



CLEVER Mobile® for Trace v8.2

Cloud Trace Analysis

CLEVER® Business Service Management

Key Features

App available for Android and iOS

Mobile app for trace generation for Android, and iOS expands in depth diagnostic support for mobile business applications.

CleverView for cTrace Analysis provides **mobile to mainframe trace** support required for cloud computing and big data analytics.

Protocol selectable trace parameter provides selected capture of specific packets allowing a knowledge worker to focus attention on a specific protocol issue.

Support for **IPv4 and IPv6** protocol allows IPv6 integration projects a smooth transition.

With multiple interfaces on mobile devices, the **interface option** assures capture of packets from the appropriate interface.

Traces are captured and stored with the ability to **list all captured traces** for detailed inspection.

The ability to **send a captured trace** as an email attachment to support teams for analysis eases the workload on the user to provide the support teams the needed details to fix an issue.

The ability to pull the captured trace into **CleverView for cTrace Analysis** allows teams the ability to use advanced functions like side-by-side comparison, packet decoding, and sequencing to resolve an issue.

AES CLEVER® Solutions offer unsurpassed diagnostic and performance monitoring and reporting for enterprise environments, especially as cloud computing, blockchain, and data analytics are implemented.

CLEVER Mobile® for Trace is an app that allows the capture of IP packet traces on Android and iOS mobile devices. As mobile devices are accepted as standard end user devices in enterprise businesses, the need to ensure deep dive diagnostic problem resolution to those devices is needed. The ability to start and stop traces with defined filters is the core function of the mobile app. The send function allows the transfer of the captured trace to the base product CleverView for cTrace Analysis for detailed analysis. With CleverView for cTrace Analysis Expert Analysis functions the ability of enterprise knowledge workers to be able to diagnose mobile performance bottlenecks, mobile application issues, and mobile device availability problems from development through deployment will reduce costs and improve problem resolution.

CleverView® for cTrace Analysis allows users to generate and analyze IP packet traces across multiple systems. The expert functions enhance diagnostic efforts, accelerating virtualization, cloud, application, and IPv6 deployments. It supports the z System from IBM®, open/distributed systems, and mobile devices resulting in user to server to mainframe deep dive analysis. Users now have expert analysis of network traffic for today's multi-architecture environments:

- ✓ z/OS®
- ✓ Linux®
- ✓ Linux on z System®
- ✓ Linux on LinuxONE
- ✓ z/VM®
- ✓ Android®
- ✓ iOS®
- ✓ z/OS®
- ✓ z/VSE®
- ✓ AIX®
- ✓ OSA Express
- ✓ Windows®
- ✓ HiperSockets
- ✓ UNIX
- ✓ IBM i®
- ✓ z/VSE®

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AES - The Business Service Management Company

Highlights of CleverView for cTrace Analysis:

- **App** available for Android and iOS
- **Mobile app** for trace generation for Android, and iOS expands in depth diagnostic support for mobile business applications.
- CleverView for cTrace Analysis provides **mobile to mainframe trace** support required for cloud computing and big data analytics.
- **Protocol selectable** trace parameter provides selected capture of specific packets allowing a knowledge worker to focus attention on a specific protocol issue.
- Support for **IPv4 and IPv6** protocol allows IPv6 integration projects a smooth transition.
- With multiple interfaces on mobile devices, the **interface option** assures capture of packets from the appropriate interface.
- Traces are captured and stored with the ability to **list all captured traces** for detailed inspection.
- The ability to **send a captured trace** as an email attachment to support teams for analysis eases the workload on the user to provide the support teams the needed details to fix an issue.
- The ability to pull the captured trace into **CleverView for cTrace Analysis** allows teams the ability to use advanced functions like side-by-side comparison, packet decoding, and sequencing to resolve an issue.

System Requirements

CLEVER Mobile for Trace:

Android: 4.0 and above
iOS: 5.0 and above

CleverView for cTrace Analysis v8.2:

PC Workstation: 2 GHz or above, 4GB RAM, 500MB available disk space; Microsoft Windows Server 2016, Windows 10.
CleverView for cTrace Analysis z/OS Mainframe Requirements: IBM z/OS Architecture, 500-1000 3390-type device tracks, z/OS V2R2 or higher.
z/VM packet trace requires z/VM 4.4 or later.
Linux and UNIX IP packet trace supports traces generated by the tcpdump command.



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