

On Demand Migration: OneDrive

Migrate your OneDrive sites to new tenants

Because Microsoft OneDrive for Business is as critical as email for most organizations, having a OneDrive migration tool is essential. Just like mail users, OneDrive users do not want to lose the structures of their files and folders during migrations.

Quest On Demand Migration (ODM) is a OneDrive migration tool that makes it easier to migrate OneDrive sites to new tenants. With ODM, you'll be able to automate migrations, so they scale up during non-business hours and weekends when throttling rules are typically more relaxed. Conversely, you can scale the migration back down during business hours to reduce the load on the tenants.

Preserve valuable data during your Microsoft 365 tenant-to-tenant migration. Migrate user OneDrive accounts to the new tenant allowing users continued access to file storage.

Features

Pre-migration reporting

A tenant-to-tenant migration cannot start without first knowing what is on the source tenant. For OneDrive migrations, that begins with a list of the user accounts that use OneDrive on the source. On Demand Migration also collects various statistics from your source tenant to help with migration planning.

Provision OneDrive sites

On Demand Migration for OneDrive allows for the provisioning of OneDrive sites in advance to the migration on the target tenant. Pre-provisioning OneDrive for hundreds to thousands of users may take up to 24 hours for the OneDrive locations to be created. Alternatively, OneDrive sites can be provisioned as part of the migration task.

Preserving user permissions and handling of shared links

User mapping allows for the permissions on the target tenant to be mapped to what they were on the source tenant and keeping those permissions intact. This applies to the internal users, internal groups, and guest (external) users. Because the migration of shared links is not supported, ODM allows for shared permissions to be applied as direct file permissions. Maintaining continuity of security and access to migrated files is a critical business data requirement.

Preserving metadata

OneDrive users want to see the important metadata copied to the new tenant. ODM supports the migration of the following metadata within OneDrive: authorship properties such as created and modification metadata, as well as document properties, ensuring the ability for end users to easily manage, work and collaborate with the migrated documents on the target tenant.

Migration of file versions

Many migration solutions only migrate the last version of a file, leaving an end user unable to review previous versions of files or change histories. This lack of version migration can become a significant problem for organizations that are required to maintain versions for business or compliance reasons.

ODM for OneDrive can support migrating only the last version(s) of OneDrive documents when the requirement is to migrate as fast as possible and only the last version is needed. However, ODM also supports the migration of versions either as a subset of versions, or all versions. While the migration will take longer to run because of the potential significant increase in content, an all-version migration will also meet stringent business and/or regulatory requirements many organizations require.

Filters

Some organizations may only need to migrate a subset of files to a new tenant, or alternatively, reorganize their content in transition to the tenant. Perhaps they want to filter to only include the past 12 months of files. Or they want to exclude specific folders and files from the migration completely. ODM provides these capabilities to help tailor the migration requirements to such needs.

Auto-delta migrations

One common scenario involves migrating a large OneDrive account that a user is still adding files to and actively working with on the source tenant. This often occurs when migrating during regional business hours. One solution is to run a delta migration immediately to keep the content in sync. Migration users can utilize this same feature in migrations that were run during a cutover weekend.

Migration to an active target tenant

Although the migration to an already active target tenant can be challenging for most migration tools, ODM generally supports and assists the migration user in these scenarios. The migration options within the tool can help ensure no newer data is overwritten and lost. Settings allow for the migration to either skip the migration of more outdated source files or to simply provide a copy of the file to guarantee, that no data is lost in the transition.

Migration reports

To assist confirming the migration progress, and to help finalize the migration of OneDrive sites, ODM provides different types of reports, such as a comparison report of the source and target tenants, as well as a migration error report.

The migration error report will log any problems, which may have occurred during the migration process. The report is designed to provide the information needed to understand why a specific file could not be migrated to the target, or at least provide valuable information as to why certain objects could not be migrated within this task.

The comparison reports will assist in highlighting any differences between source and target, specifically for user mappings and item counts. The report is designed to give a quick insight into the migration progress and to help completing the migration project.

For a detailed overview into everything On Demand Migration for OneDrive supports, please review our ODM User Guide in the section [What We Migrate](#).

About Quest Software

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