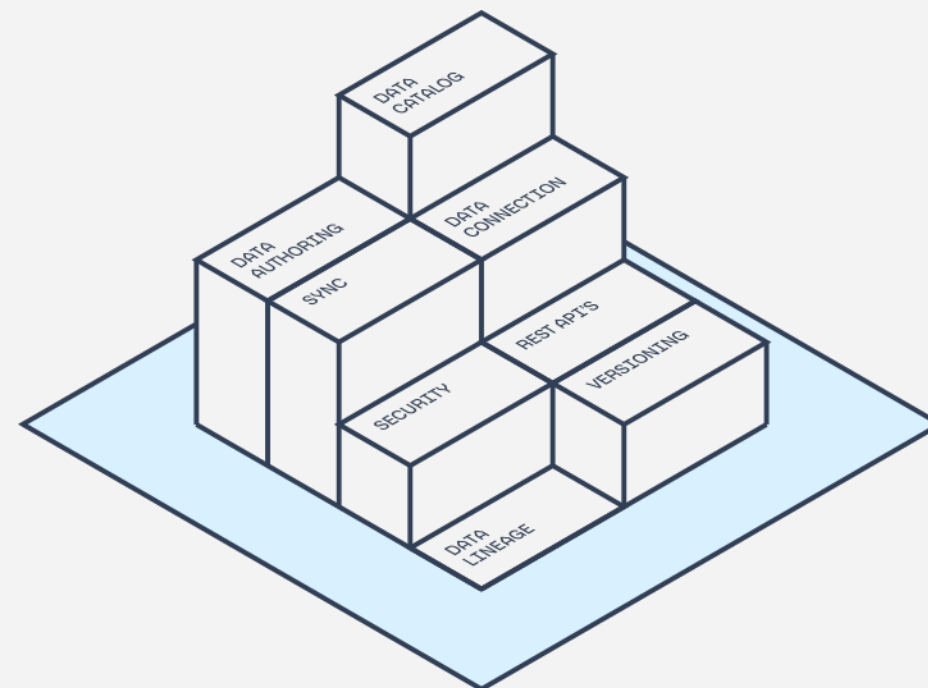


# Foundry Technical Onboarding

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# Intro to Palantir

Palantir enables organizations to solve their hardest problems using data.

Headquarters

[Denver, CO](#)

Founded

[2004](#)

Employees

[2,400](#)

Offices worldwide

[20+](#)

## SOME OF OUR PARTNERS

MERCK



CREDIT SUISSE



AIRBUS



U.S. DEPARTMENT  
OF DEFENSE



Swiss Re

## INDUSTRIES WE WORK WITH

Defense



Energy



Media



Intelligence



Law Enforcement



Automotive



Disaster Response



Aviation



Humanitarian Aid



Manufacturing



Healthcare



Telecom



Finance



Regulatory



Cybersecurity



Shipping



Logistics



Insurance



Pharma



CPG



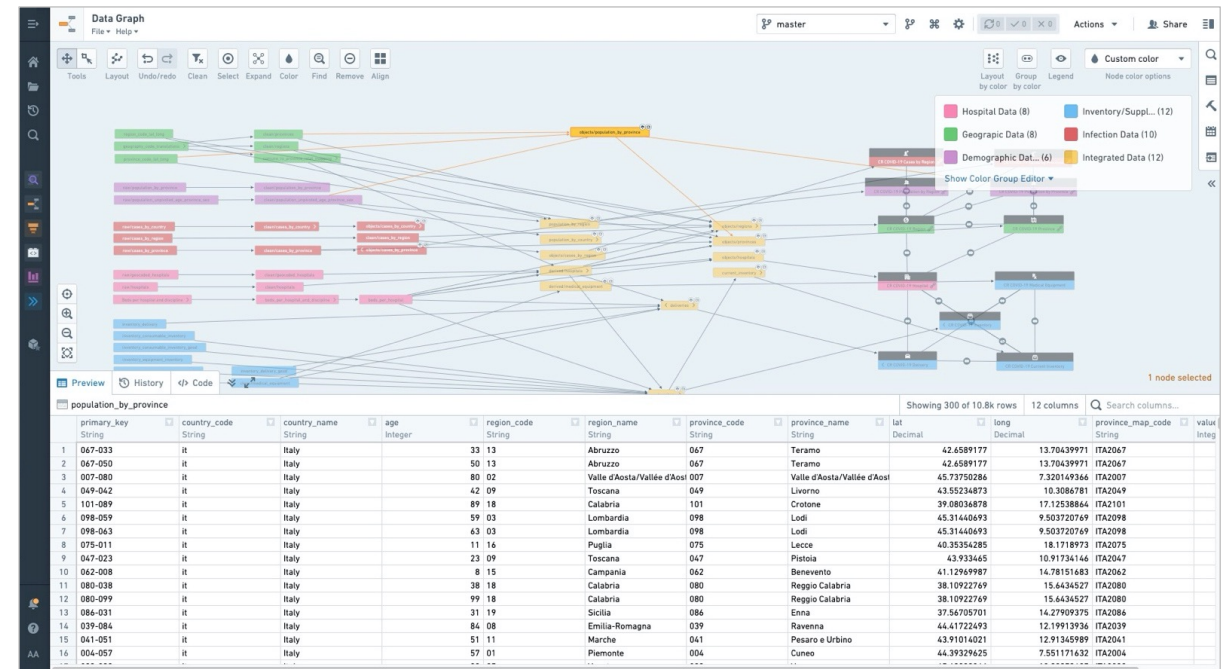
Tech



# Foundry is Palantir's managed SaaS for deriving decisions from data

Foundry unifies organizations around their central mission, enabling them to become fully digital “connected organizations”:

- Integrated data operations
- Git-style branching & collaboration
- Full data & logic lineage
- Automatic propagating security & governance
- Operational application suite of tools



# Foundry is Palantir’s managed SaaS

Foundry includes industry-standard and advanced backing platform features.



## Autoscaling Infrastructure

Foundry incorporates an autoscaling infrastructure that scales based on your immediate compute needs



## Managed SaaS

Palantir Cloud Operations Infrastructure alerting, monitoring & support to ensure performance



## Microservice Architecture

Modular software development without user downtime or broader impact



## 24/7/365 Monitoring & Support

Palantir Cloud Operations Monitoring & Support



## Continuous Delivery & Automated Upgrades

Rapid online upgrades and patching without system-wide effects



## High Availability & Disaster Recovery

Designed and deployed with High-Availability & Disaster Recovery in the case of critical failures



## Encryption in-transit & at rest

Data, applications, and communications are encrypted throughout Foundry



## Single-Sign On and Access Control

Control access into & within Foundry through existing Single Sign-On identity providers

# Foundry gives customers best-in-class security controls

Foundry has a robust set of operational security primitives natively built into the platform, giving you the necessary tools to enforce proper control over your data.

- Permission by users and nest-able groups
- Role-based access controls
- Propagating security model
- Granular Permissions / Row-level Security
- Admin Permissions View

The screenshot displays the 'GROUP DETAILS' interface in Foundry. It is divided into several sections:

- Group Information:** Includes fields for Name (Internal Group), Group ID (1d5430ddc-0fc9-435c-87c9-3f76ecfb41d7), and Description (This is an internal group with some description).
- Attributes:** A table with Key and Value columns. It shows 'multipass:realm' with value 'palantir-internal-realm' and 'custom' with value 'custom-value'.
- Members (3 users, 1 group):** A table listing group members with columns for Name and Realm. Members include 'admin (admin admin)' (multipass, Added), 'alicesmith (Alice Smith)' (palantir-internal-realm), 'johnsmith (John Smith)' (palantir-internal-realm, Removed), and 'Platform Administrators' (multipass).
- Group details sidebar:** Contains sections for 'Manufacturing Use Case' (Add description...), 'Group ID' (ef9c6624-be53-4a96-8e0a-fc4ff1927...), 'Organization' (This group is visible to anyone who can see Manufacturing's users and groups. Manage organization...), 'Owner (2)' (Manage, Can manage administrators and members of this group. AA PO), 'Administrator (1)' (Manage, Can manage members of this group. C), and 'Member (8)' (Manage, Users who are members of this group. UC 0 1 0 W A +2).

At the bottom, there is a section for 'Add users and groups' with a search bar and a 'Cancel' button.

Foundry **integrates seamlessly with your existing Identity Manager/Provider**, enabling full end-to-end access administration and management in your existing system.

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# Foundry's environment is secured and monitored

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Foundry operates with a robust security-focused infrastructure, leveraging state-of-the-art security practices and protocols

## Encryption in transit and at rest

- Communication between services occurs over TLS 1.2+, only encrypted HTTPS endpoints are exposed and strict Ingress/Egress rules are enforced for the platform
- All storage layers, including object stores, block storage, and disk volumes, are secured with server-side encryption

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## Vulnerability management

- Palantir's Information Security team performs continuous internal penetration testing and security reviews, as well annual third-party penetration tests that cover white, gray, and black box testing of user interfaces and back-end APIs

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## Audit logs

- Application audit logs can be made available for the customer to ingest into their existing SIEM for further analysis and monitoring of user actions within Foundry

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# Certifications and Attestations

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Palantir maintains rigorous, externally verified infrastructure and operations standards.

Foundry is **externally certified** for the following baselines:

1. SOC 2 Type II
2. ISO 27001, ISO 27017 and 27018
3. FedRAMP Moderate (Foundry for US Government)
4. US DoD Impact Level 5 (Foundry for US DoD)

On top of those certifications, we are **aligned** with the controls and policies of:

1. NIST 800-53 and 800-171
2. ISO 27002, 27003
3. ISO Business Continuity and Risk Management Standards

In addition, Palantir has extensive experience helping customers meet specific **regulatory and industry requirements**, including:

1. EU General Data Protection Regulation (**GDPR**)
2. US Health Insurance Portability and Accountability Act (**HIPAA**)
3. California Consumer Privacy Act (**CCPA**)
4. Federal Information Security Modernization Act (**FISMA**)

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# Sign-up steps

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There are six steps to complete in signing up to Foundry.

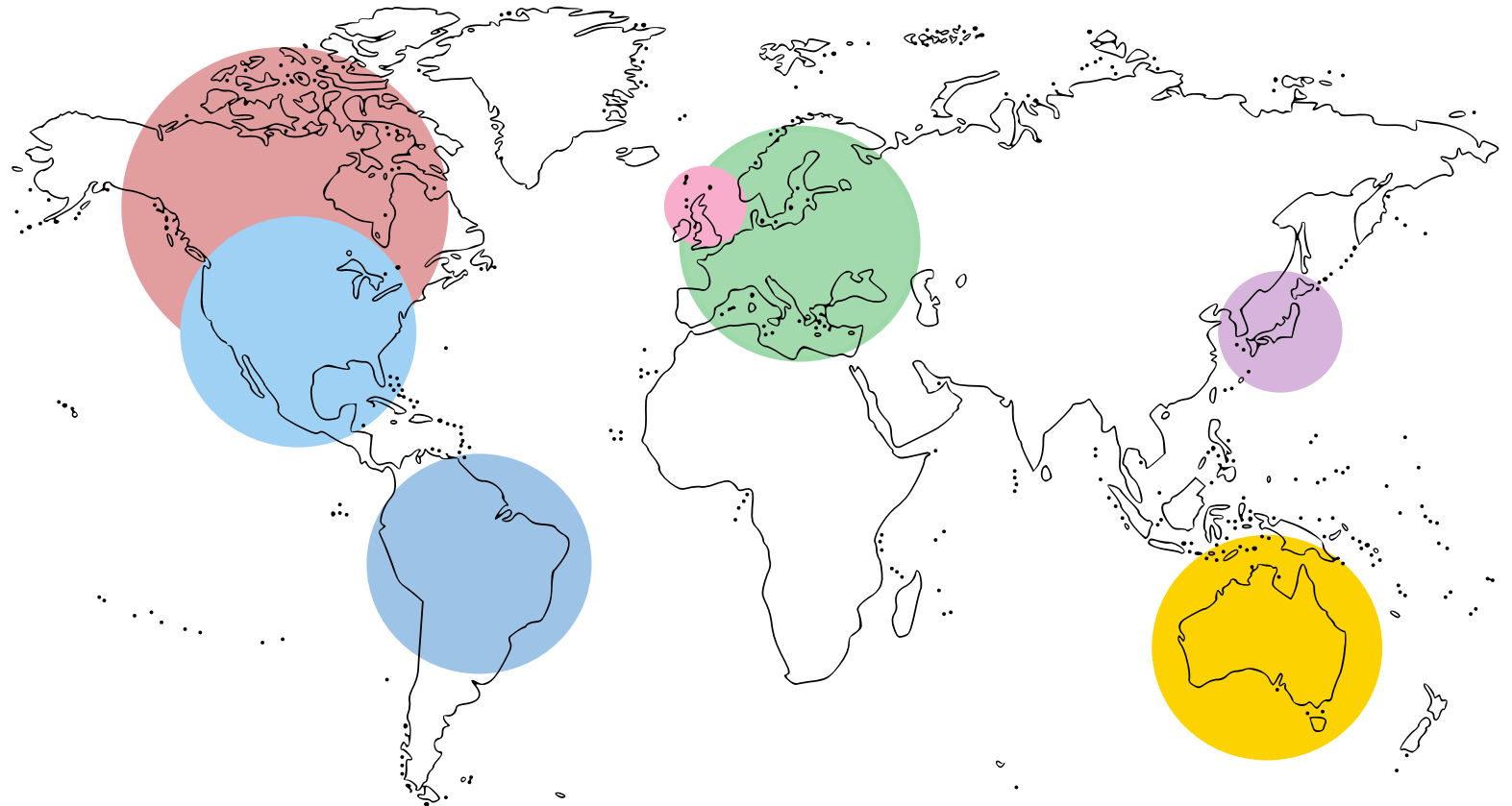
- |  |   |   |
|--|---|---|
| <b>1. Select your region</b>                       | → | Choose the region for your Foundry.   |
| <b>2. Select your domain</b>                       | → | Palantir can either generate a domain for you, or we can have Foundry accessible through a subdomain with your chosen customer domain.    |
| <b>3. Configure the Data Connector</b>             | → | Configure either the on-premise or cloud Data Connector to connect Foundry to your sources.   |
| <b>4. Set-up Single-Sign On</b>                    | → | Confirm attributes and send your organization's SSO identity provider metadata for easy access to Foundry from your existing SAML system. |
| <b>5. Share your users' country locations</b>      | → | This is for us to ensure that they can access Foundry.  |
| <b>6. Review our standard security assessments</b> | → | Upon request, we will provide comprehensive documentation required for standard security reviews.   |



# 1. Select your region

Available regions for your  
Foundry's data residency:

- United States
- Canada
- European Union
- United Kingdom
- Japan
- Australia
- Brazil



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## 2. Select your domain

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There are two possible options for your Foundry domain.

### 1. [Recommended] Customer-defined with Palantir domain

- You choose a subdomain, and Palantir creates a unique domain for you with that subdomain, such as **`https://<subdomain>.palantirfoundry.com.`**
  - The subdomain can be the name or acronym for your organization, or any codename you choose.
- 
- Some customers prefer to choose a codename to avoid putting their name in public DNS records.

### 2. Customer-generated domain

- *Warning: this option can be slower to set up, and may delay getting access to your Foundry environment.*
- You choose a subdomain within your own organization's domain, such as **`https://foundry.<customer>.com`**, and set up a C-NAME to the alias for your selected Foundry region.
- Palantir generates a certificate signing request (CSR), which we will send to you to be signed by the Certificate Authority used by your organization.

### 3. Configure the Data Connector

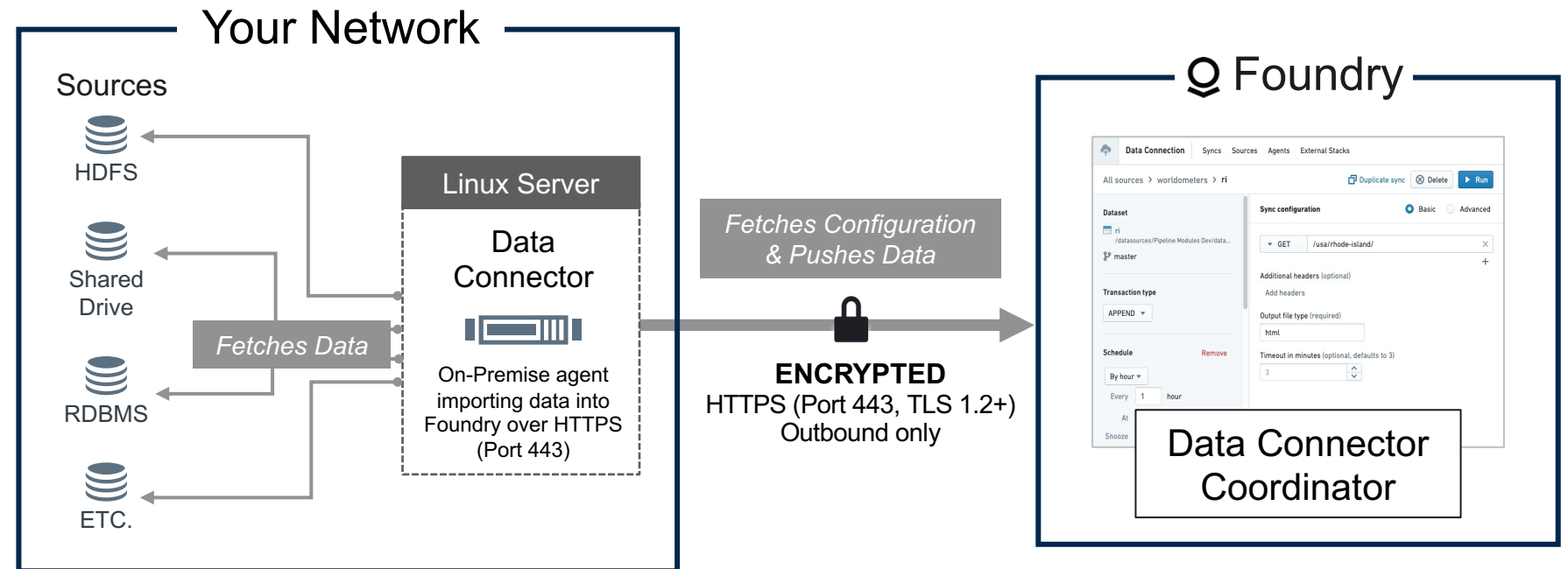
- Users schedule and execute data syncs through an intuitive and access-controlled UI
- Depending on the location of your sources, we have an **On-Premise Data Connector** we can deploy and a **Cloud-based Data Connector** for your cloud-based source systems

The screenshot displays the Palantir Foundry interface for configuring a data connector. The top navigation bar includes a search bar and user profile. The main interface is divided into three tabs: 'Sources', 'Tables', and 'Syncs'. The 'Tables' tab is active, showing a list of tables under the 'postgres' source. A search bar for filtering tables is present. The 'contracts' table is selected, and a 'Create sync' button is visible. A preview of the 'contracts' table data is shown, displaying 20 rows of data.

	contractnumber	firstname	lastname	contractvalue	portfolio
	VARCHAR	VARCHAR	VARCHAR	VARCHAR	VARCHAR
1	71547128414	John	Doe	2	port 1
2	1337	Jose	Guillard	8888	port 2
3	1337535353	Mary	Jane	123123	port 3
4	111	Jenny	Lee	0	port 3
5	1212121212	Jenny	Lover	12741	port 1
6	11467	Jean	Valjean	55000	null
7	21467	Cosette	Dupont	324	null
8	31467	Marius	Javert	34287	null
9	41467	Esmerelda	Bonnet	750	null
10	51467	Quasimodo	de Braquilanges	5000	null
11	61467	Claude	Frollo	2525	null
12	71467	Asterix	Guichard	666	null
13	81467	Obelix	Radun	5446	null
14	91467	Tintin	Chang	3333	null
15	101467	Milou	Albert	127	null
16	111467	Enrique	Dupond	234	null
17	121467	Antoine	Dupont	17400	null
18	131467	Tryphon	Tournesol	45000	null
19	141467	Bianca	Castefiore	450	null

### 3. Configure the Data Connector | Option A: On-premise Data Connector

- The cloud-based Coordinator configures and executes jobs that tell the Data Connector how to migrate new data
- The Data Connector communicates with your on-premise sources to fetch data
- The on-premise connector communicates with the Coordinator via encrypted outbound-only HTTPS requests.



## 3. Configure the Data Connector | Option A: On-premise Data Connector

### Common points of contact for on-premise installation:

#### Networking/Infrastructure

- Provisions server for Data Connection in appropriate location, as well as remote access
- Allowlist the Foundry IP addresses to the provisioned server

#### Data Source Owners

- Help identify data source for ingestion, as well as supporting materials such as data dictionaries
- Obtain any required approvals for data and/or source system access

**Customer server provision** — Provision a server for the Data Connector with appropriate user accounts created and at least the following specs:

→ [4 Physical Cores] - [16 GB RAM] - [500 GB Hard disk] - [64-bit Unix-based operating system]

**Palantir provides IPs** — Palantir will provide the qualified domain name and IP addresses for Foundry

**Customer allowlist** — Customer will allowlist the Foundry IPs in order to allow outbound connections from the server to Foundry

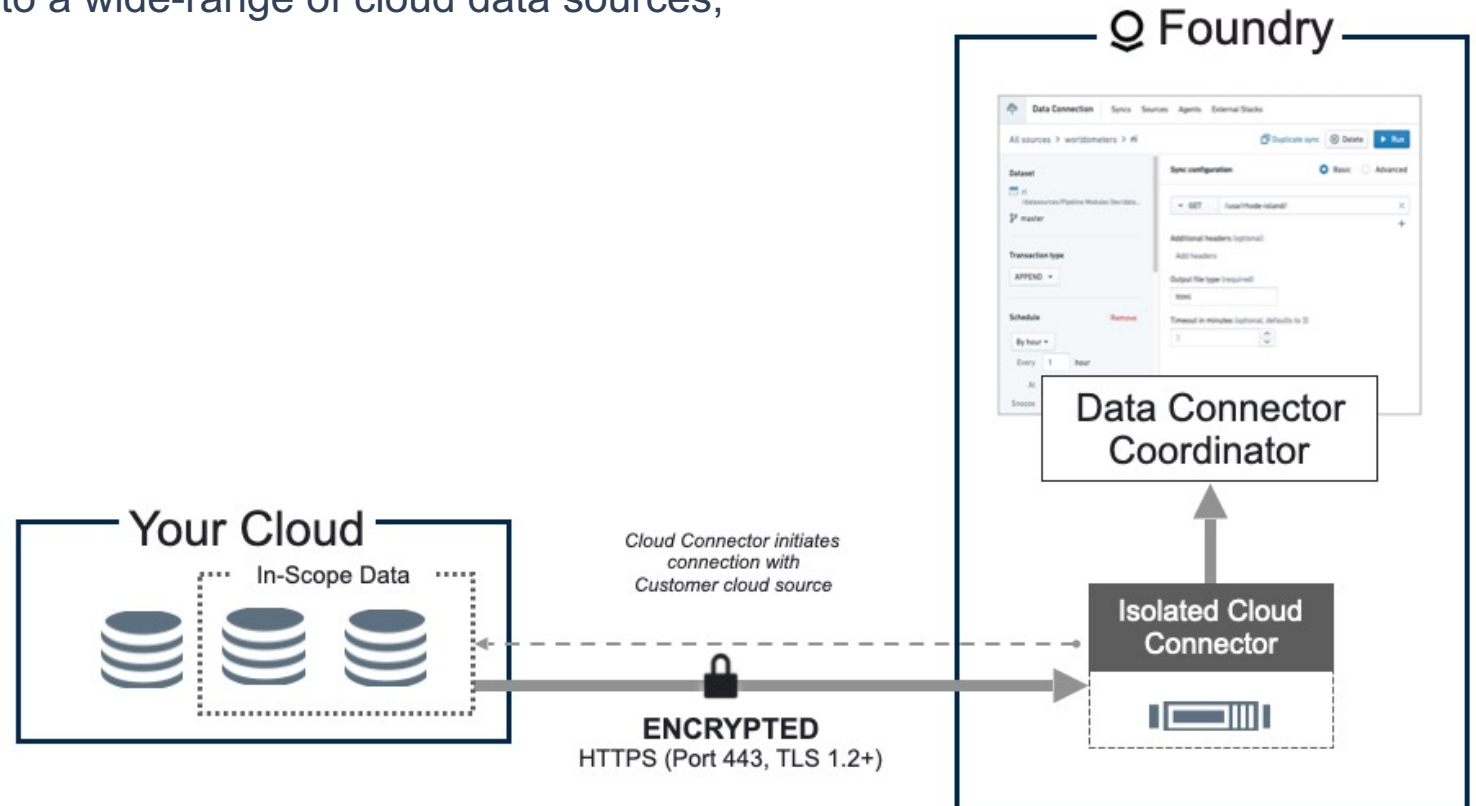
**Customer source networking access** — Customer will enable open connections between the Data Connector server and relevant Source Systems

**Customer source connection information** — Customer will share configuration options (e.g. private IPs, ports, credentials) for the Data Connector to source system connection

### 3. Configure the Data Connector | Option B: Cloud-based Data Connector

The cloud-based cloud connector can connect to a wide-range of cloud data sources, including:

- Amazon S3
- AWS Redshift
- Azure Data Lake Storage
- Azure Blob Storage
- Box Drive
- Google BigQuery
- Google Cloud Storage
- Oracle File Storage
- Salesforce



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## 4. Set-up Single Sign-On

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Foundry easily integrates with your existing Single Sign-On provider.

Foundry has a native **Multi-Factor Authentication** service, so if MFA is not enabled at your organization, we can enable this service for an additional level of protection.

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Foundry supports any **SAML 2.0** identity provider (IdP), including the following:

- Azure AD
- ADFS
- Okta
- PingFederate
- Shibboleth
- KeyCloak
- Hennge One
- GEOAxis
- DISA GCDS

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## 5. Share your users' country locations

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Please let us know your users' country for us to ensure that they can access the platform.





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# Summary of Sign-up steps

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## 1. Select your region

[United States] - [Canada] - [European Union] - [United Kingdom] - [Japan] - [Australia] - [Brazil]

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## 2. Select your domain

- Selecting a custom subdomain within a Palantir domain
  - Utilizing a Palantir randomly-generated domain
- 

## 3. Configure the Data Connector

Depending on the sources, pursue an on-premise option or cloud option for data connection:

### On-premise

- Customer provisions the Linux Server
- Customer allowlists Palantir-provided Foundry IPs
- Customer shares source system configuration
- Palantir and customer perform installation

### Cloud

- Customer shares source system configuration

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## 4. Configure Single Sign-On

Confirm the use of MFA in your SSO and:

- Generate the appropriate SAML IdP metadata
  - Confirm the SAML attributes that will be passed
  - Upload SP metadata to your SSO once provided by Palantir
- 

## 5. Share your users' country locations

We will allowlist access to Foundry to the IPs from these countries.

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## 6. Fulfill any security assessments or SaaS vendor evaluation forms

We can respond to any questionnaires your organization requires to host data in the Foundry environment.