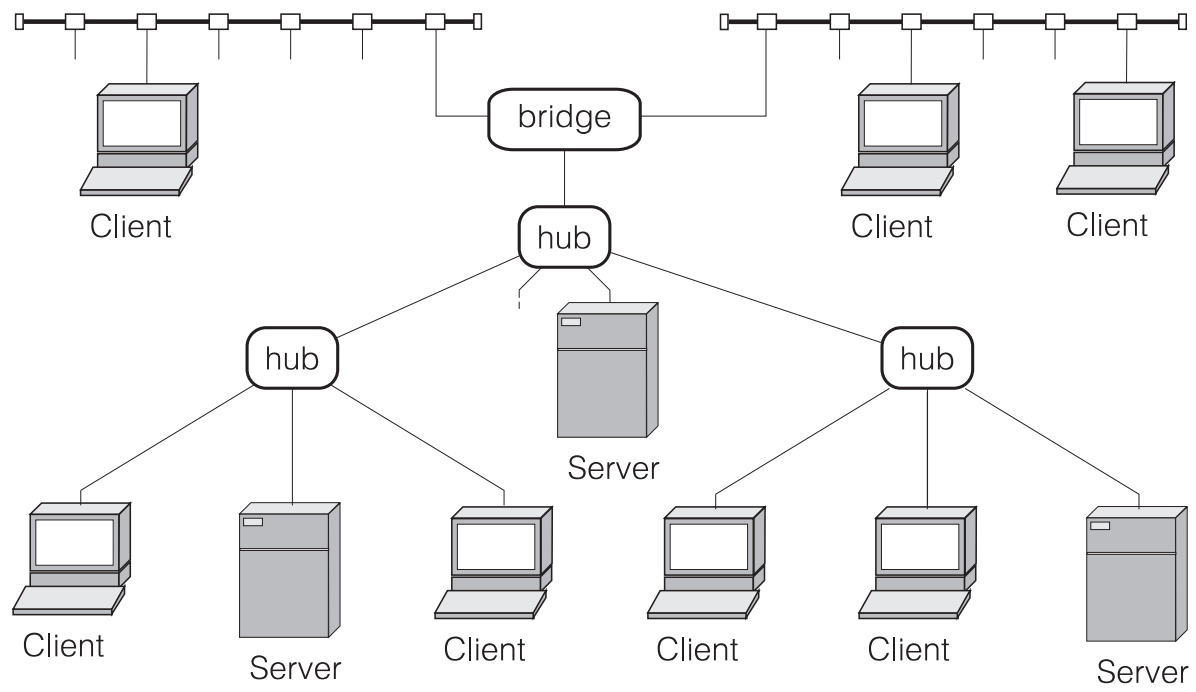


DQDB - Double Queue Double Bus



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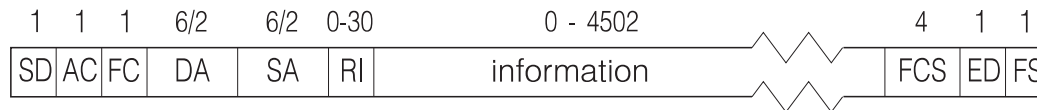


IEEE 802.3
Ethernet

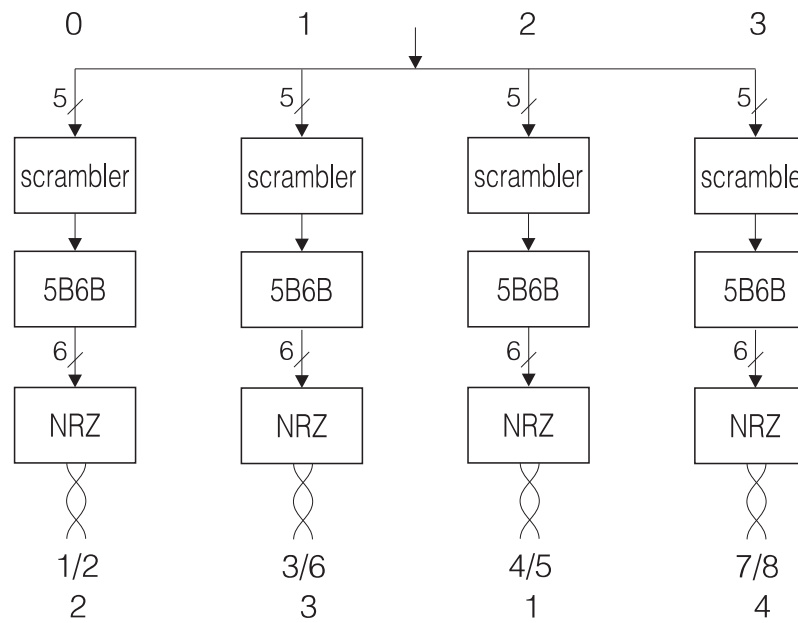


MAC

IEEE 802.5
Token Ring



channel

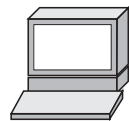
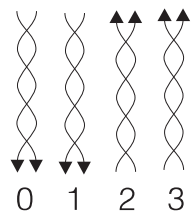


PMI
(medium independent)

PMD
(medium dependent)

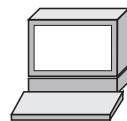
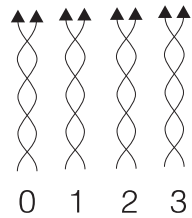
wires
pair





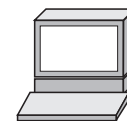
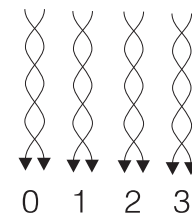
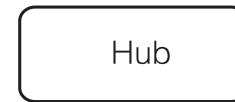
Station

signals



Station

sending
data



Station

receiving
data



