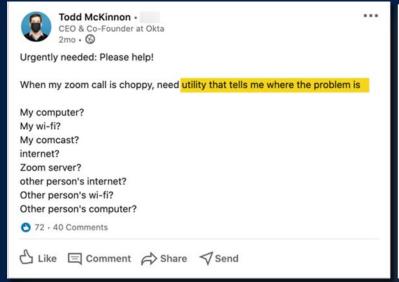
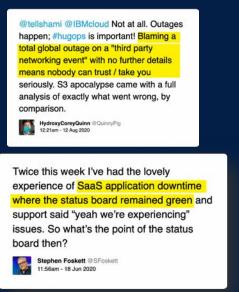


Deliver Superior User Experiences with Zscaler Digital Experience (ZDX)

The IT Operations Teams Challenge With End-to-End Monitoring







In a cloud-first and mobile world, IT monitoring teams are facing visibility gaps



Digital Transformation Efforts Create IT Visibility Gaps

IT operations teams are facing new monitoring challenges

The new reality

Cloud is the new destination

Internet is the new connectivity layer

Users are everywhere



Impact to IT teams

Cloud infrastructure is beyond IT control

Internet path is outside IT's control

Endpoint monitoring is a critical requirement

"

Gartner

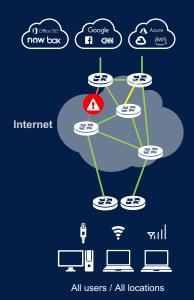
Existing device-centric network monitoring does not scale or provide the needed visibility for cloud and digital-business-era applications."

Rethink Network Monitoring for the Cloud Era Gartner, Inc.



Current IT Monitoring Approaches Create Visibility Blind Spots

In a work from anywhere world



SaaS/Cloud Provider Self-Reporting



Focus on service uptime and availability Intended to prove their innocence



Network Performance Monitoring (NPM)

Focus on monitoring the health of the network

Limited insight while analyzing encrypted traffic

Infrastructure Monitoring (ITIM)



No visibility into SaaS vendor infrastructure

Lack context about endpoint issues

Results in alerts and metrics fatigue

Forces IT teams to manually correlate metrics

Creates blind spots and slows down investigations





The Right Approach Starts With Three Integrated Monitoring Capabilities

Internet / SaaS Apps Performance

SaaS / Cloud app performance, availability and uptime



Network Analytics

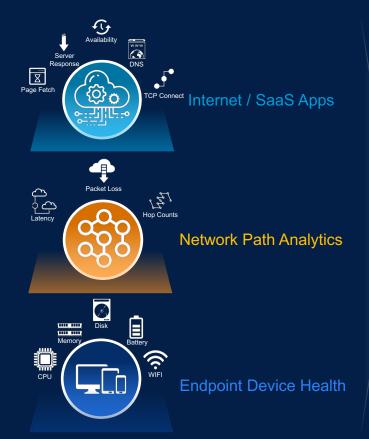
Hop-by-hop network path performance

Endpoint device and connectivity health

Endpoint Performance

Performance intelligence, automatically collected, correlated and ready for actionable insights

Gain End-to-end Visibility From User To Business Application









End-user experience correlated and benchmarked as

Digital Experience Score



Zscaler Digital Experience (ZDX)

Always-on and delivering actionable digital experience monitoring



SaaS performance monitoring



End-to-end SaaS app performance measurement Granular metrics, trend analysis and alerting

Network analytics



Hop-by-hop network performance analysis Visibility within Zscaler cloud

Endpoint Monitoring



Unified endpoint agent

Device health metrics tracking

Troubleshooting IT incidents



Isolate root cause of IT issues faster

Reduce MTTR for end-user IT issues

Improve Engagement And Keep Your End Users Happy

with enhanced digital experience monitoring from Zscaler

Effective digital experience monitoring requires integrated approach to endpoint, network and cloud/SaaS apps monitoring

- 2 End-to-end visibility is only possible with continuous and always-on monitoring starting from the end-user perspective
- Network path analytics from globally available, Zscaler cloud enables unique, actionable insight into end-user experience issues



Zscaler Digital Experience: Visibility From The End-user To The App

Proactive visibility and diagnostics of end-user experience issues



End-to-end visibility

from user out to SaaS/web applications

Proactive monitoring

of performance anomalies on end-user device, network (local/WAN) and apps

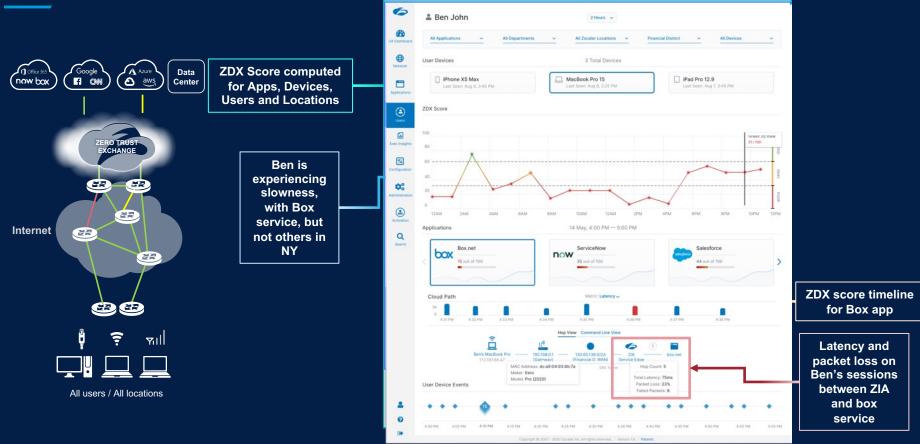
Simplified monitoring workflow

with real-world performance benchmarking and scoring

Isolate issues faster

eliminating IT delays and finger pointing

ZDX Score - Baseline User, App, and Regional Performance Issues



Global view of overall user experience, network performance issues, and device health

Always-On End User Experience Monitoring

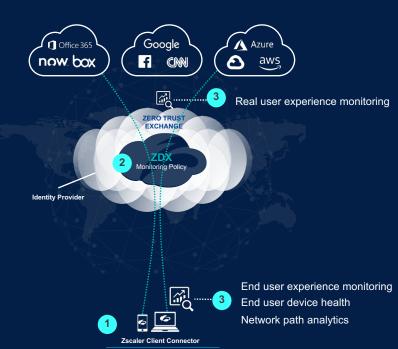
How it works....

- 1 Client Connector with ZDX enabled
- 2 Monitoring policy configured and applied
- 3 Always-on metrics sent and correlated

How it's being used

End-to-End Visibility
SaaS/Web Application monitoring

Troubleshooting End-User IssuesEnd-user device performance



Why it's unique

No operational burden of installing monitoring probes

SECURING YOUR DIGITAL TRANSFORMATION

Simplified monitoring workflows configurable in the cloud portal

Globally available cloud architecture that can ingest and analyze data from millions of endpoints



The Zscaler Digital Experience Difference



Built on a **highly** scalable SASE cloudbased ingestion and analytics engine



Deep understanding of end user identity provides useful context for monitoring workflows



Monitoring metrics aligned with network and security teams needs

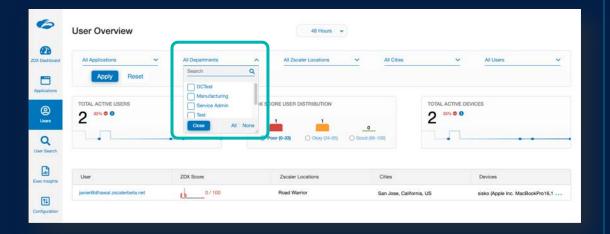


Unified endpoint agent for monitoring, advanced security and Zero Trust network access

Leveraging Zscaler Cloud Platform - Simple, Fast and Reliable

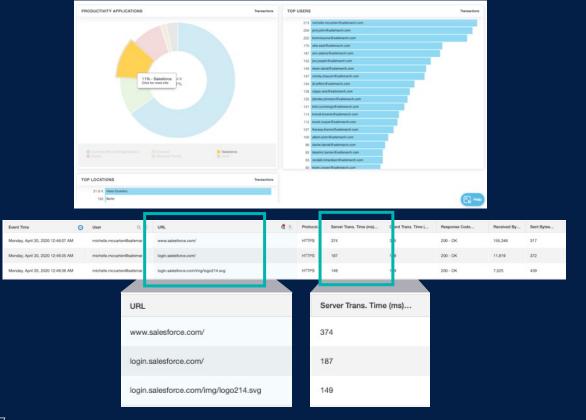


Enabling Identity Context Within Monitoring Workflows



- Integration with identity • providers such as Okta, Ping, Azure AD
- Correlation of user identity, department and geo-location of end-user with their performance issues
- Compare digital experience score distribution across users, departments and locations

Real User Monitoring From The Zscaler Cloud

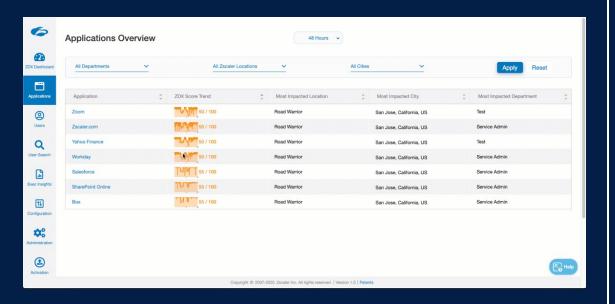


- Zscaler Internet Access (ZIA) log analytics provide real user data
- See application usage by user and location
- Drill into web transaction records with end user response times



SaaS/Web application performance monitoring

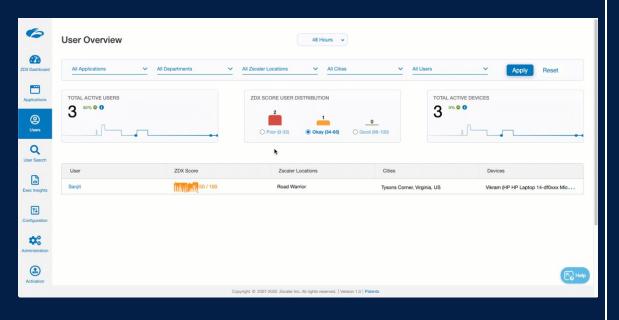
Proactive monitoring and diagnostics into application performance issues



- Isolate issues with the application/network provider
- Trend application performance over time
- Create alerts with granular filter options and subscribe to them via email and webhooks
- Baseline normal application performance to proactively identify degradations

End-user device health performance monitoring

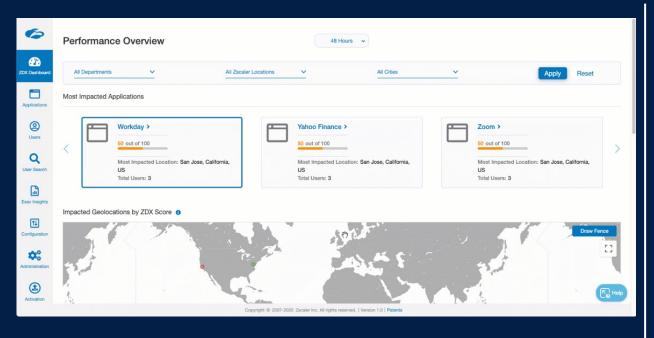
Reactive troubleshooting of end user performance issues



- Identify and alert user endpoint issues
- Troubleshoot network connectivity issues
- Enable live troubleshooting on endpoints and run packet captures
- Baseline user performance to compare against their regional or office peers

Regional and office performance monitoring

Proactive visibility and diagnostics into performance issues in an office or a region



- Isolate global versus regional versus individual issues
- Diagnose issues caused by WIFI, WAN, application provider or user endpoint
- Baseline normal location-based performance to proactively identify degradations



Business value



Reduce Operational Burden

Ops teams can do more will less. No monitoring probes to deploy and single unified endpoint agent is all that's needed

> Increased Ops **Productivity**



Increase operational insights

Ops teams can start with ZDX dashboard and get end-to-end visibility into user experience issues

Proactive resolution of enduser performance issues



Fast and Safe Adoption of Cloud Applications

Proactive monitoring and diagnosis of end-user experiences with new cloud applications will accelerate their adoption

> Increase agility and innovation



Monitoring value



Centralized Monitoring for End-to-end Visibility

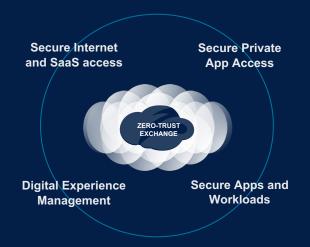


Catch & Prevent End-User Issues Faster



Quantify And Baseline User/Regional Digital Experiences

Next steps



Schedule a solution deep dive of ZDX https://www.zscaler.com/custom-product-demo

