



AES Announces Docker Container Performance Monitoring - *DockerView™* For IBM z, IBM Power, IBM LinuxONE, and Open Systems Platforms

Menlo Park, CA – April 14, 2017 AES is pleased to announce [CleverView® for TCP/IP on Linux v2.7](#) with Docker container performance monitoring, an enhanced Dashboard, and expanded configuration options. Linux plays a major role in the cloud marketplace, but the application environment still has many problems across the life cycle. Length of time to develop and excessive resource utilization have been two major problems during application development and rollout. DOCKER containers make it easy for developers, system administrators, support teams, and others to quickly test, ship and run an application in a container. Using the concept of a container, the application software can be isolated from the environment streamlining the development lifecycle.

Monitoring DOCKER containers and the performance of container based applications can be challenging because of the large number and dynamic nature of containers running different microservices. Keeping track of key metrics and events like container details and container resource utilization are critical to gain visibility into the performance of the applications inside your container. Leveraging this information enables detection of anomalies in the container behavior, microservices and resource bottlenecks.

[CleverView for TCP/IP on Linux v2.7](#) introduces the following new features:

- **DockerView** – New function includes:
 - Container details including resource utilization and process information with the ability to drill down into specific containers.
 - Image details including repository and image ID with historical details.
 - Docker System Info displaying system-wide details for a given Linux node.
- **Enhanced Dashboard** – Several new options have been added including the ability to download a graph image, manipulate graph formats, display raw data, and a zoom features with one click navigation to view Alert Details from the Alerts Summary graph

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

- **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 v2.7](#) is in managed availability on April 14, 2017.

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