

Secure Distributed Computation at Scale

Your team needs to build data engineering pipelines and data science workflows at scale. But your job is to make sure that your infrastructure is secure, authenticated, and cost-contained. Coiled fits within your existing cloud architecture and gives you complete control over your distributed Python workloads and teams.

Private Cloud



Run in your cloud account

Provision Dask clusters in your AWS, Azure, or GCP account

Use your existing security with your data access controls and compliance standards

[More information on Private Cloud](#)

Security



Keep sensitive information secure

Manage TLS/SSL certificates on the Dask scheduler/workers

Access to all data occurs within your private cloud and communications are encrypted

[More information on Security](#)

Authentication

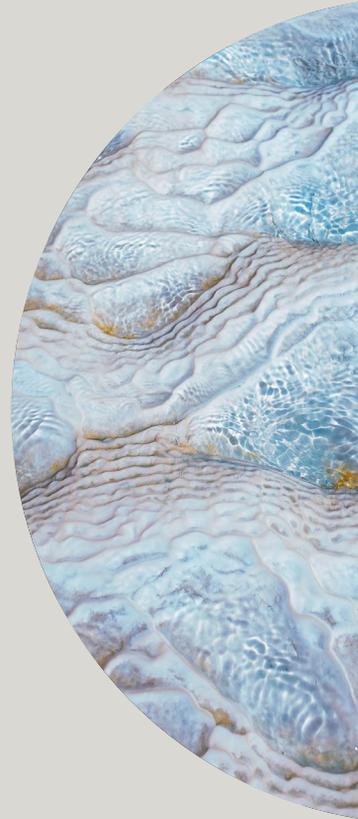
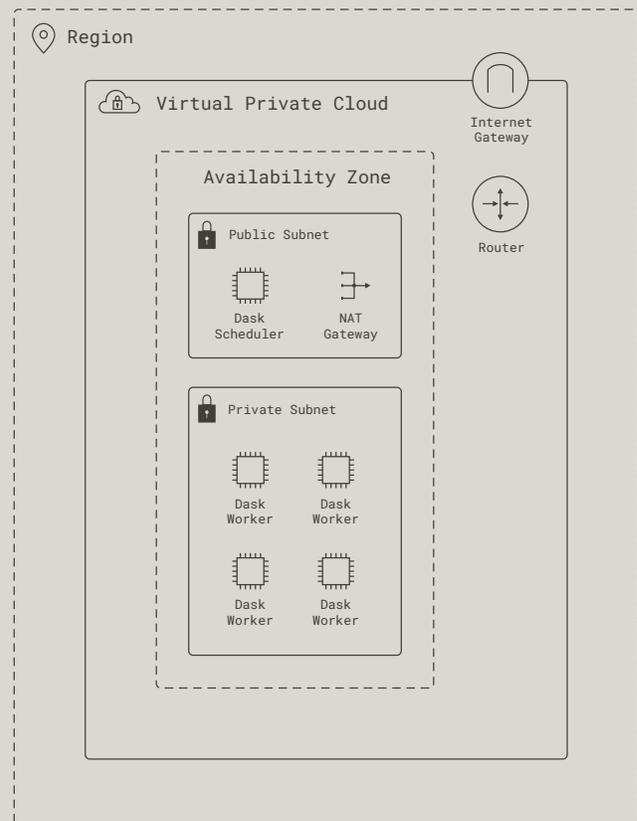


Authenticate using industry standards

Authenticate via email, Google account, or GitHub account

Utilize API keys for the authorization and management of Dask clusters

[Learn More or Try Coiled on Private Cloud](#)



Teams



Enable teams and control costs

Access control

- Govern access with shared Coiled team account
- Control software environments and cluster configurations

Cost control

- Set spending limits and quotas for the team or by user
- Report on historical costs and usage
- Observe team utilization and tune for cost savings

[More information on Teams](#)

Credentials



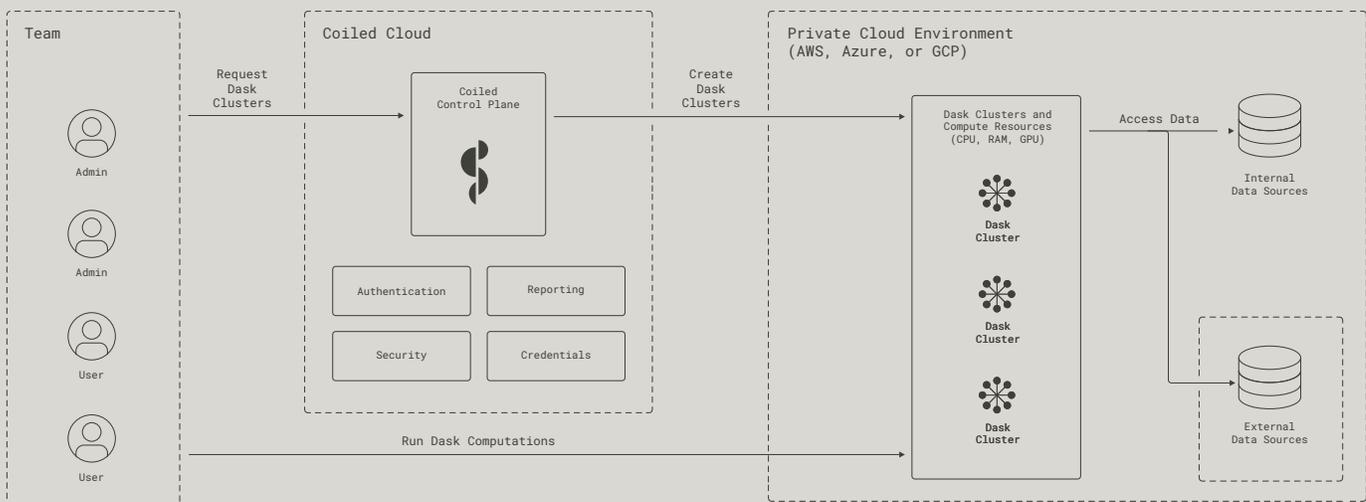
Pass-through authentication

Handle secure forwarding of credentials to Dask clusters by delegating tokens via Amazon STS to access data sources on AWS

Eliminates the need to send AWS credentials outside of your machine

[More information on Credentials](#)

Architecture



About

Coiled scales Python to the cloud for data professionals. Based on Dask, the leading Python-native solution for distributed computing, Coiled has hosted more than 100M tasks for data professionals, scientists, and researchers around the globe including Capital One, Anthem Health, and the Air Force to solve challenges in business, research, and science.

Coiled is a remote-first company with the best and brightest working from around the globe.

Founded by the initial author of Dask, Coiled is on a mission to create a platform that gives Data Scientists the power of the cloud and machine learning, freeing them from today's limitations so they can solve important problems.