



NVIDIA PROFESSIONAL SERVICES

vGPU Assessments

NVIDIA vGPU Technical Assessments - Clarifying the path to a great VDI experience

NVIDIA virtual GPU (vGPU) enables virtual desktop (VDI) and application environments to deliver any application, even the most resource-intensive, with a consistently great user experience.

To make sure every client can unlock the full capability of vGPU technology in virtual desktop and application environments, NVIDIA Professional Services is introducing two technical assessments, the **Environment Sizing Assessment**, meant for projects in the planning stage, and the **Deep-Dive Assessment** clarifying the technical path to a great vGPU experience.

Environment Sizing Assessment The Environment Sizing Assessment helps clients understand exactly what they will need to deliver a great vGPU experience by identifying the unique requirements and use cases their environment presents.

This one-week Environment Sizing Assessment helps clients identify and quantify the variables required to size an NVIDIA vGPU environment correctly. Upon completion, clients will know precisely how to size a deployment for their specific use case, user count, application requirements, display requirements, etc. The Environment Sizing Assessment includes compute, storage, GPU, and recommendations for network, endpoints, security, and all additional VDI + vGPU deployment components.

After completing the Environment Sizing Assessment, clients can be confident that they are ready to acquire hardware and software to meet their end-user computing requirements and deliver a great experience.

Deep-Dive Assessment The two-week Deep-Dive Assessment is for existing production environments not meeting client requirements or end-user expectations. This assessment dives deep into all aspects of a Citrix or VMware Virtual GPU deployment, examining the desktop and application virtualization environment and all systems it relies on to deliver a great end-user experience, including compute, storage, GPU, network, endpoints, hypervisor, broker, protocol, group policies, database, and applications. Minor remediation work that can be completed during the engagement may be included. This engagement is two weeks in length and concludes with an executive presentation and assessment deliverable of all findings, including recommended remediation to resolve the discovered issues.

What is Included	ASSESSMENTS		
	Sizing	Deep-Dive	Add-On Pack
General Purpose	Hardware Sizing	Detailed Review	Assessment Support
Includes Review of:			
VMware Horizon, Horizon Hybrid, Citrix CVAD, Citrix On-Prem, Citrix CWC, Single Platform & Site	•	•	•
Primary Assessment Topics			
Users and Devices		•	
Access Strategy		•	
User Personalization		•	
Image Management		•	
Management & Monitoring		•	
Accomplishments			•
Hardware & Hypervisors			
Physical Servers	•	•	
Nutanix Acropolis	•	•	
VMWare ESX/ESXi	•	•	
Microsoft Hyper-V	•	•	
Cisco UCS	•	•	
Custom BIOS Tuning			•
Citrix Edition (CVAD, OnPrem, CWC)			
StoreFront/Web Interface/CWC Cloud	•	•	
Delivery Controllers/ZDCs	•	•	
Director Servers	•	•	
Citrix Studio	•	•	
License Servers	•	•	
Database Servers	•	•	
Apps & Desktops VDAs	•	•	
Citrix App Layering		•	
Single Image Optimization Check		•	
Single Image Optimization Tuning			•
Issue Root Cause Analysis		•	•
Issue Remediation Assistance			•
VMware Horizon Edition (On-Prem, Hybrid Cloud)			
Connection Servers	•	•	
vCenter Server/ Appliance	•	•	
View Agent Settings		•	
View Client Settings		•	
Machine Templates	•	•	
VMware Composer	•	•	
VMware Replica Servers	•	•	
VMware Security Server	•	•	
VMware User Environment Manager	•	•	
VMware App Volumes		•	
Single Template Optimization Check		•	
Single Template Optimization Tuning			•
Issue Root Cause Analysis		•	•
Issue Remediation Assistance			•

General Infrastructure Review		
Active Directory		•
VDI Networking Overview		•
SAN/NAS Storage		•
Databases		•
Applications		•
Windows Endpoint Review		•
Thin Client Review (Wyse, iGel, ZeeTim, HP, Lenovo, 7 Zig)		•
End Users		•
Load Balancing		•
Citrix ADC Gateway (NetScaler Gateway)		•
Antivirus configuration		•
Active Directory HealthCheck		•
Infra Remediation Assistance		•
Advanced Technical Deep-Dive		
Storage Performance		•
CPU Load Performance		•
Hardware BIOS Settings		•
Application Performance Review		•
Application Issues Review		•
Advanced Hypervisor Configuration		•
Storage Server/Platform Review		•
Storage Server/Platform Tuning		•
Protocol Optimization (BLAST, PCoIP, HDX, ICA, Thinwire, ThinWire+)		•
Engagement Deliverables		
PowerPoint Deliverable	•	•
Findings Review & Exit Meeting	•	•
Engagement Length	1 Week	2 Weeks
Assessment Deliverable		•

Part Number:

GPS-VGPUNVA-SZ	vGPU Environment Sizing Assessment – 1 Week
GPS-VGPUNVA-DD	vGPU Deep Dive Assessment of Citrix/VMware environment & supporting systems incl. SQL, hypervisor, HW, DB, storage, etc. 2 Weeks