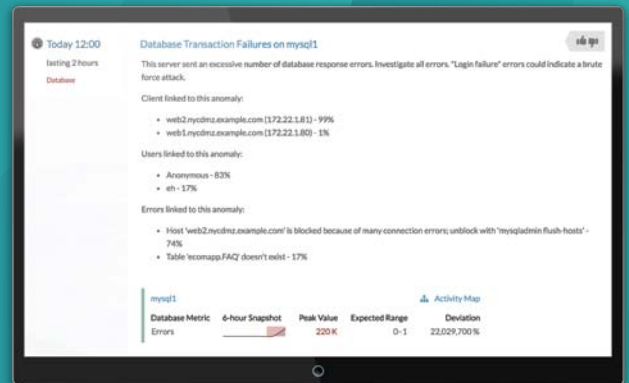# ExtraHop + CITRIX Ready

EXTRAHOP FOR CITRIX XENAPP AND XENDESKTOP

For IT teams tasked with managing Citrix XenApp and XenDesktop deployments, ExtraHop provides the proactive early warning and cross-tier visibility needed to monitor end-user experience, quickly diagnose difficult problems, and ensure security. Only ExtraHop provides in-depth, real-time analysis of both for Citrix environments and upstream applications, backed by machine learning to identify anomalies.

ExtraHop automatically detects anomalies in real time using machine learning so that your teams can fix problems fast.

Instant and unbiased insights into Citrix performance and security, backed by machine learning

You have invested a lot in your Citrix deployment, but you need visibility to fix problems fast. ExtraHop works as your eyes and ears, always watching to deliver the instant, unbiased insights you need to keep everyone happy.

ANALYZE END-USER EXPERIENCE IN REAL TIME
Real-time analysis of every session helps IT teams troubleshoot problems with end-user experience. Able to detect end-user slowdowns within seconds, the ExtraHop platform equips IT teams with the metrics they need to dig deep into Citrix-specific issues, such as slow logins and load times.

DIAGNOSE PROBLEMS FASTER, NO MATTER WHERE THEY OCCUR
The ExtraHop platform provides an easy-to-access and comprehensive view into application performance that eliminates finger-pointing and speeds problem resolution. With analysis of all application communications and data transacting on wire, IT teams can correlate front-end Citrix behavior with specific application and infrastructure activity—including the network, web, database, and storage tiers.
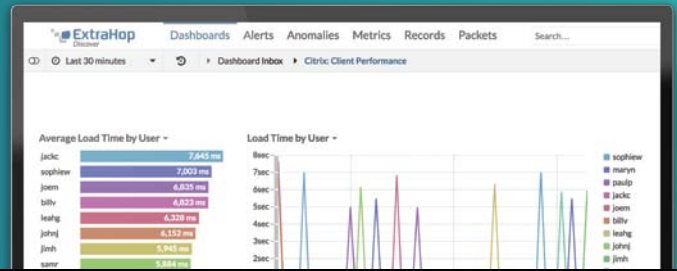
MANAGE THE CITRIX ENVIRONMENT MORE EFFECTIVELY
IT organizations use information from ExtraHop to make informed decisions regarding tuning, capacity planning, and infrastructure changes. The ExtraHop platform helps IT teams understand application usage, track Citrix licensing usage, and ensure adequate system resources for the licensing console, configuration database, remote storage, and other infrastructure components.

THE EXTRAHOP ADVANTAGE

ExtraHop offers significant advantages over competing monitoring products for Citrix. A completely passive appliance backed by cloud-powered machine learning, ExtraHop enables IT teams to make the most of their wire data. You have invested a lot in your Citrix deployment, but you need visibility to fix problems fast. ExtraHop works as your eyes and ears, always watching to deliver the instant, unbiased insights you need to keep everyone happy.

▸ **MACHINE LEARNING** – ExtraHop employs machine learning to automatically detect behavioral anomalies

▸ **ELEGANT** – No agents to install on Citrix servers or desktops

▸ **POWERFUL** – Performs at wire speeds with up to a sustained 100 Gbps of throughput

▸ **AGNOSTIC** – No client dependencies! Records realtime metrics for all client types including login times, bandwidth per application, and bandwidth per virtual channel

▸ **COMPREHENSIVE** – Correlates front-end Citrix behavior with application and infrastructure activity, including the network, web, database, and storage tiers

"THE FIVE Ls" FOR TROUBLESHOOTING PERFORMANCE ISSUES

The ExtraHop helps many organizations to troubleshoot and tune their growing desktop and application virtualization deployments. When you are assessing the performance of a Citrix deployment, you can use ExtraHop to track five key metrics that characterize the performance of the Citrix environment. We call these metrics "The Five Ls": Launches, Logon Times, Load Times, Latency, ChanneLs (Yes, including Channels is cheating, but mnemonics are worth it!) The ExtraHop platform provides visualizations for these metrics as well as the details needed to dig deeper into the root cause for performance issues.

BEST OF SHOW

ExtraHop won the overall "Best of Show" award at Citrix Energy 2017 and Best of Show in the Application, Data, and Network Security category for our Addy anomaly detection capability.

JUDGES' REMARKS

"ExtraHop's use of machine learning is ahead of the curve, and the insights Addy gleans can help all organizations improve security and management without sacrificing performance."

ABOUT EXTRAHOP NETWORKS

ExtraHop makes data-driven IT a reality. By applying real-time analytics and machine learning to all digital interactions, ExtraHop delivers instant and unbiased insights. IT leaders turn to ExtraHop first to help them make faster, better-informed decisions that improve performance, security, and digital experience. Just ask the hundreds of global ExtraHop customers, including Sony, Lockheed Martin, Microsoft, and Adobe.

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