Production Deployments

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On-Prem to GCP

Walk-through

This walk-through will guide you through the steps to deploy a production Velostrata environment which is equipped to migrate systems from on-prem to GCP. It will leverage articles from our official documentation.

Overview

For more information on the Velostrata solution, including capabilities, terminology, technology, and networking, please read through this section.

GCP Pre-requisites

Before deploying Velostrata, you'll need to complete some pre-requisites in GCP first which are outlined here.

Velostrata Appliance Installation

Once pre-requisites are met in GCP, you can proceed to installing the Velostrata deployment by following this guide here.

Velostrata Cloud Extension Installation

After the on-prem appliance is installed, we'll need to install Cloud Extensions GCP as well by following these steps here.

For more detailed information on Cloud Extensions, see this guide here.

Using Velostrata

Once the Velostrata appliance and Cloud Extension are installed, you're ready to start migrating systems from on-prem to GCP. Instructions for some of the most common operations can be found here:

- Migrating Workloads directly from vCenter
  - Planning & Overview
  - Performing Migrations (see 'Run on-prem VM in GCP')
  - Advanced Operations
- Batch Migration / Ordered Migration
- Monitoring

For all Velostrata operations, please refer to this guide here.

[Optional] Migrating VMs from AWS to GCP?

If you're also migrating VMs from AWS and into GCP, please complete the following additional steps:

- AWS Pre-requisites
- Install Velostrata appliance in GCP
- Creating Cloud Extension in GCP

For complete steps on setting up a Velostrata deployment for AWS to GCP migrations, see this guide here.

Getting Help

Stuck on your deployment? Reach out so we can help.

AWS to GCP

Walk-through

This walk-through will guide you through the steps to deploy a production Velostrata environment which is equipped to migrate systems from AWS to GCP. It will leverage articles from our official documentation.

Overview

For more information on the Velostrata solution, including capabilities, terminology, technology, and networking, please read through this section.

GCP Pre-requisites

Before deploying Velostrata, you'll need to complete some pre-requisites in GCP first which are outlined here.

AWS Pre-requisites

You'll also need to configure AWS properly by using the steps outlined here.

Velostrata Appliance Installation(s)

Once pre-requisites are met in GCP, you can proceed to installing the Velostrata deployment within GCP. You can do that using guide here, which outlines how to add a Cloud Extension to GCP from the Velostrata Web Manager (appliance in GCP).

If you ALSO have systems to move from on-prem, you must also install a Velostrata appliance on-prem by following this guide here.

Velostrata Cloud Extension Installation

Once we've installed the Velostrata appliance(s), we'll need to install Cloud Extensions in GCP by following these steps here.

If you ALSO have systems to move from on-prem, you must also install a Cloud Extension in vCetner by following these steps here.

For more detailed information on Cloud Extensions, see this guide here.

Using Velostrata

Once the Velostrata appliance and Cloud Extension are installed, you're ready to start migrating systems from on-prem to GCP. Instructions for some of the most common operations can be found here:

- Migrating Workloads directly from vCenter
  - Planning & Overview
  - Performing Migrations (see sections 'Run on-prem VM in GCP' and/or 'Run AWS VM in GCP' as appropriate)
  - Advanced Operations
- Batch Migration / Ordered Migration
- Monitoring

For all Velostrata operations, please refer to this guide here.

Getting Help

Stuck on your deployment? Reach out so we can help.