OneDrive Multi-Geo in Office 365

Support data residency for global organizations with geo-located OneDrives in Office 365

To fulfill the data residency requirements of multinational corporations (MNCs), Microsoft Office 365 now supports multiple geo locations for storing OneDrive files within a single Office 365 tenant. For more information, see http://aka.ms/OneDriveMultiGeo.

Data residency

Data residency requires that the data that an MNC uses in the offices of a region or country be physically stored within the boundaries of that geo location.

How it works

With Multi-Geo OneDrive, an MNC can expand their tenancy to additional geo locations to store OneDrive files for users operating within those locations.

Single tenancy

Multi-Geo allows your existing SharePoint Online service to span across geo locations. When your Office 365 tenant is set for Multi-Geo, its original location becomes the default location and each added geo location becomes a satellite location.

Benefits of Multi-Geo OneDrive

- Meet data residency requirements
- Operate as one global organization with a single tenancy spanning multiple geographic locations
- Save on infrastructure costs by reducing or retiring your on-premises data footprint
- Enrich the productivity experience of your globally-connected workforce and keep data closer to your users

- Establish sharing policies for each geo location
- Support your users as they move to and from geo locations with ODB Move*
- Surface content from anywhere within your tenant with Multi-Geo Search and Taxonomy replication.
- Set DLP and eDiscovery to apply to selected geo locations

*When users who have an existing OneDrive relocate, administrators can trigger a move to their new preferred data location.

Become Multi-Geo in three simple steps

1 Enable your Office 365 tenant for Multi-Geo

Reach out to your support team to get started with the Multi-Geo License.*

*Tenant size restrictions apply

2 Add the satellite locations

Select your Satellite locations from your tenant's OneDrive Admin Center Geo Locations menu.

3 Configure user accounts for their preferred location (default or satellite)
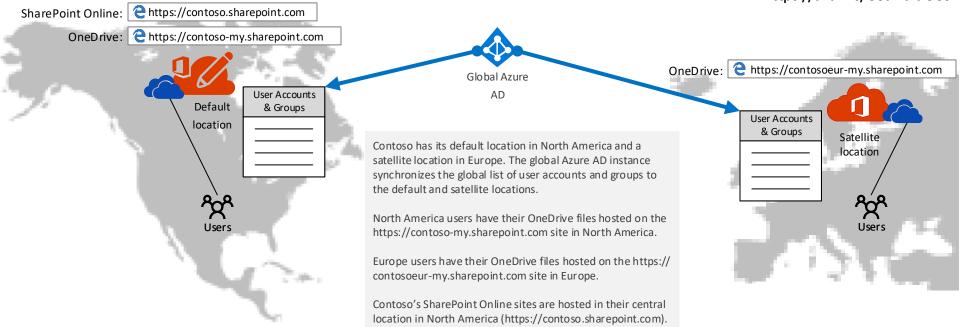
Add the preferred data location for each user. Use Azure AD Connect for synchronized Windows Server AD user accounts or Azure AD PowerShell for cloud-only user accounts.

An example configuration

The Contoso Corporation (contoso.com) has its Office 365 tenant in North America and needs Multi-Geo OneDrive to adhere to data residency requirements in Europe. Prior to configuration, OneDrive files for users in both North America and Europe were hosted on the **https://contoso-my.sharepoint.com** site in North America. After configuring Multi-Geo OneDrive support:

https://aka.ms/GetMultiGeo

SharePoint Online: https://contoso.sharepoint.com
OneDrive: https://contoso-my.sharepoint.com

Default location

User Accounts & Groups

Users

Global Azure AD

OneDrive: https://contosoeur-my.sharepoint.com

User Accounts & Groups

Satellite location

Users

Contoso has its default location in North America and a satellite location in Europe. The global Azure AD instance synchronizes the global list of user accounts and groups to the default and satellite locations.

North America users have their OneDrive files hosted on the https://contoso-my.sharepoint.com site in North America.

Europe users have their OneDrive files hosted on the https://contosoeur-my.sharepoint.com site in Europe.

Contoso's SharePoint Online sites are hosted in their central location in North America (https://contoso.sharepoint.com).

Microsoft