Microsoft Dynamics 365

Dynamics 365 US Sovereign Cloud – GCC High

Dynamics 365 FastTrack

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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.

Infrastructure as a service (IAAS)
Platform as a service (PAAS)

Azure Commercial cloud

https://portal.azure.com

Commercial products and services used by most customers.

Commercial cloud uses the "regular" datacenters.

May also be called "public" cloud.

Uses "regular" Entra ID for authentication (e.g. contoso.com)

Azure Government cloud

https://portal.azure.us

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, DFARS, CMMC, NIST 800-171, and others.

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

Azure Government has its own Entra ID that is not compatible with commercial Azure Entra ID

Software as a service (SAAS)

Government Community Cloud High (GCC High)

GCC High is an option for Microsoft SAAS products including Microsoft 365, Office 365, **Power Platform and Dynamics** 365.

Support for compliance with Defense Federal Acquisition Regulation Supplement (DFARS) and International Traffic in Arms Regulations (ITAR) up to Impact Level 4 (IL4).

Support for DFARS and ITAR are noteworthy for manufacturing customers

GCC High exclusively uses Azure Government, including Azure Government Entra ID for **identity management and** user authentication

GCC High support for Finance and operations apps was released in CY 2023 H2.

Government Community Cloud (GCC)

GCC is an option for Microsoft SAAS products including Microsoft 365, Office 365, **Power Platform** and Dynamics 365.

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

GCC support for Finance and operations apps was released in CY 2021 H2.

Architecture

Licensing

Dynamics 365 GCC High licenses should be purchased on an agreement associated to the tenant that contains the end users.

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

A commercial or GCC tenant cannot be converted to a GCC High tenant.

You cannot mix GCC High and GCC or Commercial cloud licensing in a tenant

Authentication

GCC High Lifecycle Services (LCS) and GCC High Dynamics 365 use Azure Government Entra ID for user authentication.

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

Regions

GCC High Finance and Operations apps tier 2+ and production environments are located in US Gov Virginia (with the secondary in US Gov Texas)

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

Lifecycle Services for GCC High

GCC High Lifecycle Services (LCS)

Azure Government Entra ID is required for GCC High LCS users.

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

A partner tenant most commonly will not be Azure Government Entra ID or will not have GCC High licenses which means the partner users will need an account on the customer's tenant.

GCC High LCS URL: https://**high**.lcs.microsoftdynamics.us

Cloud hosted environments

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

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

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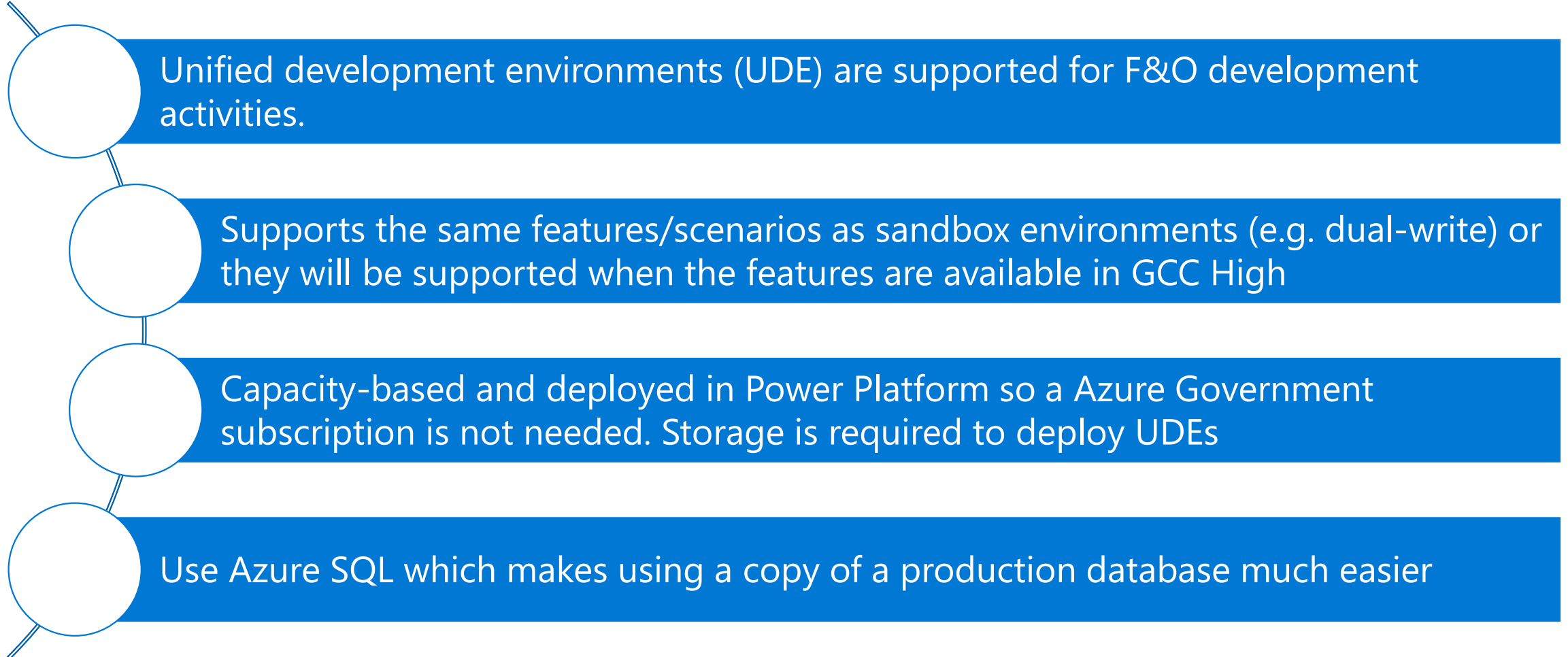
Azure Government subscriptions

The GCC High LCS and F&O users do not need access to the Azure Government subscription

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).

Unified development environments

Unified development environments (UDE) are supported for F&O development activities.

Supports the same features/scenarios as sandbox environments (e.g. dual-write) or they will be supported when the features are available in GCC High

Capacity-based and deployed in Power Platform so a Azure Government subscription is not needed. Storage is required to deploy UDEs

Use Azure SQL which makes using a copy of a production database much easier

Azure DevOps

Like with commercial LCS, Azure DevOps is required.

Azure DevOps is not available in Azure Government.

Commercial Azure DevOps is compatible as long as there are no requirements for DevOps to be CJIS or FedRAMP compliant.

The alternative is to use Azure DevOps server.

Note: Commercial ADO does not meet CJIS or FedRAMP compliance.

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 GCC High F&O.

GCC High: Help + support | Power Platform admin center

Docs: Get Help + Support in Power Platform - Power Platform | Microsoft Learn

Finance and Operations apps for GCC High

Finance and operations apps (F&O) for GCC High

Azure Government Entra ID is required for GCC High F&O users

GCC High F&O has the same One Version requirements, including service updates and proactive quality updates.

Environment URL patterns

- https://**[env_name]**.operations.**high**.microsoftdynamics.us (production)
- https://**[env_name]**.sandbox.operations.**high**.microsoftdynamics.us (sandbox)

Functional parity

Not all features that are available in commercial F&O are immediately available in GCC High F&O (or the other US government regions).

Current noteworthy functional gaps include the following:

- Synapse Link
- Dual-write
- All microservices**
- Commerce/Commerce Scale Unit

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

Department of Defense (DoD)

DOD IS AN OPTION FOR MICROSOFT SAAS PRODUCTS INCLUDING MICROSOFT 365, OFFICE 365, AND DYNAMICS 365

SUPPORT FOR COMPLIANCE WITH DEPARTMENT OF DEFENSE SECURITY REQUIREMENTS GUIDELINES UP TO IMPACT LEVEL 5 (IL5).

DOD EXCLUSIVELY USES AZURE **GOVERNMENT US DOD**, INCLUDING AZURE GOVERNMENT ENTRA ID FOR USER AUTHENTICATION

SUPPORT FOR FINANCE AND OPERATIONS APPS **IN DOD HAS** BEEN ANNOUNCED FOR CY 2025 H2.

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

Office 365 GCC High and DoD - Service Descriptions | Microsoft Learn

Q & A

Thank you