



View the health and details of an app

Project Astra

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View the health and details of an app

After you start managing an app, Astra provides details about the app that enables you to identify its status (whether it's healthy), its protection status (whether it's fully protected in case of failure), the pods, persistent storage, and more.

The screenshot displays the Astra management interface for an application named 'mariadb'. At the top, the app's status is 'Healthy' and its protection status is 'Unknown'. Below this, there are tabs for 'Overview', 'Data protection', 'Storage', and 'Resources'. The 'Overview' tab is selected, showing a table of pods. The table has columns for 'Pod', 'Ready', 'Node', and 'State'. Two pods are listed: 'mariadb-master-0' and 'mariadb-slave-0', both with a 'Ready' status and 'Available' state.

Pod	Ready	Node	State
mariadb-master-0 component: master, release: mariadb, statefulset.kubernetes.io/pod-name: mariadb-master-0 +2	✓	gke-mueller-astra-demo-w-default-pool-796bc11f-vw...	Available
mariadb-slave-0 release: mariadb, statefulset.kubernetes.io/pod-name: mariadb-slave-0, app: mariadb +2	✓	gke-mueller-astra-demo-w-default-pool-796bc11f-0jx...	Available

Steps

1. Click **Apps** and then click the name of an app.
2. Click around to find the information that you're looking for:

App Status

Provides a status that reflects the app's state in Kubernetes. For example, are pods and persistent volumes online? If an app is unhealthy, you'll need to go and troubleshoot the issue on the cluster by looking at Kubernetes logs. Astra doesn't provide information to help you fix a broken app.

App Protection Status

Provides a status of how well the app is protected. An app is either Fully Protected (it has a recent backup), Partially Protected (it has a data protection schedule or active snapshots, but no recently successful backup), or it's Unprotected.

You can't be fully protected until you have a recent backup. This is important because backups are stored in an object store away from the persistent volumes. If a failure or accident wipes out the cluster and its persistent storage, then you need a backup to recover.

Overview

Information about the state of the pods that are associated with the app.

Data protection

Enables you to configure a data protection policy and to view the existing snapshots and backups.

Storage

Shows you the app-level persistent volumes. The state of a persistent volume is from the perspective of the Kubernetes cluster.

Resources

Enables you to verify which resources are being backed up and managed.

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