



Migrate Container Workloads to AWS/GCP

NetApp Solutions

NetApp
October 20, 2023

This PDF was generated from <https://docs.netapp.com/us-en/netapp-solutions/rhhc/self-managed/rhhc-sm-data-migration.html> on October 20, 2023. Always check docs.netapp.com for the latest.

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Data migration using Astra Control Center

This page shows the data migration options for container workloads on Red Hat OpenShift clusters with Astra Control Center (ACC). Specifically, customers can use ACC to

- move some selected workloads or all workloads from their on-premises data centers to the cloud
- clone their apps to the cloud either for testing purposes or move from the data center to the cloud

Data Migration

To migrate application from one environment to another, you can use one of the following features of ACC:

- replication
- backup and restore
- clone

Refer to the [data protection section](#) for the **replication and backup and restore** options. Refer [here](#) for additional details about **cloning**.



Astra Replication feature is only supported with Trident Container Storage Interface (CSI). However, replication is not supported by nas-economy & san-economy drivers.

Performing data replication using ACC

The screenshot displays the Astra Control Center (ACC) interface for configuring data replication. The left sidebar shows navigation options: Dashboard, Applications, Clusters, Cloud instances, Backends, Buckets, Account, Activity, and Support. The main panel is titled 'ghost' and shows the 'APPLICATION STATUS' as 'Healthy'. Below this, it indicates 'Data protection' is configured. The 'APPLICATION PROTECTION' section shows 'Fully protected' with three status indicators: 'Protection policy configured', 'Replication policy configured', and 'Snapshot policy configured'. A 'Cluster' dropdown is set to 'ocp-cluster?'. The 'Data protection' tab is active, showing a 'Configure' button. The 'Replication' tab is also visible, showing a 'Replication relationship' with 'STATUS' as 'Healthy' and 'Established'. The 'SCHEDULE' section indicates 'Replicate snapshot every 5 minutes to ocp-cluster?'. The 'LAST SYNC' section shows '2023/04/26 19:14 UTC' and 'Sync duration: 30 seconds'. A diagram at the bottom illustrates the replication process: a 'Source' application (ghost) is connected to a 'Destination' application (ghost) via a replication arrow. The source application is shown with 'ghost' and 'ghost-prime' components, while the destination application is shown with 'ghost' and 'ghost-prime' components. An 'Action' button is visible below the source application.

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