Solution overview

FlexPod

NetApp
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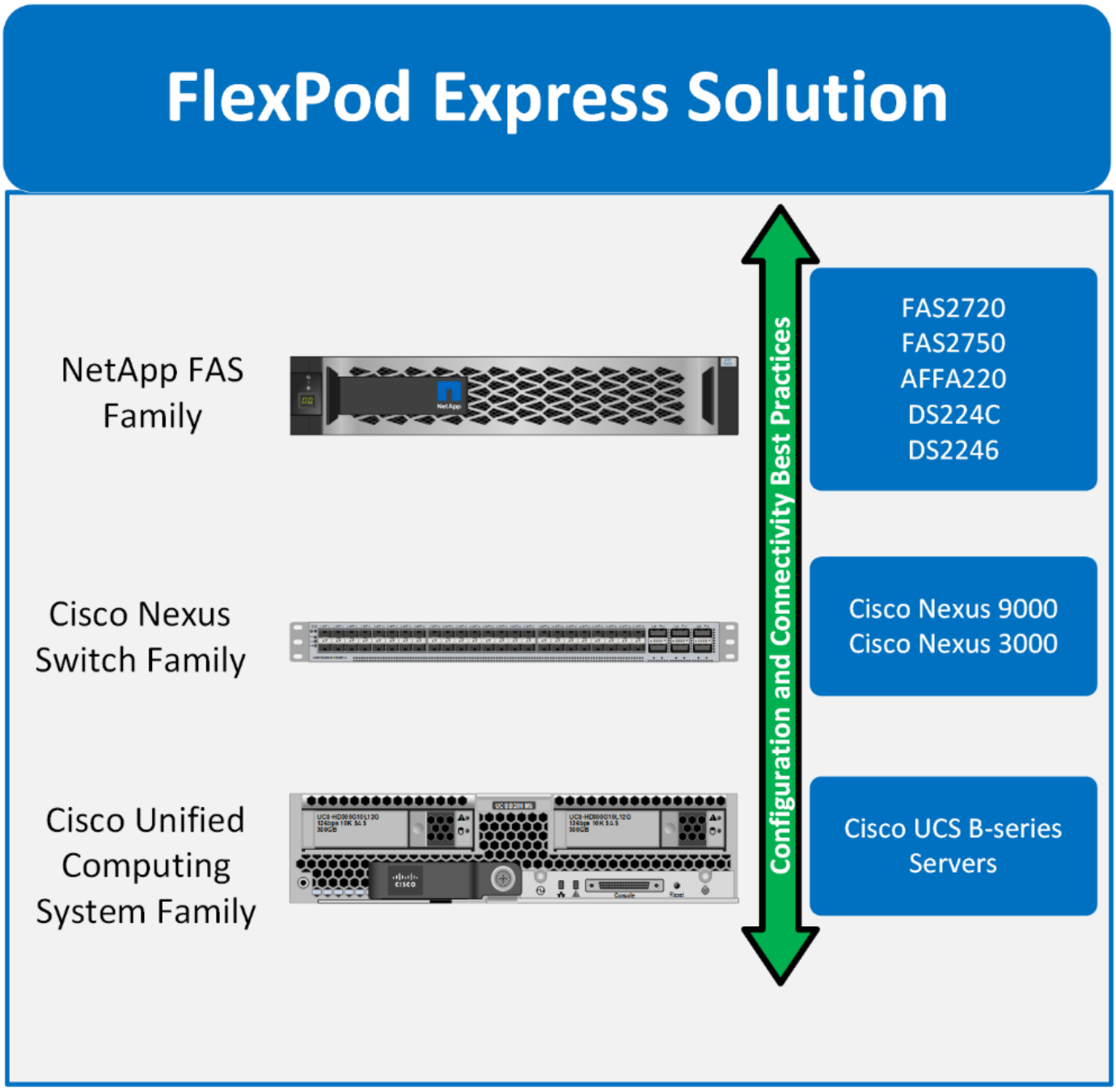
Solution overview

FlexPod Express is designed to run mixed virtualization workloads. It is targeted for remote and branch offices and for small to midsize businesses. It is also optimal for larger businesses that want to implement a dedicated solution for a purpose. The primary driver of the new FlexPod Express solution is to add new technologies such as ONTAP 9.5, FAS27xx/AFF220, VMware vSphere 6.7U1 to FlexPod Express.

The following figure shows the hardware components that are included in the FlexPod Express solution.



Target audience

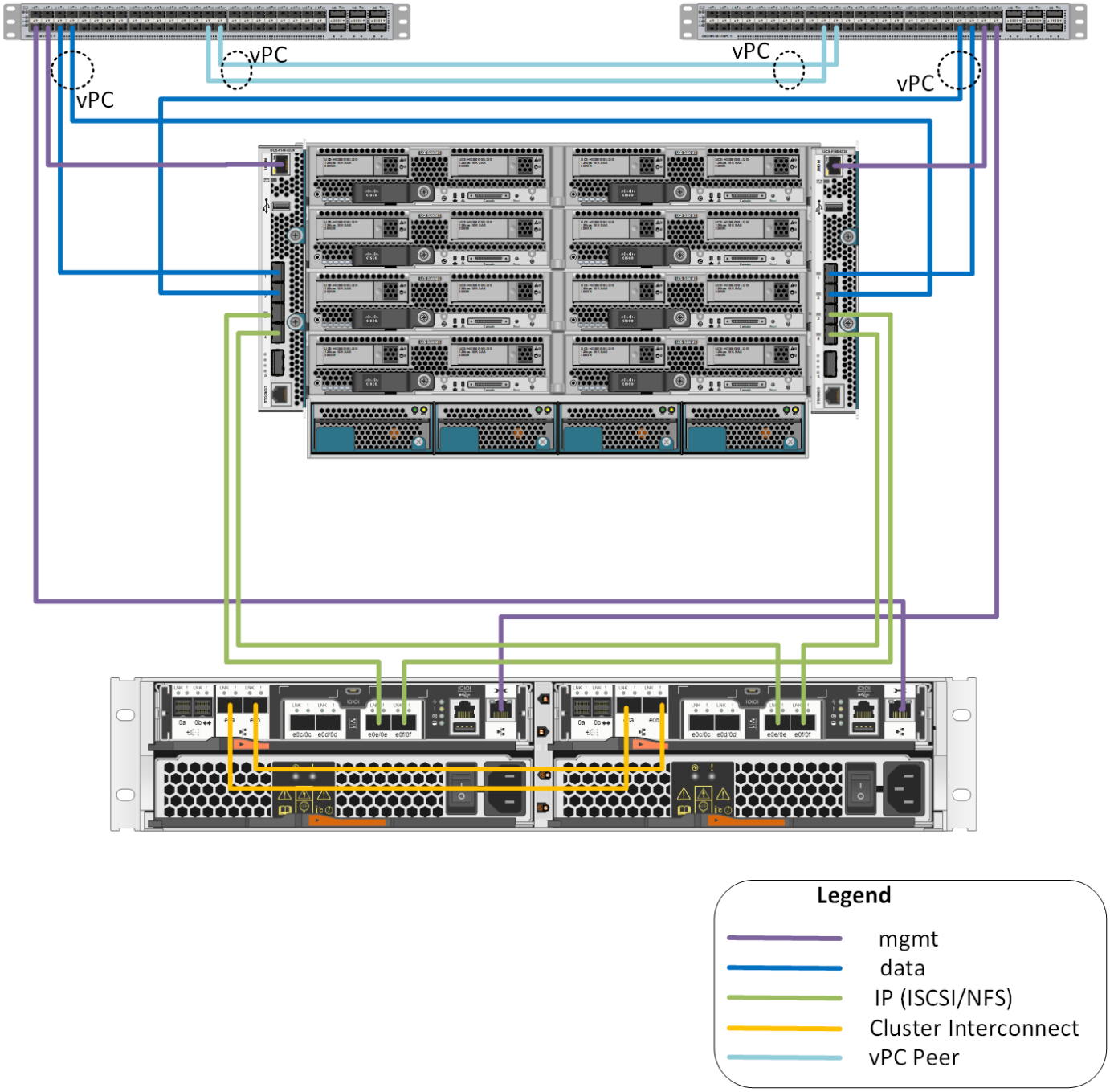
This document is intended for people who want to take advantage of an infrastructure that is built to deliver IT efficiency and enable IT innovation. The audience for this document includes, but is not limited to, sales

engineers, field consultants, professional services personnel, IT managers, partner engineers, and customers.

Solution technology

This solution uses the latest technologies from NetApp, Cisco, and VMware. It features NetApp AFF A220 running ONTAP 9.5, dual Cisco Nexus 31108PCV switches, and Cisco UCS B200 M5 servers that run VMware vSphere 6.7U1. This validated solution uses Direct Connect IP storage over 10GbE technology.

The following figure illustrates FlexPod Express with VMware vSphere 6.7U1 IP-Based Direct Connect architecture.



Use case summary

The FlexPod Express solution can be applied to several use cases, including the following:

- ROBOs
- Small and midsize businesses
- Environments that require a dedicated and cost-effective solution FlexPod Express is best suited for virtualized and mixed workloads.

Next: Technology requirements.