Agenda

- Terminology
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Terminology

Cloud offerings

Microsoft Azure platform as a service (PAAS) and infrastructure as a service (IAAS) products.

Microsoft 365, Office 365, and Dynamics 365 software as a service (SAAS) products.
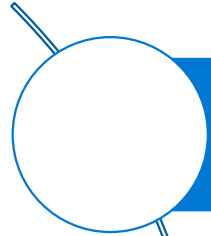
Azure commercial cloud

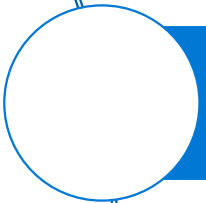The Microsoft products and services that are used by most customers.

Commercial cloud uses the "regular" datacenters.
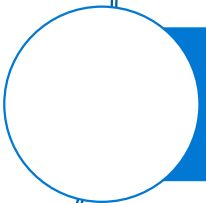
May also be called "public" cloud.
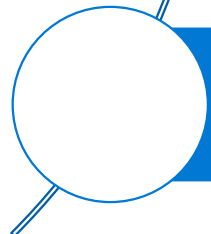
Azure government cloud

A mission critical cloud for use by United States (US) government customers and their partners.

Only US federal, state, local, and tribal governments and their partners have access to this dedicated instance.

Azure Government services **support data and use cases** that **are** subject to various government regulations and requirements, such as FedRAMP, DoD IL4 and IL5, CJIS, IRS 1075, ITAR, CMMC, NIST 800-171, and others.

Azure Government uses physically isolated datacenters and networks located only in the US.

Government Community Cloud (GCC)

GCC is an option for Microsoft SAAS products like Microsoft 365, Office 365, and Dynamics 365.

Provides support for compliance with federal requirements for cloud services, including FedRAMP, DFARS, CJI, and FTI data types.

GCC is the only government option currently supported for Finance and operations apps.

May also be called "GCC moderate" to be clear that it is not GCC High.

GCC High and DoD (Department of Defense)

GCC High and DoD are options for Microsoft SAAS products like Microsoft 365, Office 365, and Dynamics 365.

Support for compliance with Department of Defense Security Requirements Guidelines, DFARS, and ITAR.

GCC High support for Finance and operations apps has been announced for CY 2023 H1.

Commercial tenant

A tenant on the commercial cloud (uses commercial AAD) that has commercial Microsoft 365 or commercial Office 365 licenses.

A commercial tenant is required to use commercial Dynamics 365.

GCC tenant

A tenant that is scoped for GCC services and may or may not have other GCC services, such as Microsoft 365 GCC.

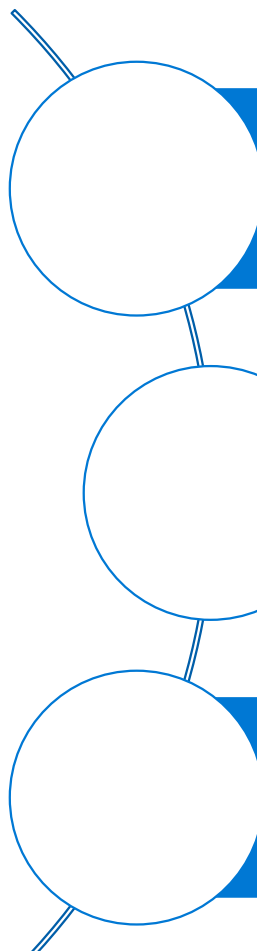A GCC tenant is required to use Dynamics 365 GCC or Microsoft 365 GCC.

A few customers with GCC tenants have commercial Finance and operations apps (F&O) because they went live before F&O GCC was available.

Architecture

Finance and operations apps GCC architecture
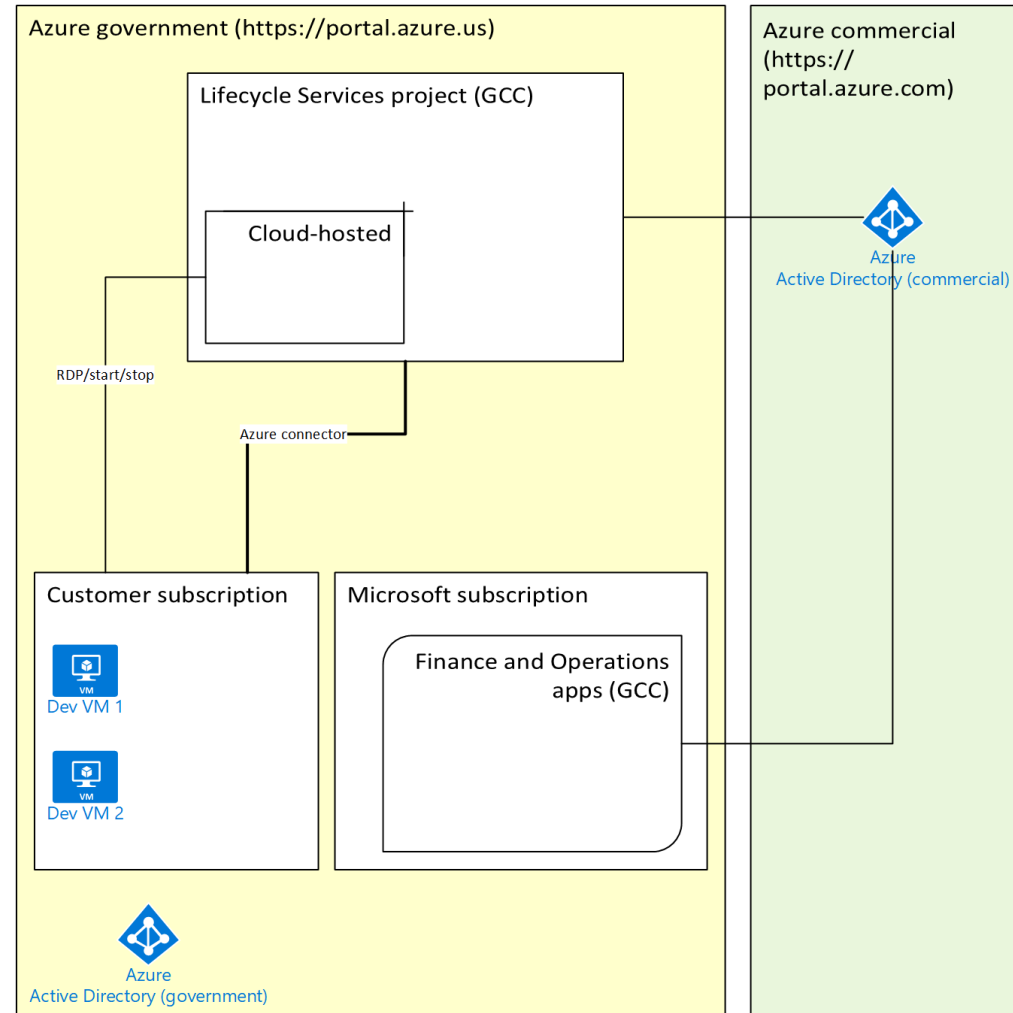
Licensing

Dynamics 365 GCC licenses should be purchased on the tenant that contains the users.

As with commercial Finance and Operations apps (F&O), B2B or guest users are allowed, but are expected to be exception cases.

Note: We no longer allow new customers to deploy commercial F&O licenses or services in a GCC tenant.

Authentication

Lifecycle Services GCC and Dynamics 365 GCC use commercial AAD for user authentication.

In order to successfully activate GCC licensing and provision GCC services, the tenant must be a GCC scoped tenant.

GCC High and DoD use government AAD for authentication.

Regions

Finance and Operations apps **GCC** tier 2+ and production environments must be located in US Gov Virginia (backup is US Gov Texas).

Cloud hosted environments can be located in US Gov Virginia or US Gov Texas.

Lifecycle Services GCC

Lifecycle Services (LCS) GCC

Commercial AAD is required for LCS GCC users.

LCS GCC users are required to be from a tenant with GCC licenses.

A partner tenant most commonly <u>will not</u> have GCC licenses which means the partner users will need an account on the customer's tenant.

LCS GCC URL: https://gov.lcs.microsoftdynamics.us

Cloud hosted environments

Cloud hosted environments (CHE) are used for F&O development activities.

F&O GCC requires using an Azure government subscription for CHE.

For some Dynamics 365 GCC customers, this is the first time they need an Azure Government subscription.

Creating a connector from LCS GCC to the Azure government subscription is a one-time operation that requires an admin of the Azure Government subscription.

Government Azure subscriptions

An Azure Government subscription requires a separate tenant from the one with the F&O GCC licenses.

The separate tenant will use AAD in Azure Government and be administered in https://portal.azure.us.

The LCS GCC and F&O GCC users do not need access to the Azure Government subscription or the government AAD.

Project team members may need access if additional resources are deployed in the Azure government subscription. For example, an Azure SQL database for the F&O Bring your own database (BYOD).
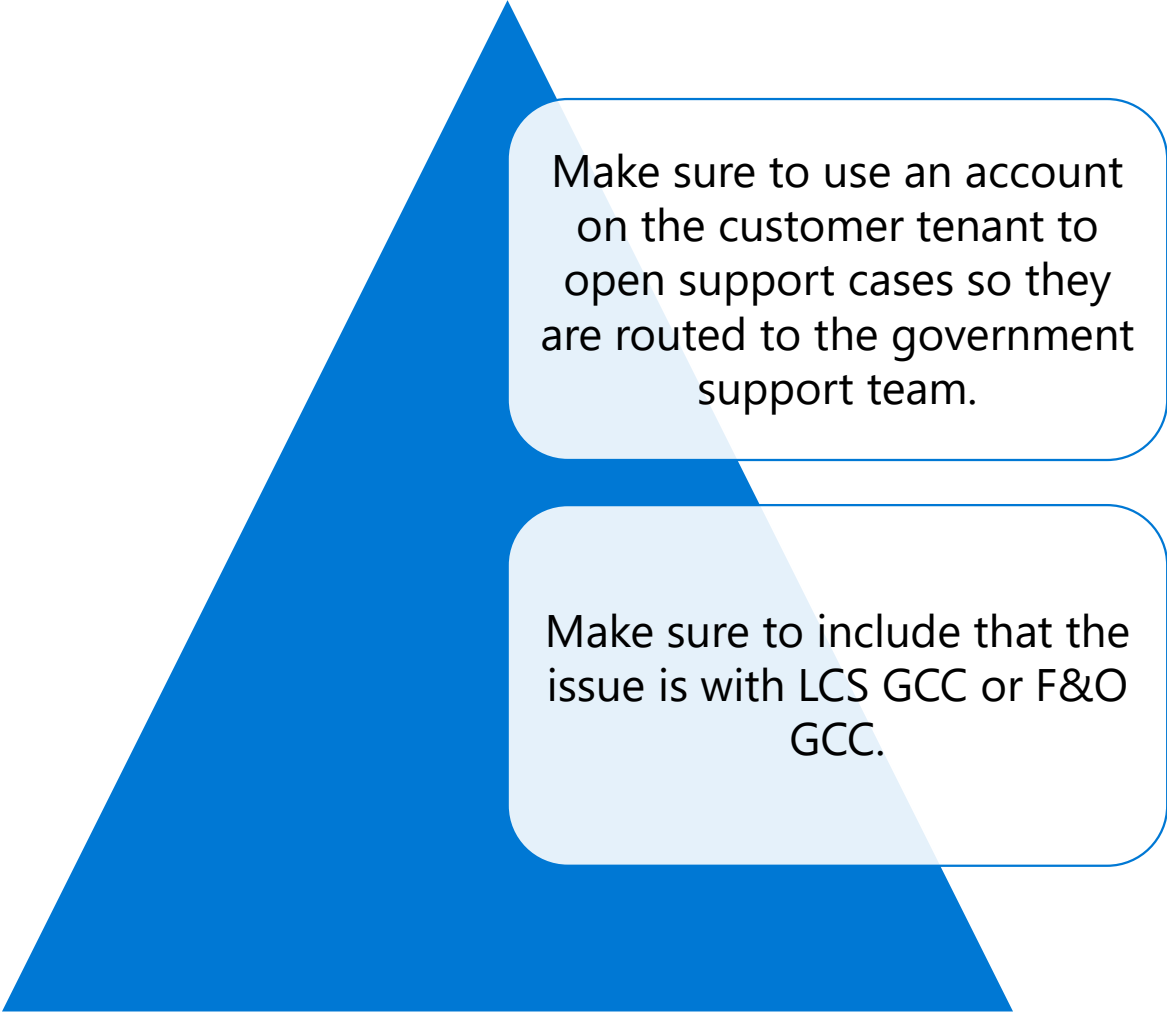
Azure DevOps

- Like with commercial LCS, Azure DevOps is required.

- Azure DevOps is not available in Azure Government.

- Commercial Azure DevOps works fine as long as there are no requirements for DevOps to be CJIS or FedRAMP compliant.

- The alternative is to use Azure DevOps server.

Support

Make sure to use an account on the customer tenant to open support cases so they are routed to the government support team.

Make sure to include that the issue is with LCS GCC or F&O GCC.

Finance and Operations apps GCC

Finance and operations apps (F&O) GCC

Commercial AAD is required for F&O GCC users

Service updates and the other asset library artifacts that are supported are similar to commercial F&O.

F&O GCC is not currently included in proactive quality updates.

Environment URL patterns

- https://**<env_name>**.operations.gov.microsoftdynamics.us (production)
- https**://<env_name>**.sandbox.operations.gov.microsoftdynamics.us (sandbox)

Functional parity

Not all features that are available in commercial F&O are immediately available in F&O GCC.

Current noteworthy functional gaps include the following:

- Export to data lake
- Most microservices with the exception of planning optimization
- Regulatory Configuration Service
- Commerce

Latest download: https://aka.ms/bapfunctionalparity

FAQ

Customer data

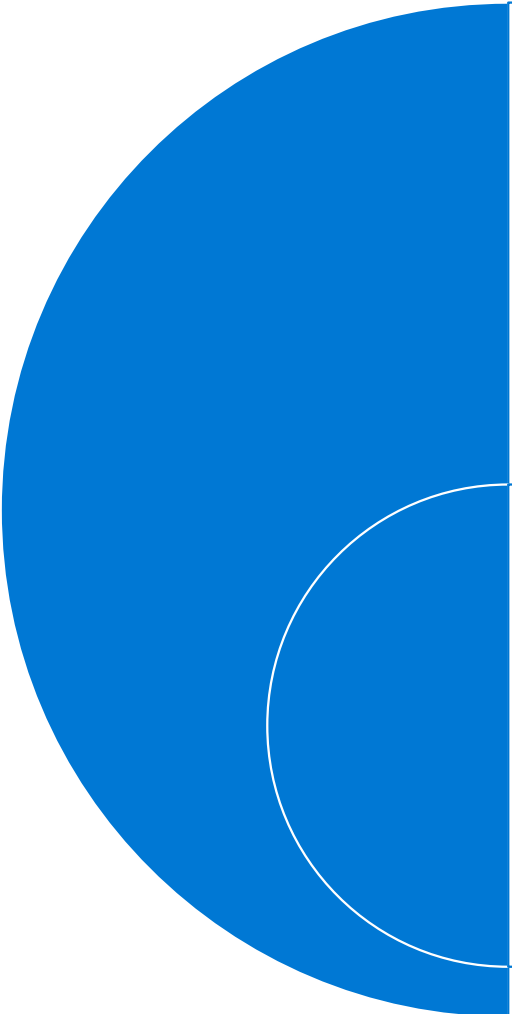**Who has access to your customer data content for Dynamics 365 Government**

- Dynamics 365 support and service engineering staff do not have standing access to customer content hosted in Dynamics 365 US Government.
- Any staff who request temporary permission elevation which would grant access to customer content must have successfully passed the required background checks/screening.
- [Dynamics 365 service description - Power Platform | Microsoft Learn](#)

Tenant and license mismatch

Is having commercial F&O licenses on a GCC tenant, or the other way around, a big deal?

- Yes and you won't be able to provision your LCS project until this mismatch is resolved. The licenses that don't match your tenant will have to be deprovisioned before the correct licenses can be added.

- For example, the commercial licenses will have to be deprovisioned before the GCC licenses can be added.

What you need to know

Tier 2+ sandbox environments have a 15 character limit for the environment name due to the total length of the URL.

Data Management export for the Excel file type is currently not available in F&O GCC and is expected back in 10.0.32.

Q & A

References

[Dynamics 365 US Government service description](#)

[Dynamics 365 Finance and Supply Chain Management in US Government Community Cloud (GCC)](#)

[Complete the Azure Resource Manager onboarding process for US government Lifecycle Services projects](#)

[Download latest functional parity document](#)

[Onboard an implementation project](#)

[Secure one-box development environments](#)

Thank you