## Quorum onQ<sup>®</sup> Hybrid Cloud DRaaS

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Disaster Recovery as a Service

Quorum® onQ® is the global leader in 1-click, instant recovery, providing everything you need for immediate recovery of your critical systems after any storage, system or site failure. It does this by automatically maintaining up-to-date, ready-to-run virtual machine clones of your physical and virtual servers stored on a dedicated appliance, transparently taking over for failed servers within minutes.

For customers that don't have a secondary Disaster Recovery site, we offer a hybrid cloud Disaster Recovery as a Service (DRaaS) solution.



With the Quorum Hybrid Cloud solution, we get an onsite appliance for high availability, plus instant recovery via the cloud. We like that Quorum operates the DR site, since it minimizes management of a DR site for us and is much more cost-effective than if we had to maintain it ourselves.

**Randy Mateo** – IT Manager, *California Bankers Association* 

In the hybrid DRaaS model, a local onQ appliance captures snapshots of your production servers at user defined intervals to provide local High Availability (HA) services. Those snapshots are then securely streamed to the Quorum private cloud, providing a secondary snapshot, that can be used in the case of a local datacenter failure.

If a local datacenter failure occurs, the secondary snapshot is started, using the Quorum management console and users are redirected to the cloud image of their applications.



## **Quorum Private Cloud Features**

- 3 top tier data centers located on the East and West Coast US, and in the UK
- Regulatory compliance: HIPAA, PCI and SOC2
- Recently refreshed, modern scalable infrastructure based on ZFS Enterprise Architecture
- Over 400 customers under management representing over 2 PB of data
- Continuous availability with no unplanned downtime incidents for 4 years
- All data fully encrypted and all communications restricted to encrypted VPN channels



## **Quorum Cloud Architecture**

- All data in transit from HA to Cloud is Encrypted
- Each customer has an individual firewall
- Only VPN connectivity allowed
- Each Blade runs a hypervisor from SSD
- All Blades pool to share resources
- Blades create on demand NFS mounts to SAN for storage resources across 10GB backbone
- SAN Leverages Several NVMe Drives for cache
- ZFS on FreeBSD for stable enterprise platform
- SAN Provides Encryption at rest
- Storage is expandable to 2PB in a single POD
- Cloud consists of multiple PODS in a mesh design

## **ABOUT QUORUM**

Quorum enables IT teams to provide business continuity and the fastest recovery from server downtime in the industry. Our onQ product was first introduced in 2010 and has evolved into a powerful platform delivering backup, one-click instant recovery, deduplication, replication, automated recovery testing and extensible archiving, all delivered as a hardware appliance, virtual machine or as cloud based disaster recovery as a service (DRaaS).

With offices in the US and the UK serving customers worldwide, businesses of all sizes like the easy installation, flexible deployment options and fast recovery time. To learn more, visit us at **www.quorum.com** or follow us on twitter **@quorumlabs** 

