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AES Announces The Availability of BlockChainView™ For IBM z, IBM Power, IBM LinuxONE, and Open Systems Platforms

Menlo Park, CA – June 30, 2017 AES is pleased to announce the availability of [CleverView® for TCP/IP on Linux v2.8](#) with BlockChainView, historical Docker container and KVM performance reporting, and enhanced reports for KVM and Docker.

The highlight of this release is BlockChainView powered by Hyperledger Fabric, a blockchain framework and one of the Hyperledger projects hosted by The Linux Foundation. Distributed Ledger Technology (DLT) is the underlying infrastructure of Bitcoin a worldwide cryptocurrency. Based on an open architecture of blockchain the financial, government, insurance, health, and IOT sectors view this technology as an enabler for future business growth with microservices based on distributed ledger technology.

Hyperledger is an open source collaborative effort created to advance cross-industry blockchain technologies. It is a global collaboration including leaders in finance, banking, Internet of Things, supply chains, manufacturing and Technology. The Linux Foundation hosts Hyperledger under the foundation.

Viewing blockchain services can be challenging because of the large number and dynamic nature of the services. Keeping track of key blocks, transactions, and data like Peer Node, Port Number, Block Hash, Payload, and Transaction Results are critical to gain visibility into the ledger. Leveraging this information enables detection of anomalies in the blockchain behavior and services.

[CleverView for TCP/IP on Linux v2.8](#) introduces the following new features:

- BlockChainView (Optional Feature):
 - Blockchain ledger insight including certificate of transactor, chaincode ID, confidentiality level, bytes defining the payload, and the type of transaction.
 - Peer Network information including ID name, cryptographic ID of the peer, the peer address, and the type of peer.
- Historical DockerView and KVMView reports providing in-depth metrics for trend and capacity analysis to meet changing demands, increase efficiency, and optimize resource utilization.

These new functions enhance the existing rich features in [CleverView for TCP/IP on Linux](#) including:

- **DockerView™** with container insight including resource utilization, process information, image details and Docker system information.
- **KVMView** providing state, CPU count, memory used, max memory, and CPU used along with the ability to drill down into the TCP/IP statistics for the KVM selected
- **ClusterView** aggregates hosts with clear views allowing trending, pattern, and anomaly identification
- **LinuxView** and **Dashboard** identify performance bottlenecks, making them highly visible
- **OSA-Express** and **LinkView** warn of data slow-down and potential transfer failures
- **ProcessView** interrogates resource CPU and memory consumption for each process
- **PortMon** and **ConnectExpert** alert on TCP/IP protocol and application inconsistencies

The above functions of this release strengthen the ability of [CleverView for TCP/IP on Linux](#) to assist in problem resolution and performance monitoring leading to increased Linux and UNIX service availability, regardless of the hardware platform on which Linux or UNIX resides – open systems, Power, or z System including LinuxONE.

[CleverView for TCP/IP on Linux v2.8](#) is in managed availability as of June 30, 2017.

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