BROADCOM

Product Brief

DX Application Performance Management

Key Benefits

- **Improve overall user experience** with proactive insights into app performance and the user journey.
- **Gain full-stack visibility** across end users, applications, and infrastructure for traditional, modern, and cloud-based applications.
- **Enable continuous improvement** and automate feedback across the software development lifecycle.
- **Achieve enterprise scale** and ease administration.

Key Features

- **Intuitive root-cause analysis** and anomaly detection to help pinpoint issues faster.
- **Relationship mapping** to visualize all components in your environment topologically with an option to drill-down across app, infrastructure, or network layers.
- **Task-relevant views** to help simplify and group complex topologies.
- **Guided triage** for deep-dive transaction analysis.
- **Timeline-based views** help show the impact of change and locate the origins of performance problems.
- **Automated, zero-touch deployment** simplifies the discovery and monitoring of container and cloud-based applications.
- **Customizable dashboards** for cross-domain analysis and tasked-based persona-driven views.
- **Simplified agent administration** and lifecycle management for easy configuration, deployment, and upgrades.

Improve Application Performance and Deliver Flawless User Experiences

Business Challenges

Applications are the face of your business and in an era where mobile and digital interactions reign supreme, delivering a positive user experience is essential to success. However, new modern application architectures and distributed cloud environments make it more complex to understand the real root cause of application and user issues mainly due to the inability to cipher through vast amounts of data and evaluate varying types of data sets that these environments produce. These challenges only add to the mounting list of difficulties that come with ensuring great performance:

- **Speed and complexity across the delivery chain** for applications require performance management that can support new, modern application architectures and that can span across physical and virtual environments and from on-premises to hosted components.
- **A wealth of data quickly becomes too much.** Billions of metrics a day require new approaches to visualization. Intelligent analytics must sift through the metrics and identify the relevant variables.
- **Mobile access and a digital user experience** can no longer be considered special but are requirements for the overall performance picture.
- **Performance must be tested continuously,** in both pre-production and post-production, to ensure customer satisfaction and retention.

In order to contend with these challenges, APM solutions must evolve to include AIOps capabilities to help correlate and analyze data across users, applications, infrastructure, and network services and apply machine learning and advanced analytics to deliver a new level of visibility and actionable insights.

Product Overview

DX Application Performance Management (DX APM) is a modern APM solution that helps organizations proactively identify and resolve issues across physical, virtual, container, cloud, and mobile applications. DX APM integrates seamlessly with our AIOps solution to provide AI/ML capabilities to help correlate and analyze data across users, applications, infrastructure and network services, understand the health of key business services, and reduce noise and false alarms to speed and automate root cause analysis.

The solution provides comprehensive, full-stack monitoring and analytics that uniquely position your organization to deliver positive user experiences that differentiate your business and allow your experts to focus only on impactful issues.

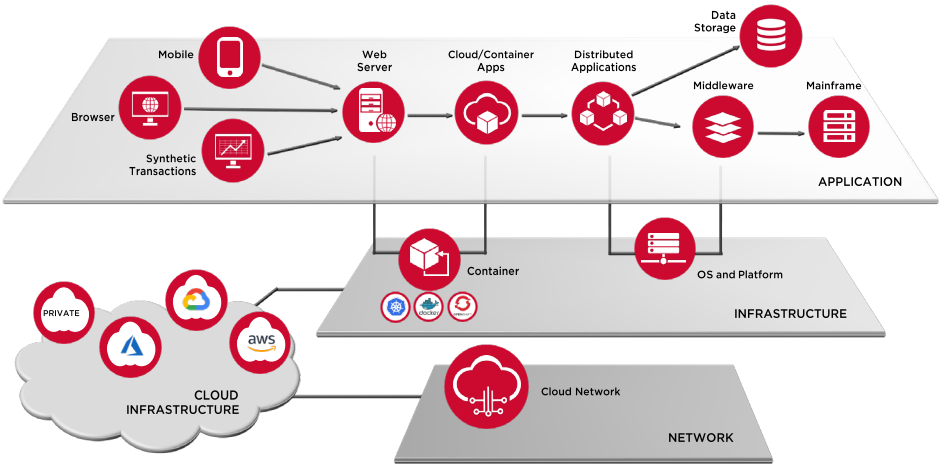
Supported Environments

- **Modern application support** with added functionality for Java, .Net, PHP, Node.js, Docker, Kubernetes, OpenShift, AWS, Google Cloud Platform and more.
- **Flexible delivery options.** DX APM is available on-premises or as a SaaS-based solution.

Related Products

DX Operational Intelligence: Transform user experience and improve operational efficiencies by reducing alarm noise, correlating data and combining analytics with automation to resolve issues faster.

Comprehensive Full Stack End-To-End Monitoring



Comprehensive Full Stack End-To-End Monitoring

With DX APM, operations and app teams can achieve the following goals:

- **Gain insights into digital experience.** DX APM enables users to gain a 360-degree view of user experience, performance, and app usage from both a real user and synthetic perspective.
- **Discover, trace and diagnose application issues.** DX APM automatically discovers, traces, and maps application dependencies from the user experience, applications to back-end supporting infrastructure providing metric correlation, crashes, code level insights, and diagnostics details across all layers.
- **Monitor modern application architectures.** DX APM is built to instantly detect, discover, and monitor microservices-based clusters, projects, services, pods, or containers together with hosted apps and underlying supporting infrastructure or cloud services for comprehensive insights into dynamically changing environments.
- **Collaborate across DevOps teams.** DX APM performance data is easily used across DevOps teams to ensure continuous performance improvements at every stage of the software lifecycle. DX APM has integrations with Runscope, BlazeMeter®, and Jenkins so application and operations teams can collaborate more effectively.
- **Deliver operational efficiencies with actionable intelligence.** DX APM utilizes our AIOps solution for analytics and machine learning techniques across various data types providing faster autonomous remediation and insights that help to drive better business outcomes and operational efficiencies.
- **Achieve enterprise scale and administration.** DX APM, built on an open and scalable architecture, quickly scales to meet the performance requirements of the most demanding environments, whether for cloud service providers, managed service providers, or large enterprises.

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For more product information: broadcom.com

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