?? wiki ?? FCoE ???!!?????? ????:
http://en.wikipedia.org/wiki/FCoE

Many data centers use Ethernet for TCP/IP networks and Fibre Channel for storage area networks (SANs). With FCoE, Fibre Channel becomes another network protocol running on Ethernet, alongside traditional Internet Protocol (IP) traffic. FCoE operates directly above Ethernet in the network protocol stack, in contrast to iSCSI which runs on top of TCP and IP. As a consequence, it is not routable at the IP layer, and will not work across routed IP networks.

???????????????? Ethernet for TCP/IP ???(NAS),??????? Fiber Channel ? SAN ??,FCoE ???????????? Fiber Channel ????? Enternet ???(frames).

??? iSCSI ??? iSCSI ?? TCP / IP ???,FCoE ?????? Enternet ???(frames)???,??????? Routing ?.???? switch ?????? ?.??? fiber channel ??????? IP ????? (??? iSCSI ????? Fiber Channel ???,?? Dell EqualLogic ???? iSCSI ???).?? FCoE ?? Fiber Channel ??? Enternet ? frame ?,?? iSCSI ????????? TCP / IP ???.???????? IP routed ??????.

??? Fiber Channel ?? TCP/IP ???? FCIP(Fibre Channel over IP) ????
http://en.wikipedia.org/wiki/Fibre_Channel_over_IP

??? FC Switch ??????? SAN ?????,???????????? Fiber Storage(SAN),?????? Server ?????? FC HBA ???,?????????

SAN ?????? SAN Switch.??????????????????.

?? Fiber Channel ?????? 1G/2G/4G ,??? 10/100/1Gbit Ethernet ??,???? eherent ???????? 10G Ethernet – 10.3125 Gbits(??64B/66B??),?????????????????.? FCoE ???? 10Gbit ??????? switch ??? Fiber SAN ??????,?? ???????? Switch(Ethernet,Fiber) ????????????? Siwtch ??.???? Brocade ,??(Cisco),Emulex,???(Intel) ?? QLogic ??????????????? FCoE ???.

????????? iSCSI ,FCoE ??????????????????,?????? Intel,??????? Intel ??????? Ethernet ????.

FCoE SW Target
http://www.open-fcoe.org/openfc/wiki/index.php/FCoE_SW_Target_Quickstart

FCoE Initiator
http://www.open-fcoe.org/openfc/wiki/index.php/FCoE_Initiator_Quickstart

??????? CNA - converged network adapter ??.?????????? Enthernet + Fiber Channel ?????????.??????????!!

RHEL5.4 / RHEL6 ? SLES11 ???? FCoE ???.

EMC ? FCoE ???

http://www.youtube.com/watch?v=EZWaOda8mVY