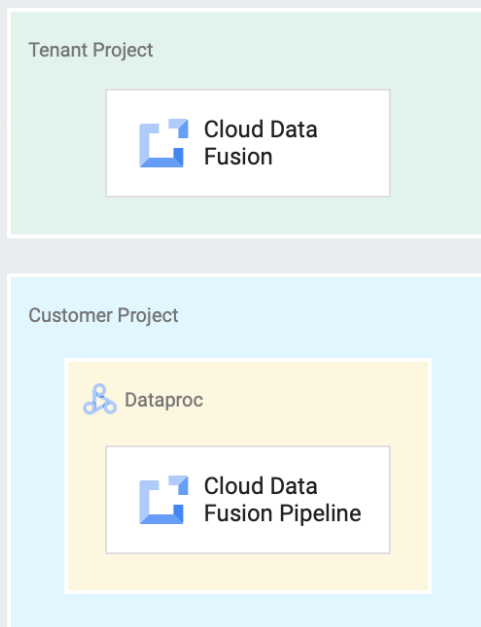# Cloud Data Fusion service accounts

Cloud Data Fusion sets up <u>service accounts</u> (/iam/docs/service-accounts) to access resources in the following projects:

1. **Tenant project**: Cloud Data Fusion creates and owns this project. When a customer creates a Cloud Data Fusion instance, it runs in this project.

2. **Customer project**: The customer creates and owns this project. By default, Cloud Data Fusion creates an ephemeral Dataproc cluster in this project to run the customer's pipelines.

## Service account table

| Service account | Description |
| --- | --- |
| cloud-control2-datafusion@system.gserviceaccount.com | Attached to Cloud Data Fusion instances in the tenant project. This the project's control plane, and deploys Cloud Data Fusion across b project. |

| Service account | Description |
| --- | --- |
| **tenant-project-id**-compute@developer.gserviceaccount.comSQL. | Used by the GKE cluster in the tenant project to access resources, |
| cloud-datafusion-management-sa@**tenant-project-id**.iam.gserviceaccount.com | Currently, this service account is not created or used. It is output as (/data-fusion/docs/reference/rest/v1beta1/projects.locations.instances for use in peering—see Set up VPC Network Peering (/data-fusion/docs/how-to/create-private-ip#set_up_network_pe |
| service-**tenant-project-number**@gcp-sa-datafusion.iam.gserviceaccount.com | Used in the tenant project to access customer project resources, fc during Preview, from Wrangler, and to create the Dataproc cluster i |
| **customer-project-number**-compute@developer.gserviceaccount.com | By default, used by Dataproc cluster VMs to access resources duri accounts in Dataproc (/dataproc/docs/concepts/configuring-clusters/service-accounts Cloud Data Fusion Enterprise edition (/data-fusion/pricing#comparison_of_basic_and_enterprise_editi from a different service account by creating a profile from the Clou Admin→Configuration tab and adding the custom service account |

**Cloud Data Fusion** | Profiles

─ Service Account ─────────────────────
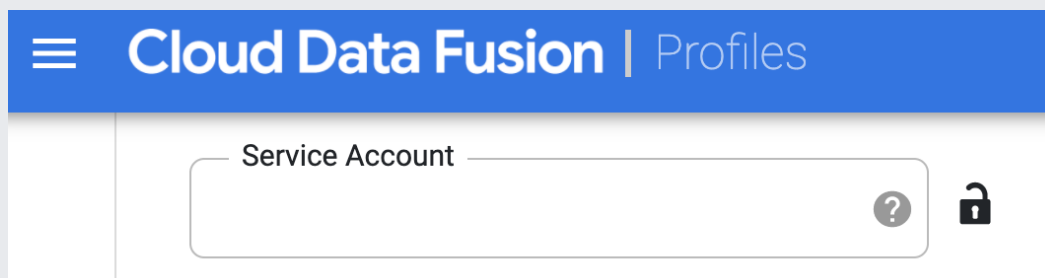
## What's next

- Learn about key Cloud Data Fusion concepts and features (/data-fusion/docs/concepts/overview).

- See Cloud Data Fusion pricing (/data-fusion/pricing).

Last updated 2020-07-06 UTC.