

Nexus5K 3 Day FCOE

Knowledge transfer for defined success.



Firefly Mentored Services focus on the two most important engineering areas of change: deployment and migration. Each deployment is a focused, hands-on personal coaching session that takes the product from the box to implementation and everything in between. Along the way, your customer will be formally educated, mentored and share in our successful deployment. Best of all, all of the stuff you already know, you are free to do yourself!

Firefly Mentored Migration is a complete solution lifecycle where we not only assist the end-user to install the product, but we show them best way to migrate from existing technology to the new stuff. Your customer and team is coached by our field-tested engineers first-hand how the product delivers everything that was promised in the sales cycle and becomes not only an advocate of your product, but an educated user.

Our mentored services de-risk your deal by providing the ultimate client satisfaction. Our experience in providing this service allows us to get you a quote in a matter of minutes, instead of weeks, to effectively customize your coaching into the specific knowledge gaps.

From start to finish, our mentored services provide a proof-of-concept validation that ensures that your product is being utilized to its full potential. You gain a satisfied customer with lifetime skill sets while realizing an accelerated ROI by enhancing your sustainable vertical growth. If we ride together, we can take the high speed lane!

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ATLANTA
LONDON
SINGAPORE

Nexus5K FCOE

3 Day with Training

Scope of professional services:

For all professional services, Firefly will perform the listed activity or instruct customer on performance of task based on customer's wishes. Firefly will commit to completion of activities in scope of work.

Additional tasks will be performed if requested in any additional remaining time in engagement.

- Physical cabling of up to two (2) Nexus 5K chassis to up to two (2) FEX 2232 chassis each, if necessary, plus uplinks to switching domains to maximum of 2 Aggregation switches, and 2 SAN switches, plus inter 5K chassis links for VPC peer link and Keepalives. Cabling for 2 dual attached servers.
- Initial configuration of up to two (2) Nexus 5K chassis, to include management IP addressing, DNS services, NTP configuration, and chassis and uplink port configuration to Ethernet Aggregation and SAN A - SAN B.
- Installation and verification of FC Port capable daughtercards ordered by customer.
- Upgrade all components to latest firmware/software versions and FC Services License.
- Creation of up to four (4) independent FEX instances and verification of operation.
- Creation of port-channels from FEX to Nexus 5K where FEX used.
- Creation of up to one VPC domain on Nexus 5K pair, testing and verification of Peer Link and Keepalive.
- Verification of uplink connectivity from Nexus 5K's to aggregation switches and SAN switches.
- Creation of up to four (4) user accounts.
- Creation of up to two (2) dual attached servers with links across 2 FEX with VPC membership for active/ active port-channelling Storage MPIO and NIC teaming.
- Verification of Fabric Build on E links where switching mode used or NPV fabric login where NPV mode used. Note Switch mode requires direct attached storage or Cisco MDS SAN switches on uplinks
- Creation of up to two (2) SAN Domains when switching mode used.
- Creation of up to four (4) Virtual Fibre Channel interfaces, FCOE VLANs and VSANs for FCOE to FC traffic for the two (2) servers.
- Verification of Fabric Login for servers using CAN for either Switches or NVP mode 5k's.
- Verification of correct operation of DCBX for implementation of PFC, MTU and Bandwidth policies for the FCOE traffic.
- Verify servers can access FC LUNs through FCOE.
- Verification or implementing of Zoning for the two (2) servers to Storage LUNs where switch mode used.
- Demonstrate Failover of NIC teaming by failing FEX and server downlinks from FEX.
- Demonstrate Failover of MPIO by FEX and server downlinks from FEX.