Enhanced Application and User Experience Monitoring

The ability to ensure that a distributed workforce or user base has high performance access to centralized applications is something that all modern enterprises have in common. No matter how great the application is, the user experience - whether customers or employees - is instantly jeopardized if performance degrades.

There are many potential points of failure along the application delivery chain, and ownership is decentralized across different departments and providers. To avoid downtime, applications and the network need to be brought under a single point of view.

Kemp Flowmon helps you to understand the correlations between the quality of your customers' experience, application performance, and the impact on business outcomes. It offers a single dashboard with enhanced telemetry that shows exactly where the bottlenecks are and indicates what needs to be done to correct the issue.

> "The Kemp Flowmon solution is widely used in our company both by network and security engineers. Everyone receives the most important information necessary for their work."

orange™

Don't wait for users to call, act immediately!

A slow network will slow down applications, and a slow application will cause customers to leave and a workforce to sit idle. Without the proper toolset, you will only learn about user pain from a service desk call or a decline in revenue, which is too late.

Kemp Flowmon puts you in control of application and user experience. It monitors application response for every user and transaction to optimize the customer experience and help avoid loss of clients and worse, reputation damage. Whether the problem is on the user, network, backend, or provider side, the Kemp Flowmon solution cuts time-to-resolve by hours.

Automating Analytics

Autonomous root cause investigation of operational issues, saving hours or days.

Expert Experience

Built-in expert knowledge of error codes, the circumstances, and suggestions for remedial action.

Reducing Downtime

Detect an anomaly, capture and investigate the root cause and get a suggestion for remedial action automatically, in seconds.

Reducing # of Tools

Availability, capacity, troubleshooting, compliance, and forensics - with Kemp Flowmon, all under one hood without switching between screens.

Hard Evidence Anytime you need it

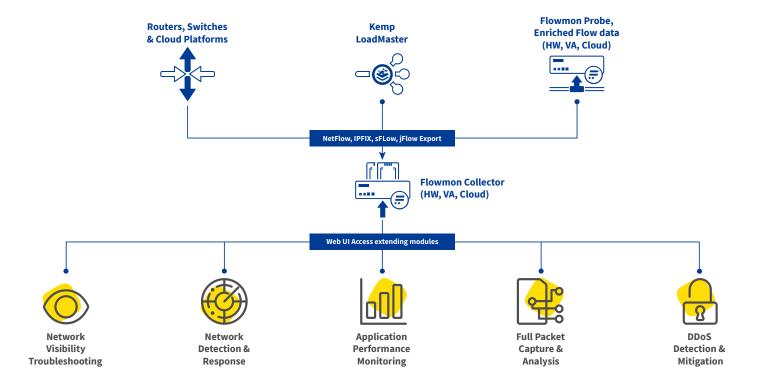Reduce noise by recording only what is essential and store it for post-compromise analysis and auditing.

30 mins
From deployment to dashboard insights

Day 0
Respond to incidents on Day 0

16x
Up to 16x faster time to resolution

Kemp Flowmon - Enhanced Application & User Experience Monitoring

Routers, Switches & Cloud Platforms

Kemp LoadMaster

Flowmon Probe, Enriched Flow data (HW, VA, Cloud)

NetFlow, IPFIX, sFLow, jFlow Export

Flowmon Collector (HW, VA, Cloud)

Web UI Access extending modules

Network Visibility Troubleshooting

Network Detection & Response

Application Performance Monitoring

Full Packet Capture & Analysis

DDoS Detection & Mitigation

How it works

The Kemp Flowmon collector gathers flow data, which is network telemetry information gathered from a number of different sources such as routers, switches or cloud platforms. Leveraging the Kemp Flowmon probe to take a full copy of the data creates enriched flow data to send to the collector.

Kemp Flowmon leverages a combination of synthetic testing and user experience monitoring based on measuring application telemetry as seen in the network. This ensures a holistic view of application availability and performance, providing clear visibility everywhere, including the cloud, and minimizing losses caused by application infrastructure and remote users.

Kemp Flowmon provides answers to questions like:

- Which users experience the worst application responses?
- Which transactions return error codes?
- How severe is the impact of remote access?
- What are the relationships between user and backend transactions?
- How much does the cloud provider's infrastructure slow down my application?
- Are my internal users productive?
- What are the long-term availability SLAs for my application?

The powerful detection engine combines machine learning with several other detection algorithms to identify even the most elusive anomalies and subtly disguised threats or application incidents. Upon detection, the admin is automatically alerted and predefined actions are triggered.

A Holistic Approach

User experience monitoring (or UXM) is an agentless and passive technology that monitors network traffic between users, web applications and backend servers, which it reconstructs and records. By measuring a variety of metrics, such as network transport time and application response time for every user, every transaction and every application component is tracked end-to-end by Kemp Flowmon.

53% of mobile users abandon sites that take over 3 seconds to load

thinkwithgoogle.com

This enables user experience and specific user interactions to be examined, representing the best way to monitor and troubleshoot applications that you own and deliver.

UXM is complementary to synthetic testing - a technology that leverages scripts to actively test applications based on predefined scenarios, providing an early-warning system for off-peak times when no users are interacting with the application, and thus UXM is not available.

Combined, the two approaches eliminate blind spots in the application delivery chain and ensure maximum availability of your mission-critical services.

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