



View the health and details of an app

Astra

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After you start managing an app, Astra Control 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 shows the Astra Control interface for an application named 'jenkins-jenkins'. At the top right, there is a green 'Available' status button. Below this, two main status boxes are visible: 'App Status' showing a green checkmark and 'Healthy' label, and 'App Protection Status' showing a blue 'i' icon and 'Partially Protected' label. Below these are four informational sections: 'Images' (docker.io/bitnami/jenkins:2.277.1-debian-10-r2), 'Protection Schedule' (Every hour on the hour, Daily at 02:00 (UTC), Weekly on Mondays at 02:00..., Every 1st of the month at 02:00...), 'Group' (jenkins, app.kubernetes.io/...), and 'Compute' (ben-cluster). A navigation bar below these sections includes 'Overview', 'Data protection', 'Storage', 'Resources', and 'Activity'. Below the navigation bar is a search bar and a table of pod entries. The table has columns for 'Pod', 'Ready', 'Node', 'Created', and 'State'. One entry is shown: 'jenkins-7c9c88f745-dxqg2' with a green checkmark in the 'Ready' column, 'gke-ben-cluster-default-pool-6e469af1-j0xx' in the 'Node' column, '2021/04/07 16:19 UTC' in the 'Created' column, and an 'Available' status button in the 'State' column.

Pod	Ready	Node	Created	State
jenkins-7c9c88f745-dxqg2 app.kubernetes.io/instance: jenkins, app.kubernetes.io/managed-by: Helm +2	✓	gke-ben-cluster-default-pool-6e469af1-j0xx	2021/04/07 16:19 UTC	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 Control doesn't provide information to help you fix a broken app.

App Protection Status

Provides a status of how well the app is protected:

- **Fully protected:** The app has an active backup schedule and a successful backup that's less than a week old
- **Partially protected:** The app has an active backup schedule, an active snapshot schedule, or a successful backup or snapshot
- **Unprotected:** Apps that are neither fully protected or partially protected.

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. A snapshot wouldn't enable you 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.

Activity

The Astra Control activities related to the app.

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