

Planning Your Edge Management Deployment

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Contents

Edge Management cluster definitions.....	4
Edge Management cluster layout.....	4

Edge Management cluster definitions

There is one Edge Management cluster definition available to deploy Edge Flow Manager in Cloudera on cloud: Edge Flow Management Light Duty for AWS.

This cluster definition supports installing Edge Flow Management clusters running Edge Flow Manager. During Technical Preview, Edge Flow Manager is delivered as a 1-node deployment. No heavy duty/clustered deployment is available. Cloudera will provide a heavy duty template with a 3-node Edge Flow Manager cluster in a later release of Cloudera on cloud.

Edge Management cluster layout

Learn about the layout, capacity, and components of the Edge Management cluster definitions in Technical Preview.

The Cloudera Data Hub service includes a default cluster definition called Edge Flow Management Light Duty. The cluster definition is available for AWS, Azure, and GCP. You can use it in development, testing, or proof of concept scenarios.

The light duty cluster has the following specifications:

- Single node with a single component:
 - Edge Flow Manager is co-located with Cloudera Manager, running on the management node.
- Instance types for the single node:
 - AWS: m5.2xlarge
 - Azure: D8_v3
 - GCE: e2-standard-8
- Storage requirements:
 - AWS: 100 GB EBS
 - Azure: 100 GB Standard_LRS
 - GCE: 100 GB PD-Standard

You can use the Edge Flow Management: Light Duty cluster definition in development, testing, or proof of concept scenarios.

**Note:**

When you create an Edge Flow Management Light Duty cluster, a non-HA PostgreSQL RDS instance is provisioned and is used by the Edge Flow Manager.