Leading Healthcare Provider Secures Nutanix Hyperconverged Infrastructure with GravityZone

THE CHALLENGE

A large Western European healthcare organization was looking to deploy new infrastructure to host an Electronic Healthcare Records (EHR) system supporting four hospitals.

The project goals were set as follows:

- Increased agility and responsiveness of EHR services to business and customer demands
- Improved EHR system availability (as interruptions could disrupt healthcare services in the entire city)
- Full compliance and impenetrable security of patient data
- Cost savings from consolidating individual EHR for four hospitals on one multi-tenant system

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GravityZone Security for Virtualized Environments provided best out-of-the-box integration and provisioning automation on Nutanix, including the ability to seamlessly transition from VMware ESXi to AHV with zero downtime.

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The customer is a major Western European healthcare organization servicing over 400,000 patients a year through its network of hospitals and clinics. The company provides both basic and highly-specialized medical care as well as leading education and research programs.

THE SOLUTION

The company built its EHR system's VDI infrastructure on Nutanix AHV and Citrix XenDesktop and protected it with Bitdefender GravityZone Security for Virtualized Environments. GravityZone was selected owing to the following unique capabilities:

- Best out-of-the-box integration and provisioning automation on Nutanix. After extensive research, the organization identified GravityZone as the only security platform that could automatically activate VDI agents on non-persistent virtual machines after a system restart (competitive solutions required running manual scripts to [re-]register agents after every reboot – a time-consuming manual task)
- GravityZone's ability to support a seamless transition from VMware ESXi to AHV with zero downtime
- Universal manageability, visibility, and security covering all virtual workstations as well as servers carrying patient data
- Lowest performance overhead promoting higher virtualization density.

THE RESULT

With Nutanix, Citrix, and Bitdefender, the healthcare organization simplified the VDI infrastructure and security stack, shortened time-to-value from months to weeks, and shifted focus from maintaining a complex and fragmented datacenter to enabling business-critical applications and supporting customers.

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We give GravityZone high scores on manageability, visibility, and protection as they pertain to our virtual workstations and servers carrying patient data. Last but not least, we are getting the higher consolidation ratios we were hoping for due to GravityZone's low performance overhead.

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