

EUC Broker Deployment

Product Code: CNS-EUC-A-SVC-BRK-DEP

At-a-Glance

Stage: Deploy

The End User Computing (EUC) Broker Deployment service accelerates the deployment of a supported EUC Broker. In addition, Nutanix creates an optimized Gold Image for consumption by an application or desktop virtualization solution. EUC teams have a choice of a variety of supported EUC Brokers. This offer is ideal for the Deploy stage of the hybrid multicloud journey for EUC workloads.

Service Scope

Highly skilled consultants with solid domain expertise and rich experience begin by deploying the EUC Broker and creating the Gold Image according to Nutanix recommended practices and the customer-provided design document and use case documentation. The Gold Image is then used for consumption by an application or desktop virtualization solution. After the deployment, the consultant creates a customized As-built Guide and updated configuration workbook to document the final configuration of the EUC Broker.

Citrix Virtual Apps and Desktops (CVAD) or Desktop as a Service (DaaS)

For customers with Citrix-based EUC Brokers.

The service includes the following activities:

- Review customer-provided design and configuration documentation
- Deploy Citrix broker infrastructure to support a single Citrix site according to a customer-provided design document
 - Deploy Cloud Connectors (Citrix DaaS)
 - Deploy Citrix Delivery Controller servers (CVAD)
 - Verify existing customer-provided Microsoft SQL Server infrastructure to support Citrix broker infrastructure
 - Deploy Citrix StoreFront servers
 - Configure StoreFront aggregation (optional)
 - Deploy Citrix Provisioning servers (optional)
 - Deploy Nutanix plugins for Machine Creation Services (MCS) and Citrix Provisioning Services (PVS) (optional)
 - Configure Citrix policies according to the customer-provided design document
- Deploy a virtual Citrix NetScaler (Application Delivery Controller) appliance and Citrix Application Delivery Management (ADM) for pooled capacity licensing requirements (optional)
 - Configure Citrix NetScaler (ADC) or F5 load balancing requirements for Citrix components (optional)
- Deploy NVIDIA License System (optional)

- Configure Active Directory (AD) groups, organizational units (OU), and base Group Policy Objects (GPO) according to the customer-provided design document
- Configure FSLogix profile containers according to the customer-provided customer design document
- Assist with installing and integrating a single base Windows Gold Image with base OS optimizations, required broker agent software, supported hypervisor, and GPU

VMware Horizon

For customers who want a VMware Horizon-based EUC solution.

The service includes the following activities:

- Review customer-provided design and configuration documentation
- Deploy VMware Horizon management broker infrastructure to support a Horizon pod according to a customer-provided design document
 - Deploy VMware Horizon connection servers
 - Deploy VMware Horizon composer servers (optional)
 - Deploy VMware Universal Access Gateway appliances
 - Verify existing customer-provided Microsoft SQL Server infrastructure to support Horizon broker infrastructure
 - Configure Horizon policies within connection servers
- Deploy a virtual Citrix NetScaler (ADC) appliance and Citrix ADM for pooled capacity licensing requirements (optional)
 - Configure Citrix NetScaler (ADC) or F5 load balancing requirements for Horizon components (optional)
- Deploy NVIDIA License System (optional)
- Configure Active Directory (AD) groups, organizational units (OU), and base Group Policy Objects (GPO) according to the customer-provided design document
- Configure FSLogix profile containers according to the customer-provided customer design document
- Assist with installing and integrating a single base Windows Gold Image with base OS optimizations, required broker agent software, supported hypervisor, and GPU drivers

Dizzion Frame

For customers who want a Frame-based EUC solution.

The service includes the following activities:

- Review customer-provided design and configuration documentation
- Deploy Frame broker infrastructure, configuration, and connectivity to support a physical site or public cloud region according to a customer-provided design document
- Configure Frame customer, organization, and account(s)
- Configure SAML2 identity provider for user authentication
- Register NCI cluster running AHV or customer-provided AWS, Azure or GCP cloud subscription

- For NCI clusters running AHV:
 - Deploy and configure Frame Cloud Connector appliances
 - Configure Prism Central to support Frame
 - Deploy and configure the Frame Streaming Gateway appliance(s) (optional)
 - Deploy NVIDIA License System (optional)
 - Configure Active Directory (AD) groups, organizational units (OU), and base Group Policy Objects (GPO) according to the customer-provided design document
 - Configure FSLogix profile containers to the solution design
 - Configure storage mount points according to the customer-provided design document
 - Assist with installing and integrating a single base Windows Gold Image with base OS optimizations, required broker agent software, supported hypervisor, and GPU drivers

Limitations

- For each quantity purchased, deployment is limited to a single physical site and one Gold Image
- Maximum of 64 nodes distributed in up to 4 NCI or dedicated NUS clusters of a single hypervisor type at a single physical site
- Multisite DR deployments require quantity 1 for each physical site. Additionally, the *EUC Disaster Recovery & Multisite Integration* service is required
- Excludes creation or updates to customer-provided design documentation

Citrix Virtual Apps and Desktops (CVAD) or Desktop as a Service (DaaS)

- Limited to:
 - Up to 2 virtual machine resources per component in a high availability (HA) configuration as per the design
 - Up to 4 load-balanced VIPs and 2 Citrix Gateways on Citrix NetScaler configuration
 - Virtual NetScaler deployment only
 - NetScaler configuration applicable for both physical and virtual appliances
 - Up to 3 base GPOs per existing design
 - One Windows-based Gold Image
 - Excludes custom application installs
 - OS optimizations based on template recommendations only
- Excludes Citrix Workplace Environment Management (WEM) agent configuration

VMware Horizon

- Limited to:
 - Up to 1 Horizon pod
 - Up to 2 virtual machine resources per component in a HA configuration as per the design
 - Up to 3 base GPOs per existing design
 - One Windows-based Gold Image
 - Excludes custom application installs

- OS optimizations based on template recommendations only
- VMware Dynamic Environment Manager (DEM) / Persona agent configuration not included

Dizzion Frame

- Limited to:
 - Up to 1 physical site or public cloud region
 - Up to 2 Frame Cloud Connector appliances in a HA configuration as per the design
 - Up to 2 Frame Streaming Gateway appliances in a HA configuration as per the design
 - Up to 3 base GPOs per existing design
 - One Windows-based Gold Image
 - Excludes custom application installs
 - OS optimizations based on template recommendations only

Supported EUC Brokers

- Citrix Virtual Apps and Desktops
- Citrix DaaS
- VMware Horizon
- Dizzion Frame

Supported Hypervisors

- Nutanix AHV
- VMware ESXi

Prerequisites

- Fully supported and functional on-premises NCI cluster or Nutanix Cloud Clusters (NC2) that meets all product requirements

Note: For information on the requirements for NCI Clusters, see Field Installation Overview in the *Field Installation Guide* on the Nutanix Support Portal.

- Customer-provided Design document
- Completed Pre-Install Questionnaire

Required Product Licenses

- NCI
- Hypervisor licenses for NCI
- EUC Broker licensing
- Software licenses for Gold Image

Deliverables

- Project Kickoff
- Project Schedule
- Project Status Report(s)
- Deployment
- As-Built Guide
- Project Closeout

Duration

Typically up to 6 days

Related Products

- Nutanix Cloud Infrastructure (NCI)
- Nutanix Cloud Clusters (NC2)
- End User Computing (EUC)

Terms and Conditions

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