Distribyte Remedy

Distribyte Remedy, a hybrid cloud runtime platform, offers a disruptive application cloud migration solution for enterprise IT, development teams, and service providers. The platform allows businesses to gradually transition their running applications to public clouds and scale without re-architecting. To fulfill their vision, they needed a cloud storage service like Neutrix Cloud that enabled simultaneous access from multiple clouds.

ENABLING APPLICATION MIGRATION WITH MULTICLOUD STORAGE

Distribyte runtime supports Java and .Net environments. Its distributed nature provides existing applications with the benefits of modern cloud infrastructure, such as scalability, fault tolerance and global accessibility.
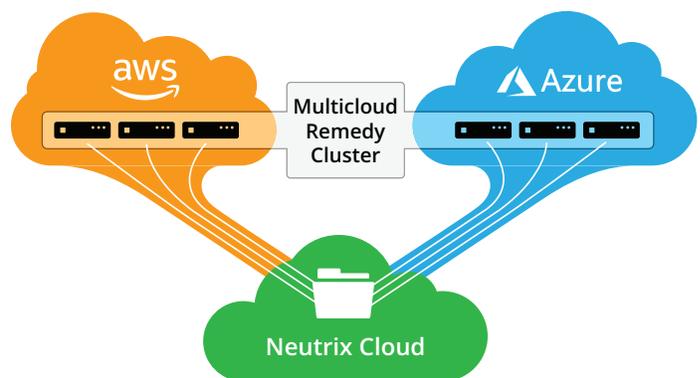
Remedy deployment consists of multiple agents running on a set of Virtual Machines. These agents form a logical cluster that communicate with each other in order to act as a single unit, executing customers' applications.

Reliable shared storage infrastructure is essential to operate Remedy clusters. Shared storage is used to preserve the state synchronized between multiple VMs, as well as as a paging space for high-memory distributed applications.

All major public clouds offer native options for storage. But an independent multi-cloud storage solution is required to provide Distribyte's truly distributed, redundant platform spanning AWS, Microsoft Azure, and other public clouds.

DISTRIBYTE PARTNERED WITH INFINIDAT TO ADDRESS THIS REQUIREMENT

Secure AWS Direct Connect and Azure ExpressRoute connections were established between Distribyte cluster instances in AWS and Azure from one side and an adjacent Neutrix Cloud region from the other. A shared NFS file system was provisioned and mounted on all VMs running in both clouds.

Dual connections were established between Distribyte regions and Neutrix Cloud to ensure better redundancy and throughput.

Remedy VMs were configured to automatically mount the shared NFS file system from Neutrix Cloud upon startup to enable elastic cluster capacity.

No code change was required for the Distribyte Remedy backend to consume NFS file systems from Neutrix Cloud, which allowed Distribyte to instantly transition from single cloud to cross-cloud cluster services.

Distribyte can now address enterprise customers' needs for true multicloud scalability, avoiding lock-in and resiliency concerns and enabling greater economic flexibility. To learn more about Neutrix Cloud and how it can help with your multicloud computing needs, visit INFINIDAT.com

"Neutrix Cloud storage provided us with consistent performance from AWS and Azure, with low latencies in the top 1% at half that of native storage in a single region. Additionally, there is no need for multi-storage replication which would impact data-consistency. And we can now use a single storage management API accessible across clouds."

GILAD EISENBERGER
Co-Founder and CTO