

Billing Platform Provider Moves Database Clusters to AWS, Maintains High Availability SLA

Customer Case Study

Challenge

In order to accelerate roll-out of new SaaS product offerings, Aria Systems decided to use AWS Elastic Compute Cloud for all of their infrastructure including HA database backend running Oracle RAC. The database team approached FlashGrid looking for a solution that would enable running Oracle RAC in AWS.

Solution

FlashGrid Storage Fabric and FlashGrid Cloud Area Network software enabled the SaaS Provider to deploy Oracle RAC clusters in AWS. Example of a production configuration:

- Two Oracle RAC database nodes: r4.16xlarge
- Storage: 16 TB on EBS general purpose SSD volumes
- Oracle Database ver. 11.2.0.4
- Oracle Grid Infrastructure ver. 12.2.0.1
- Oracle Linux 7
- FlashGrid Storage Fabric ver. 18.01
- FlashGrid Cloud Area Network ver. 18.01

FlashGrid Cloud Provisioning tool automated the process of creating clusters, reduced the deployment time down to 2 hours per cluster, and made the process repeatable.

Results

Aria Systems database team is now able to deliver Oracle RAC clusters for new applications within two weeks instead of six months while providing the same level of availability to their customers.



Aria Systems helps businesses around the globe effectively monetize their products and services and efficiently engage and serve their customers. Aria provides the only cloud-based platform that is both robust and scalable enough to help enterprises seize new market opportunities and meet customer demands by rapidly deploying monetization models and quickly delivering new plans and packages.

www.ariasystems.com

“With FlashGrid and AWS we can now deploy a new application within two weeks instead of six months, without compromising our availability SLA.”

David Urban
VP Operations, Aria Systems