

Select Bandwidth Manager for Citrix Presentation Server™

Visibility into all applications, including Citrix published applications

Benefits

- Auto-discover applications and servers on the network – both Citrix and non-Citrix
- Report on bandwidth utilization and performance metrics for all applications and end-users by Class of Service (CoS)
- Provide in-depth visibility into competing application traffic – authorized or rogue – that squeezes Citrix published applications
- Identify whether Citrix performance problems are due to end-user, network or server issues, including printing and VoIP concerns
- Determine how much bandwidth each Citrix user or site requires
- Buy now or add later as part of the Visual UpTime® Select™ network and application performance management system

Enterprises derive significant value from the deployment of remote access technologies such as Citrix. However, managing the performance of published applications under Citrix's ICA protocol presents significant challenges as limited bandwidth and competition with non-Citrix applications represent substantial hurdles to application performance.

Fortunately, Select Bandwidth Manager for Citrix Presentation Server provides cost-effective visibility into application performance at local and remote sites. This solution enables IT managers to identify bandwidth utilization on a per-user, per-application basis while also having end-to-end visibility into all Citrix published applications and non-Citrix applications traversing the network.

Identify and monitor Citrix published application flows

Application	Local Host	Remote Host	Remote Site	Usage (KB)	
				Tx	Rx
#Citrix-Oracle	citrix-dls4.visualnetworks.com	208.22.72.1	Boston	219,691.45	8,492.22
#Citrix-HTTP	citrix-dls6.visualnetworks.com	tkouhsari.visualnetworks.com	Boston	6,322.78	156,127.22
HTTP	d400xp.visualnetworks.com	www.washingtonpost.com	Boston	5,607.44	155,399.22
#Citrix-Oracle	citrix-dls6.visualnetworks.com	216.239.37.147	Boston	4,560.46	97,670.22
#Citrix-Exchange	citrix-dls4.visualnetworks.com	216.239.37.99	Boston	4,473.03	95,515.22
#Citrix-Exchange	citrix-dls6.visualnetworks.com	216.239.37.104	Boston	4,457.59	95,369.22
FTP	BHARAT	206.24.190.189	Boston	71,482.61	2,256.22
#Citrix-Excel	citrix-dls9.visualnetworks.com	tkouhsari.visualnetworks.com	Boston	1,368.94	48,024.22
#Citrix-Exchange	citrix-dls6.visualnetworks.com	172.16.21.46	Boston	1,919.76	40,344.22
#Citrix-HTTP	citrix-dls4.visualnetworks.com	tkouhsari.visualnetworks.com	Boston	1,573.57	38,807.22
AIM	jmayer-c400.visualnetworks.com	205.188.9.244	Boston	1,413.80	34,644.22
DCE/RPC	dns2.visualnetworks.com	JHASSELKUS-GX26	Boston	1,986.59	33,372.22
#Citrix-Excel	citrix-dls7.visualnetworks.com	203.127.29.18	Boston	1,726.44	23,602.22

Select Bandwidth Manager for Citrix Presentation Server provides end-to-end visibility into Citrix published applications and non-Citrix applications.

Achieve end-to-end application visibility

Select Bandwidth Manager for Citrix Presentation Server auto-discovers the applications traversing the network, both Citrix and non-Citrix, giving users a total view of application utilization across the network, including by Class of Service (CoS). Users also have insight into how those applications are performing and how much bandwidth they are consuming.

Select Bandwidth Manager for Citrix Presentation Server provides cost-effective, on-demand access into network and application performance for all local and remote sites across the WAN. For Citrix published applications, the system continually auto-discovers every Citrix application flow on the network and provides performance metrics on a per flow basis.

Improve network planning

Select Bandwidth Manager for Citrix Presentation Server allows IT managers to quickly and easily determine how much bandwidth each Citrix user or site requires. By baselining network utilization and understanding capacity requirements, enterprises can provide the proper bandwidth for remote sites. And as enterprises roll out new applications, the solution helps them plan sufficient bandwidth for new deployments while maintaining the capacity to support existing critical applications.

Troubleshoot application performance

By providing in-depth visibility into common application protocols including Citrix ICA, the solution lets users identify potential application performance problems and determine whether these problems are due to end-user, network, or server issues. These problems are typically very difficult to diagnose without having real-time and historical visibility into network and application performance. Select Bandwidth Manager for Citrix Presentation Server allows users to quickly detect and isolate these problems and scroll back in time to see each flow on the network on a real-time or historical basis. The solution also lets users proactively troubleshoot bandwidth-related problems associated with remote printing and VoIP calls.

Measure impact from other applications

Citrix application traffic may be squeezed by a variety of other types of traffic, including non-Citrix applications, worms and viruses, and unauthorized applications such as peer-to-peer file sharing. Consequently, users require in-depth visibility into network performance.

Select Bandwidth Manager for Citrix Presentation Server automatically identifies new application deployments across the network as well as changes in network utilization by existing applications. Users can quickly pinpoint poor application performance due to insufficient bandwidth or issues such as inadequate response time from improperly configured servers and network equipment.

Monitor performance proactively

Select Bandwidth Manager for Citrix Presentation Server also provides a centralized network management dashboard that lets users manage the entire application infrastructure from a centralized console by providing a single-screen view that summarizes what applications are on the network and any changes from normal operations. The solution also offers proactive threshold alarms when key performance or usage metrics such as response time are exceeded.

NETWORK SUPERVISION

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