



xangati

XangatiTM - VDI Accelerator

OVERVIEW

Xangati is a powerful VDI Accelerator solution for virtual desktop deployments. It provides real-time visibility into virtual and physical infrastructure performance metrics along with granular historical reporting to ensure virtual desktop deployments are finished faster, with less risk and deliver satisfactory end-user performance.

Supported Platforms:

- VMware ESX/ESXi 3.5, 4.x
- VMware View 4.x
- Citrix XenDesktop 3.x, 4.x, 5
- Citrix XenServer 5.6 SP 1 with Open vSwitch
- Any combination of above

Appropriate For:

- VDI Assessments
- VDI Pilots/Proof of Concepts
- VDI Rollout/Maintenance
- VDI Operations
- VARs and IT Departments

BENEFITS

- Troubleshoot Faster
- End to end Visibility
- Quick Deployment
- Agent-less
- Ongoing management
- Ensure Satisfactory Performance

Accelerate Virtual Desktop Deployments

The challenge with deploying virtual desktops is not the core technology, it is configuring all the moving parts to work in your unique environment. Whether you are doing an assessment, a pilot, a proof of concept or a full rollout, Xangati provides the critical information needed to accelerate VMware and Citrix VDI projects, lower risk and ensure satisfactory end-user performance.

One Solution - All the Information, All the Visibility

Xangati provides the critical information needed to quickly and properly configure virtual desktop deployments in one solution. Xangati is unique in providing the VDI project team real-time visibility -- without desktop/VM agents -- into both virtual desktop infrastructure and physical network performance.

Xangati shows everything and anything a virtual desktop is communicating with in a single pane of glass. Using only a Web browser, Xangati shows an element (a virtual desktop in Figure 1) and all its connections and dependencies to all other infrastructure elements. What applications is the virtual desktop running? What end users are attached to it? What VDI protocol bandwidth is each consuming? What is its WAN or storage latency? Xangati's unique VM-to-Anything visibility makes it easy to see activity, assess infrastructure health and assess how VDI is or will impact it. VDI protocol tuning is essential to successful VDI deployments. Xangati enables you to adjust config settings and immediately assess the impact on:

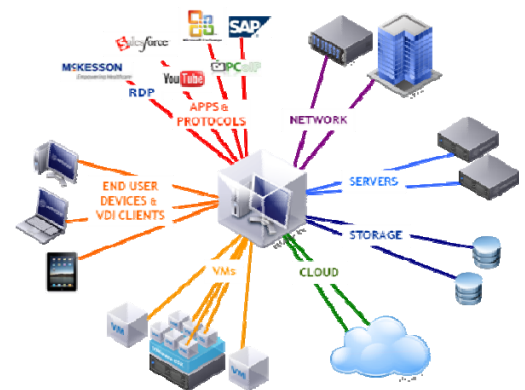


Figure 1: VM-to-Anything visibility shows a virtual desktop and connection activity with all dependencies

- Average and peak bandwidth by application, protocol, user and group
- WAN, LAN and Wireless headroom for VDI
- VDI session counts and usage patterns by time of day
- Network and storage latency in the same pane of glass
- Storage read/write rates
- Virtual desktop and host CPU and memory usage
- End-user client to virtual desktop activity

What configuration settings or optimization levers for VDI do you have? With Xangati the immediate impact on infrastructure and end-user performance can be seen in seconds when the following or other settings are changed – enabling proper configuration and tuning of every unique VDI environment:

- screen resolution
- number of screens
- frame rate
- Audio quality
- USB redirection
- Windows experience settings

“Right-Now” and Historical Visibility

Xangati provides the real-time, “right-now” visibility and granular historical reporting missing from all other tools. Because the Xangati UI is updated every second – VM, application, protocol, latency, CPU and other activity is uniquely seen immediately and can be paused, rewind and replayed – just like a video. Change a configuration and immediately see the impact. And, granular historical reporting is available for all these relationships – making assessments and recommendations easy to document (Figures 2, 3).

- Real VDI user bandwidth far exceeding Assessment tool bandwidth forecasts
- Mis-configured DHCP server affecting user logins
- Connection brokers not properly load balanced
- Improper VDI protocol configuration
- End user experience killed by network latency

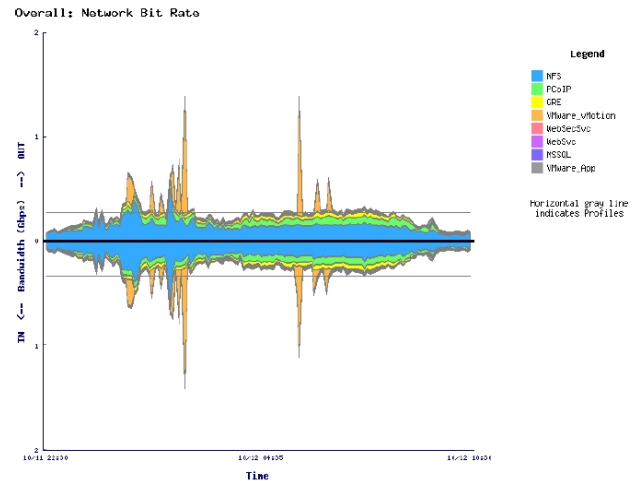


Figure 3 - WAN traffic breakdown by application

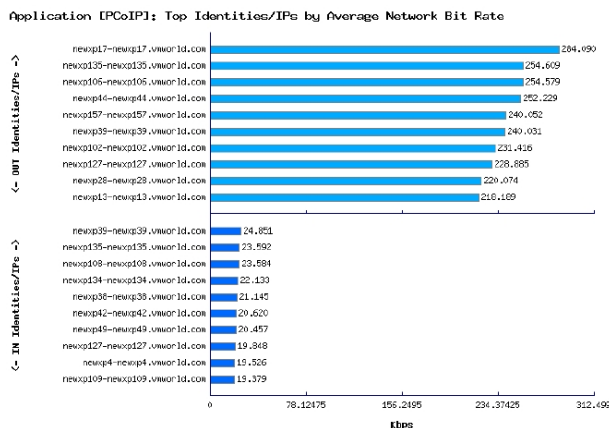


Figure 2 – PCoIP Bandwidth by Virtual Desktop

Satisfactory End User Experience

While the ultimate success of VDI is ROI, satisfactory end user performance is required to get there. Xangati ensures satisfactory performance in two ways: First, Xangati includes a Visual Trouble Ticket (VTT) portal where end-users create a ticket. Easily integrated with an existing service desk or used stand alone, the VTT creates a visual recording of the end user’s virtual desktop activity. Administrators replay the recording to identify, document and resolve the root cause. Second, Xangati identifies root cause 10X faster - identifying the following within hours of being deployed:

- WAN pipes clogged by USB allocations

How it Works

Xangati software including a Xangati Management Dashboard, Xangati for ESX Pro or Citrix licenses and Xangati Remote Object Viewers are licensed on a monthly basis (30 days) for up to one year. The Management Dashboard can be deployed as either a virtual appliance on VMware vSphere ESX/ESXi hosts or as a physical appliance when ESX/ESXi hosts are not available. The Management Dashboard collects, processes and displays infrastructure performance information from sources including vSwitches, physical switches, routers, hosts and other management tools like vCenter. Any combination of VMware and Citrix software is supported (vSphere, View, XenDesktop, XenServer). No agents and no per VM probes are required and licenses are automatically extended until cancelled to ensure no project hiccups.

About Xangati

Xangati is the leading infrastructure performance management solution that accelerates virtualization with patented “VM-to-Anything” visibility. IT organizations use Xangati to troubleshoot virtual performance problems and to design and optimize their virtual and physical infrastructure. For more information visit us at www.xangati.com or email us at info@xangati.com.