

Virtual Desktop Infrastructure

FlexPod

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Virtual Desktop Infrastructure

FlexPod Datacenter with Citrix Virtual Apps & Desktops 1912 LTSR and VMware vSphere 7 for up to 6000 seats

Jeff Nichols, Cisco Suresh Thoppay, NetApp Dre Jackson, NetApp

This document provides the architecture and design of a virtual desktop infrastructure for up to 6000 end-user computing users. The solution is virtualized on fifth-generation Cisco UCS B200 M5 blade servers, booting VMware vSphere 7.01 Update 1 through FC SAN from the AFF A400 storage array. The virtual desktops are powered using Citrix Provisioning Server 1912 LTSR and Citrix RDS/Citrix Virtual Apps & Desktops 1912 LTSR, with a mix of RDS-hosted shared desktops (6000), pooled and/or non-persistent-hosted virtual Windows 10 desktops (5000), and persistent-hosted virtual Windows 10 desktops provisioned with Citrix Machine Creation Services (5000) to support the user population. Where applicable, the document provides best-practice recommendations and sizing guidelines for customer deployments of this solution.

FlexPod Datacenter with Citrix Virtual Apps & Desktops 1912 LTSR and VMware vSphere 7 for up to 6000 seats

FlexPod Datacenter with VMware Horizon View 7.10, VMware vSphere 6.7 U2, Cisco UCS Manager 4.0, and NetApp ONTAP 9.6 for up to 6700 seats

Vadim Lebedev, Cisco Suresh Thoppay, NetApp

This document provides a reference architecture and design guide for a 5000-seat to 6000-seat desktop workload, end-user computing environment on FlexPod Datacenter with Cisco UCS and NetApp AFF A300 and NetApp ONTAP data management software. The solution includes VMware Horizon server-based RDS Windows Server 2019 sessions, VMware Horizon persistent full clone Microsoft Windows 10 virtual desktops and VMware Horizon non-persistent, instant-clone Microsoft Windows 10 virtual desktops on VMware vSphere 6.7U2

FlexPod Datacenter with VMware Horizon View 7.10, VMware vSphere 6.7 U2, Cisco UCS Manager 4.0, and NetApp ONTAP 9.6 for up to 6700 seats

3D graphics visualization with Citrix and NVIDIA - White paper

This document describes the performance of Citrix XenDesktop on Citrix XenServer with

NVIDIA Tesla P4, P6, and P40 cards on Cisco UCS C240 M5 and B200 M5 servers with SPECviewperf 13.

3D graphics visualization with Citrix and NVIDIA - White paper

FlexPod Datacenter with Citrix XenDesktop/XenApp 7.15 and VMware vSphere 6.5 Update 1 for 6000 seats

Vadim Lebedev, Cisco Chris Rodriguez, NetApp

This document provides a Reference Architecture for a virtual desktop and application design using Citrix XenApp/XenDesktop 7.15 built on Cisco UCS with a NetApp All Flash FAS (AFF) A300 storage and the VMware vSphere ESXi 6.5 hypervisor platform.

The landscape of desktop and application virtualization is changing constantly. The new M5 high-performance Cisco UCS Blade Servers and Cisco UCS Unified Fabric combined as part of the FlexPod proven Infrastructure, with the latest generation NetApp AFF storage result in a more compact, more powerful, more reliable and more efficient platform.

FlexPod Datacenter with Citrix XenDesktop/XenApp 7.15 and VMware vSphere 6.5 Update 1 for 6000 seats

FlexPod Datacenter with VMware Horizon View 7.3 and VMware vSphere 6.5 Update 1 with Cisco UCS Manager 3.2 for 5000 seats

Ramesh Guduru, Cisco David Arnette, NetApp

This document provides a reference architecture, design guide, and deployment for up to a 5000-seat, mixed workload end-user computing environment on FlexPod Datacenter with Cisco UCS and NetApp All Flash FAS (AFF) A300 storage. The solution includes VMware Horizon server-based Remote Desktop Server Hosted sessions, VMware Horizon persistent Microsoft Windows 10 virtual desktops, and VMware Horizon non-persistent, Microsoft Windows 10 instant clone virtual desktops on VMware vSphere 6.5.

FlexPod Datacenter with VMware Horizon View 7.3 and VMware vSphere 6.5 Update 1 with Cisco UCS Manager 3.2 for 5000 seats

FlexPod Datacenter with VMware Horizon View 7.10, VMware vSphere 6.7 U2, Cisco UCS Manager 4.0, and NetApp ONTAP 9.6 for up to 6700 seats

Vadim Lebedev, Cisco Suresh Thoppay, NetApp

This document provides a reference architecture and design guide for a 5000-seat to

6000-seat desktop workload end-user computing environment on FlexPod Datacenter with Cisco UCS and NetApp AFF A300 and NetApp ONTAP data management software. The solution includes VMware Horizon server-based RDS Windows Server 2019 sessions, VMware Horizon persistent, full clone Microsoft Windows 10 virtual desktops, and VMware Horizon non-persistent, instant-clone Microsoft Windows 10 virtual desktops on VMware vSphere 6.7 U2.

FlexPod Datacenter with VMware Horizon View 7.10, VMware vSphere 6.7 U2, Cisco UCS Manager 4.0, and NetApp ONTAP 9.6 for up to 6700 seats

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