



Infrastructure hardware and software components

FlexPod

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Table of Contents

Infrastructure hardware and software components 1

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Always use the [Interoperability Matrix Tool \(IMT\)](#) to validate that all versions of software and firmware are supported. The following table lists the infrastructure hardware and software components that were used in testing.

Layer	Product family	Version or release	Details
Compute	Cisco UCS 5108		One chassis
	Cisco UCS blade servers	4 x B200 M5	Each with 18 CPU cores and 768GB RAM BIOS 2.2(8))
	Cisco UCS VIC	4 x UCS 1340	VMware ESXi fNIC FC driver: 1.6.0.34 VMware ESXi eNIC Ethernet driver: 1.0.6.0
	2 x Cisco UCS FI	6332-16UP with Cisco UCSM 3.2 (2f)	
Network	Cisco Ethernet switches	7.0(3)I7(2)	2 x Cisco Nexus 9372PX-E
Storage network	iSCSI: IP solution using N9k		FI and UCS chassis
	FC: Cisco MDS 9148S	8.2(2)	Two Cisco 9148S switches
Storage	2 x NetApp AFF A700s	ONTAP 9.3 GA	1 x 2-node cluster
	2 x DS224C disk shelf		
	SSD	48 x 960GB	
Software	Hypervisor	VMware vSphere ESXi 6.5 U1	
	VMs	RHEL 7.4	
	Hypervisor management system	VMware vCenter Server 6.5 U1 (VCSA)	vCenter Server Appliance
	NetApp Virtual Storage Console	VSC 7.0P1	
	SnapCenter	SnapCenter 4.0	
	Cisco UCS Manager	3.2 (2f) *	

[Next: Base Infrastructure Configuration.](#)

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