

FlexPod and You Navigating to and thru the core of the Modern DataCenter

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FlexPod[®]

Neurology of a FlexPod - Application Domination

Part I - Applying and Unlocking the power of FlexPod

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Course Modules

This course focuses on enabling you to do the following:

Module 7:

- Understanding the application requirements.
- ➤ Tuning the environment based on application demand.
- ➤ Focusing on Mission critical applications such as SAP, Oracle and EPIC.



■ NetApp



Empowering the Most Demanding Workloads























Scale Up & Out



Cloud Connected

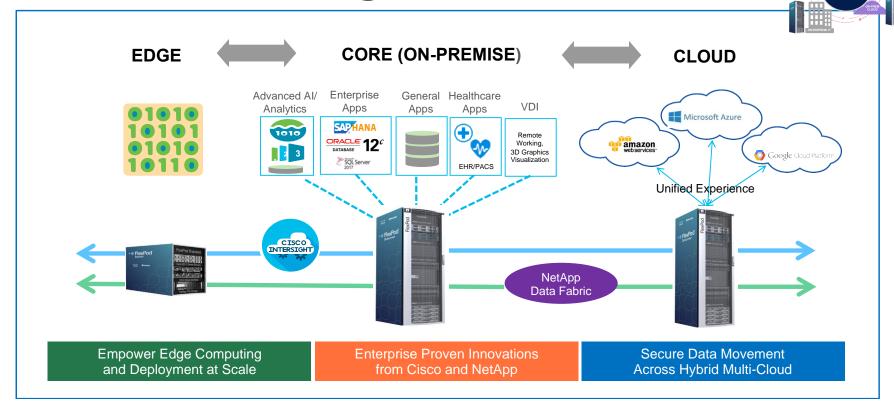


Time-to-Value



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FlexPod for Edge-Core-Cloud





Data Fabric

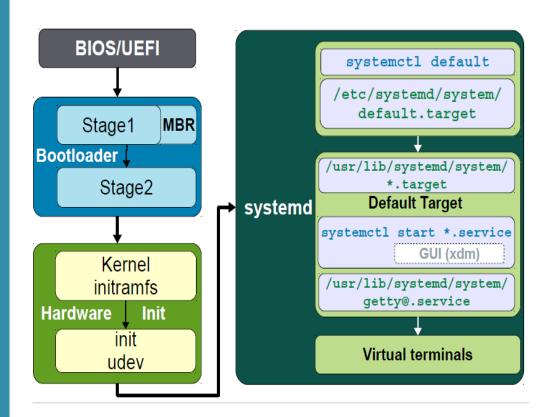
Linux Server Boot Options

Linux Boot Process

Systemd – Starts services and mounts file systems, handles the actual booting of the system.

Virtual Terminals – You can have up to six virtual terminals (F1-F6) running on the system. F7 represents the Graphical User Interface (GUI).

Switch between individual terminals by pressing **Ctrl+Alt+FX**. Determine the terminal currently used from the ttyX number displayed at the login prompt of the terminal.

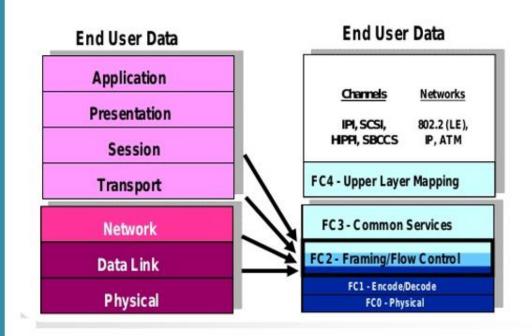




Methodology \delta bolopoqia Wethodology

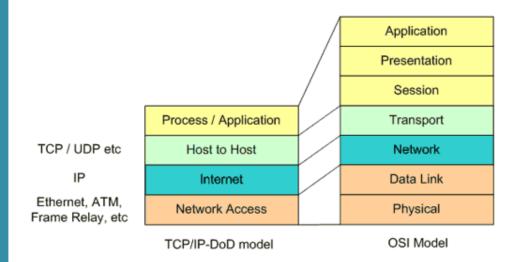


OSI to FC Stack



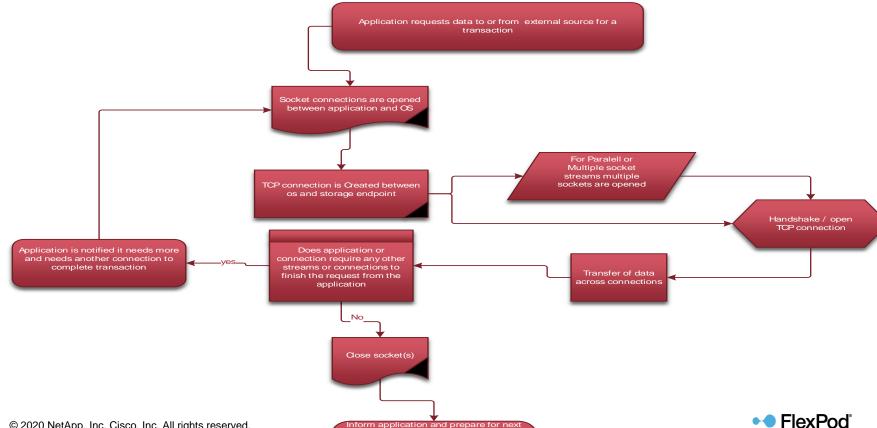


DoD to OSI model

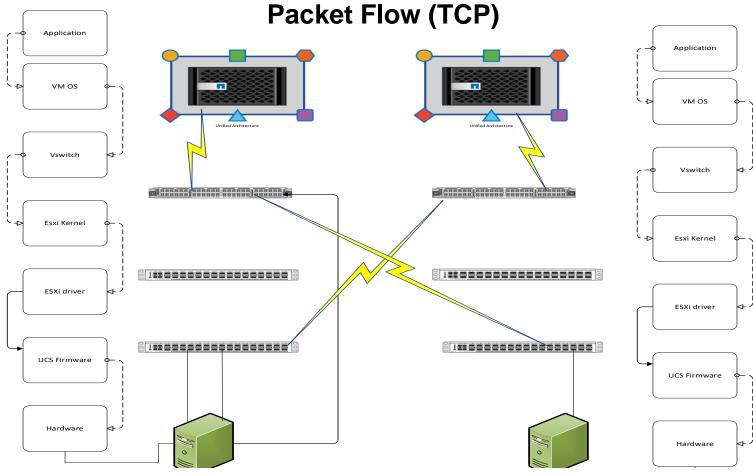




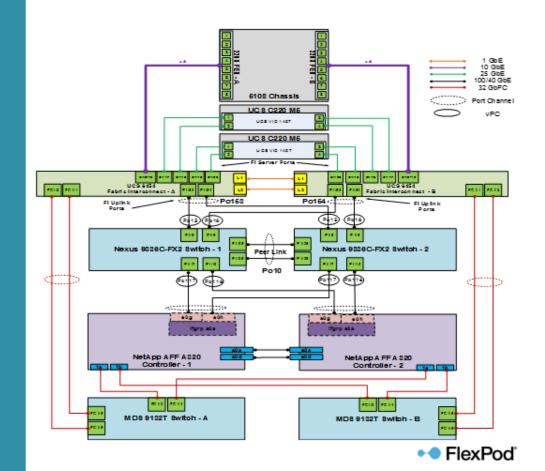
Application Flow (TCP)



transaction



FlexPod FC Connectivity



References

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- TR-4293 FlexPod Express Technical Specifications
 - https://www.netapp.com/pdf.html?item=/media/12425-tr4293pdf.pdf
- Cisco UCS Virtual Interface Adapters
 - Cisco UCS VIC Datasheets
 - UCS VIC Tuning Guide
 - Optimal Adapter settings whitepaper with 93180fx and VIC1400-series
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Oracle Tuning docs

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How to begin network debugging

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https://www.sap.com/documents/2016/08/1cd2c2fb-807c-0010-82c7-eda71af511fa.html <-- SAP HANA Network Requirements

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|---------|---|
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| 1944799 | SAP HANA Guidelines for SLES Operating System |
| 2009879 | SAP HANA Guidelines for Red Hat Enterprise Linux (RHEL) |





Thank You