



## **Solution overview**

### **FlexPod**

NetApp  
June 03, 2021

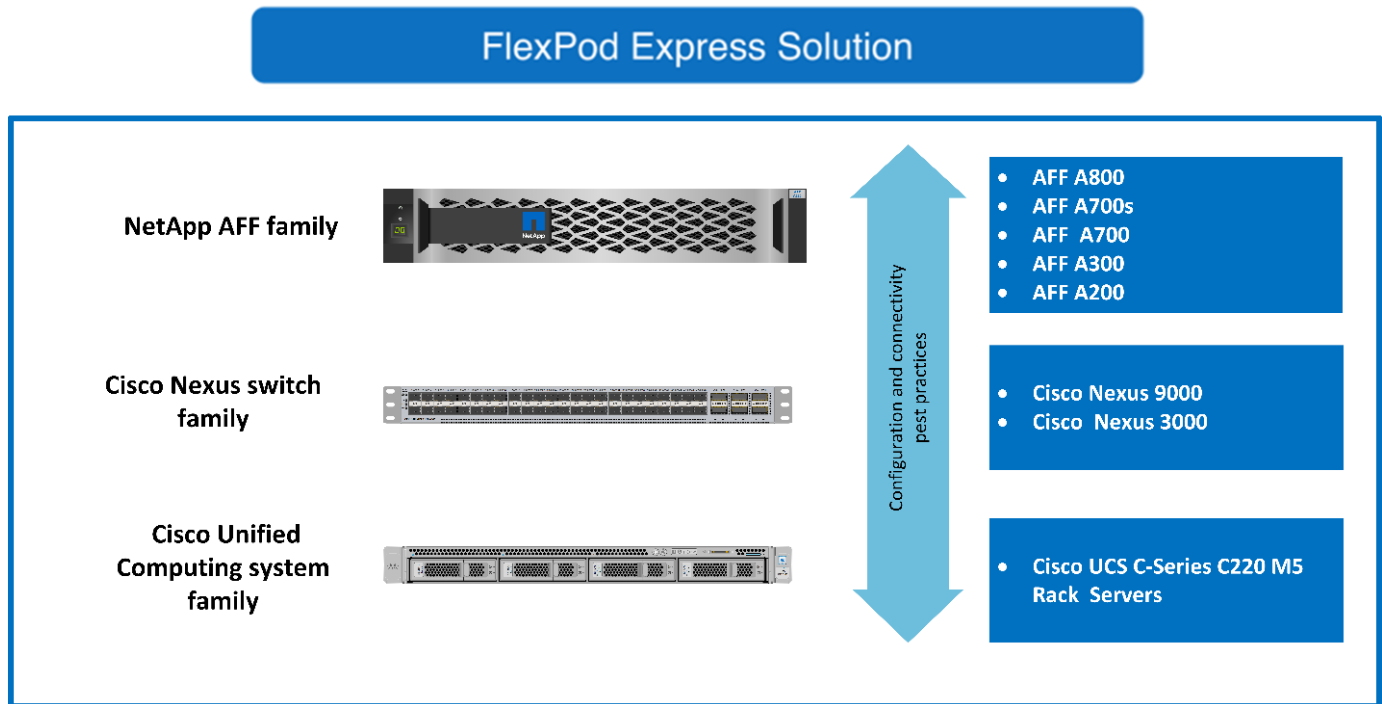
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# Solution overview

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. This new solution for FlexPod Express adds new technologies such as NetApp ONTAP 9.4, NetApp AFF A220, and VMware vSphere 6.7.

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



## Target audience

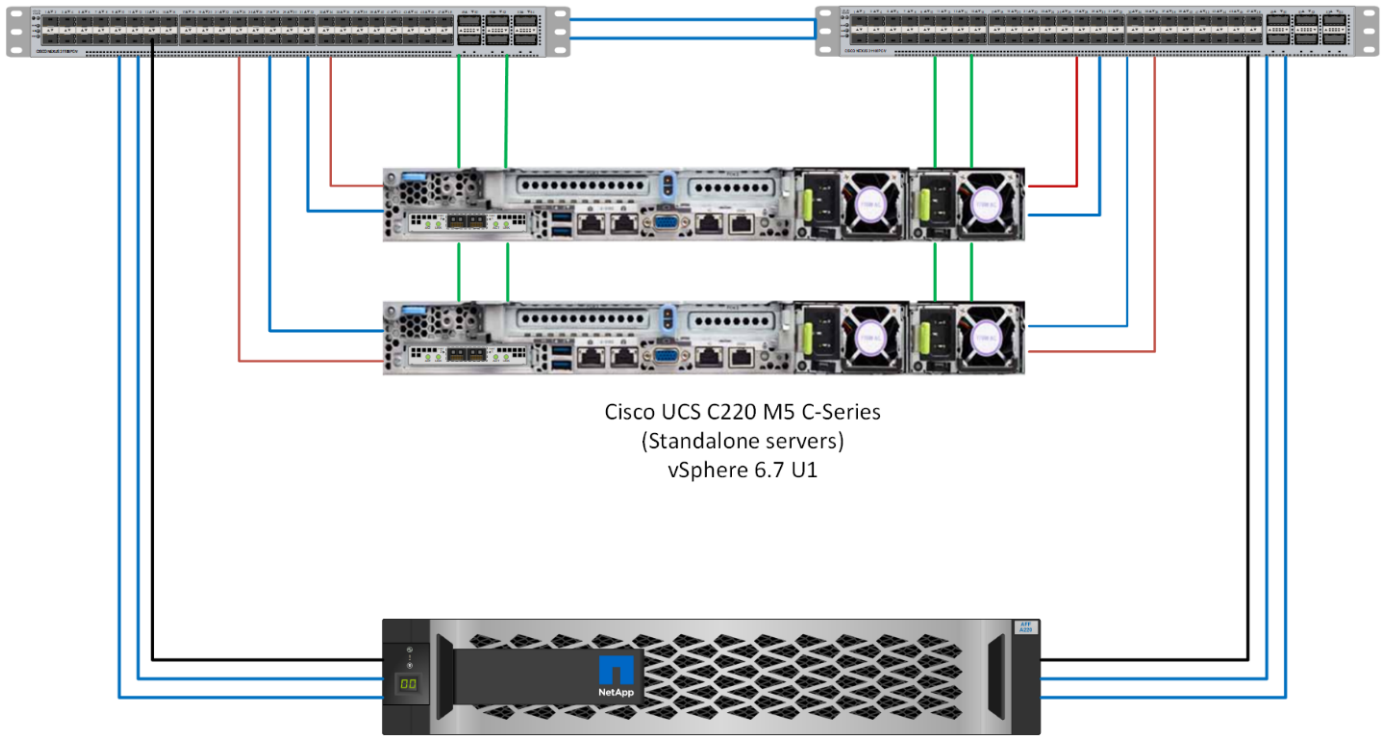
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## Solution technology

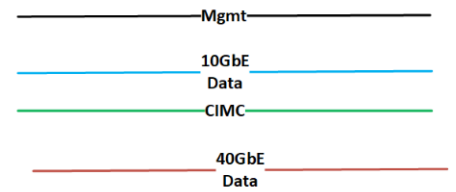
This solution leverages the latest technologies from NetApp, Cisco, and VMware. This solution features the new NetApp AFF A220 system, which runs ONTAP 9.4 software, dual Cisco Nexus 3172P switches, and Cisco UCS C220 M5 Rack Servers that run VMware vSphere 6.7. This validated solution uses 10-Gigabit Ethernet (10GbE) technology. The following figure presents an overview. Guidance is also provided on how to scale by adding two hypervisor nodes at a time so that the FlexPod Express architecture can adapt to an organization's evolving business needs.

## FlexPod Express

Cisco Nexus 3172 P Switches



NetApp AFF A220 Storage  
Controller



40GbE is not validated, but it is a supported infrastructure.

Next: Technology requirements.

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