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Greetings from AES and BlockChainView Announcement!



Hope this email finds you doing well. Incredible advancements are happening in the IT world. I could not wait to share with you the latest.

June Greetings

As more enterprises are embracing the hybrid cloud architecture, both applications and operations are adapting new technologies to manage service levels, and to leverage the infrastructures to do things better, faster and more securely. Let us continue to examine some of the hottest trends in the hybrid cloud infrastructure world.

- The Docker/container technology is taking the IT industry by storm. It simplifies how applications are built, packaged and deployed. Docker's light weight operating system-level virtualization capability also makes it the ideal choice for enterprises to enable DevOps initiatives.
- The Hyperledger Project launched by the Linux Foundation offers distributed ledger technologies based on blockchain. It offers cost-effectiveness, speed, traceability and security for worldwide business transaction processing. We are already seeing more and more distributed ledger systems being implemented for supply chain, business contracts, asset depository, etc. to save time, reduce costs and enable new business models to interact with clients.
- LinuxONE and Linux on z Systems appear to be the best platforms for applications powered by Hyperledger Fabrics because of their reliability, security and performance. With the recent announcement of Docker EE support, LinuxONE and Linux on z Systems are even better positioned to be the platforms for the blockchain infrastructure.

Service Level Requirement: Performance and Security

These changes in application architecture also bring about new challenges in performance monitoring. Our IT mission still remains the same, which is to provide required service at reasonable cost. In order to meet the SLO (Service Level Objectives), we must establish the baselines and use the right monitoring tools to ensure that end to end response time is within the acceptable range for these new applications.

Mainframe security IDS and DNS integrity

The recent outbreak of the WannaCry ransomware was just another reminder of the paramount importance of security. Intrusion detections on the mainframes as well as the security and integrity of DNS services must complement firewalls and anti-virus measures to achieve end to end security.

AES News - DockerView and BlockChainView

On April 19, 2017, AES announced DockerView™ in **CleverView for TCP/IP on Linux** v2.7. It offers the following new features:



- DockerView
 - 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.

Please view the CleverView for TCP/IP on Linux 2.7 press release [here](#).



Today, I am pleased to announce the BlockChainView™ feature in CleverView for TCP/IP on Linux v2.8. The planned managed availability date is June 30, 2017.

- 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.

Please view the CleverView for TCP/IP on Linux 2.8 press release [here](#).

AES Solutions

CleverView® for TCP/IP on Linux

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CleverView® for cTrace Analysis

Multi-architecture end-to-end trace analysis

CLEVERDetect® for DNS

Secure DNS integrity beyond the firewall

CLEVERDetect® for IDS

Intrusion detection analyzer for z/OS

Thanks for your interest and support. We would love to hear your feedback and requirements. Please don't hesitate to contact me directly cliu@aesclever.com or support@aesclever.com.

Hope you will enjoy some time off and relaxation this summer.

Sincerely,

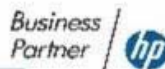
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