Xangati ESP for Cloud Workspace

Cloud Performance Optimization

Xangati ESP for Cloud Workspace is an IT Operations and Analytics control platform for VDI and virtualized app environments enabling application/workload service assurance analytics and IT efficiency. Xangati combines insights, data intelligence and predictive analytics, along with automated, prescriptive remediation, to help enterprises evolve from traditional performance monitoring to complete control with one self-learning tool to ensure better business outcomes.

VISIBILITY

Xangati ESP correlates and analyzes application-level metrics from hybrid-clouds, virtual servers, virtual desktops and virtual applications to provide deep, granular insights into the overall health of your IT infrastructure and end user quality of experience.

ANALYZE

Xangati adjusts thresholds dynamically based on powerful storm-contention algorithms and machine-learned heuristics, eliminating the need for manual troubleshooting. It discovers the root cause of resource degradation to assist administrators with rapid resolution of issues. On-demand reports show resource contention history, capacity utilization, efficiency and IT proactive measures.

CONTROL

Xangati's in-memory architecture scales to meet the needs of the most demanding IT environments. Xangati cross-references interdependencies for thousands of metrics on a real-time basis; unsurpassed visibility and control of the infrastructure is met without the need to install and manage agents.

Cross-Silo Intelligence

USERS
Gain visibility into per-user resource utilization and quality of experience running virtual applications

APPLICATIONS
Virtualized Windows applications and desktops, modern Web sites & Web applications running in AWS or Azure; micro-services running in Docker containers

CLIENTS
PCs and Macs as well as BYOD mobile devices such as Windows, iOS or Android tablets & smart phones

FRONT-END SERVERS
VMware View, XenDesktop, XenServer, XenApp, Hyper-V or VMware based VMs, Web sites and applications

BACK-END SERVERS
Application servers, databases, basic infrastructure including DNS, LDAP, Active Directory

STORAGE
All key datastore metrics are supported; deeper insights, integration with NetApp storage and EMC; dedicated Storage software dashboard module

COMPONENTS
Other important infrastructure components including Citrix NetScaler ADCs, Cisco UCS Virtual NICs, flow-based technologies

NETWORKING
ESP builds on Xangati's networking DNA by tapping the flows from NetFlow, AppFlow and other protocols without the need for agents or probes

XANGATI ESP FOR CLOUD WORKSPACE AT-A-GLANCE (priced out separately)

XANGATI ESP for CLOUD WORKSPACE - MODULES	
Xangati ESP VDI Module	Highest level of service assurance to the users of Citrix XenDesktop or VMware Horizon environments, while running the virtualized infrastructure at peak efficiency.
Xangati ESP VirtualApp Module	Service assurance for Citrix environments optimizing performance, availability, quality of service, network traffic, capacity utilization, efficiency, user experience and SLA management in real-time and at scale.
Xangati ESP Network Module	Communicates with the networking switches and services by polling them or by receiving "flows" of metrics if they are provided, to get information about latencies and throughput without the need to install agents onto the switches.
Xangati ESP Storage Module	IOPS, throughput and latency are measured at the data store level (reported by the hypervisor) or at the storage system; system shares, iSCSI or Fibre Channel LUNs and CPU utilization and overall network bitrates are also collected.

XANGATI ESP for CLOUD WORKSPACE - EXTENSIONS	
Xangati ESP Extension for NVIDIA pGPU	Xangati ESP Extension for NVIDIA pGPU extension empowers sysadmins with deep visibility into the utilization of XenServer's pGPU utilization. You can now optimize the utilization of your pGPU resources by providing per VM utilization and percentage utilization of pGPU, Memory and Frame buffers.
Xangati ESP Extension for EMC VNX	Monitors storage pools that reports the IOPS, throughput and latency metrics that EMC VNX is contributing to the hypervisors (file, block, unified).
Xangati ESP Extension for NetApp	Storage systems in 7- and C-modes showing the IOPS, throughput and latency that NetApp is delivering to the hypervisors. Additionally, data on NFS or CIFS (Common Internet File System) shares, iSCSI or Fibre Channel LUNs (Logical Unit Numbers) and CPU utilization and overall network bitrates are collected.

XANGATI BUSINESS BENEFITS	
Service Assurance	Track and analyze key performance indicators for infrastructure performance SLA's; optimize operational agility
Define SLAs	300x granular visibility, root cause analysis, predictive analytics, automated remediation advice to bust conventional silos
Increase Productivity	For IT personnel and end-users of virtual servers & desktops, virtual applications and Web applications
Mitigate Risks	With increased control of operations including the ability to predict, remediate and avert resource contention storms
Faster Problem Resolution	Leveraging powerful, easily shared, DVR-like recordings & storm-tracker analytics to accelerate MTTR
Enhance Resource Efficiency	Determine acceptable levels of resource efficiency measured against dynamic thresholds of capacity utilization

"This project was conceived because the patient record system has gotten very slow. And it had become very inefficient for the doctors to see patients."

- Lloyd Havekost, Virtualization Architect for the Army's Medical Information Technology Center (USAMITC)

The Xangati virtual appliance installs easily and provides the industry's premier comprehensive, end-to-end solution to analyze all key infrastructure components that affect end-user experience.

Request a free trial at http://xangati.com/downloads

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