Databases Simplified

The expense of maintaining on-premises infrastructure that doesn't support the demands of today's applications requires action. Moving a database to the cloud can alleviate most of the performance concerns, however, moving a database from on-premises to the cloud has its own set of risks.

When shifting a database application to the cloud, specialists must ask the following questions:

1. How do I secure the database while maintaining accessibility?

2. When volumes grow will the environment change and scale with it?

3. How do I prevent data gravity issues?

4. How do I ensure access to my database isn't compromised?

5. What if I make a mistake? How do I fix it?

6. What do I do with all the legacy apps running on-prem? Can I shift those to the cloud without rearchitecting or refactoring?

NetApp® Cloud Volumes Service for AWS helps simplify the complexity of running your database applications in the cloud without compromising performance.

As a fully-managed file storage service, NetApp Cloud Volumes Service for AWS provides the advanced database capabilities that developers and users need, while simplifying operations and controlling the cost of moving to, and using data on, the cloud.
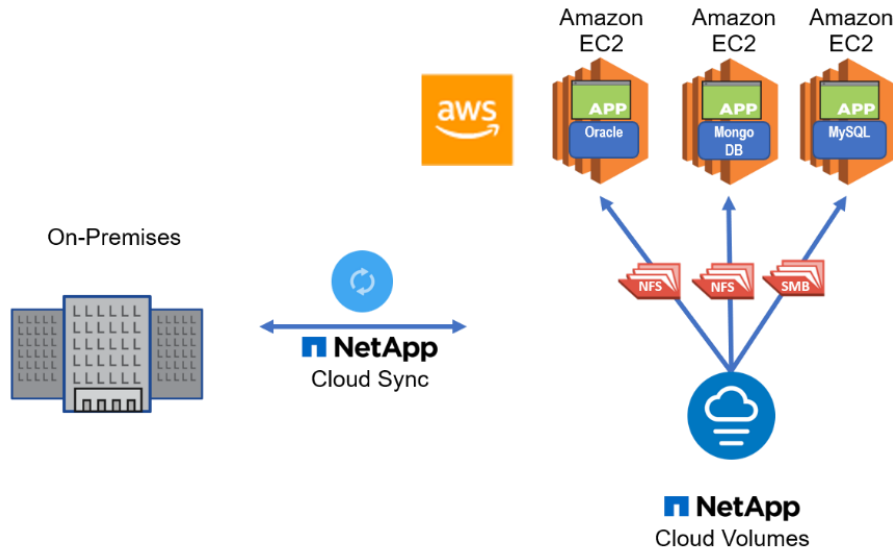
✓ Built-in, always-on encryption allows protection without performance impact

✓ Scalability allows customers to create volumes up to 100TB in as little as 8 seconds

✓ Snapshot™ to protect and restore your data

✓ Run NFS and SMB on the same volume

✓ Supports all major database platforms from Oracle to MySQL, MongoDB to Microsoft SQL Server

✓ Enables rapid, two-way data movement between on-premises and AWS with NetApp Cloud Sync

NetApp Cloud Volumes Service provides file storage for AWS based on ONTAP® technology, reducing compute resources and storage needs without compromising performance. Simple to provision and manage, Cloud Volumes Service file storage gets you to the cloud faster, and enables

- Data security and data protection
- Ability to clone workspaces
- Automated dev/test environments to remain in sync with production to support continuous release cycles for faster time-to-market
- Mission critical applications can be moved to the cloud leveraging Cloud Sync, including most major databases like Oracle, MongoDB, MySQL and SQL Server

NetApp Cloud Volumes Service for AWS enables database migration quickly and securely to deliver the power of the cloud, simply.

Figure 1: Run your database workloads on Amazon EC2 and manage your NFS and SMB data with Cloud Volumes Service for AWS.

NetApp Cloud Volumes Service makes buying easy through the AWS Marketplace
- Buy pre-sized or combine bundles for larger capacities
- Extreme offering > 8000 IOPs* and 128 MB throughput per TB

Sign up to NetApp Cloud Central to explore NetApp Cloud Data Services including Cloud Volumes Service https://cloud.netapp.com.

Sign up for Cloud Volumes Service for AWS today www.netapp.com/aws.