BitTitan MigrationWiz

Active Directory/Entra ID Migrations

Streamline AD Migrations Across Hybrid and Cloud Environments

New Feature: Entra ID Support for Cloud-Based Migration

Cloud environments running on Microsoft Entra ID (formerly Azure AD) can now be included in Active Directory migrations. The source agent automatically checks for schema and attribute compatibility before syncing, simplifying the process for syncing cloud-only users and groups in hybrid or cloud-native setups. This expands MigrationWiz coverage across hybrid and cloud environments, providing customers with more flexibility when managing modern identity systems.

Scenarios:

Entra ID to Entra ID migrations – for tenant-to-tenant consolidation, mergers, and divestitures.

Local AD to Entra ID migrations – to move from on-premises identity management to the cloud.

Entra ID to Local AD migrations – for hybrid or specialized environments requiring a return to on-premises control.

Hybrid and Cloud-Ready Architecture - MigrationWiz now supports Microsoft Entra ID as both source and destination environments, enabling seamless identity synchronization across modern hybrid and cloud infrastructures.

Migrate your Active Directory with MigrationWiz. Seamlessly move users, groups, computers, and printers while preserving access with SID History. Simplify domain consolidations and hybrid migrations with support for Microsoft Entra ID (Azure AD). Perform secure, agent-driven migrations without trusts and manage everything from one intuitive console for fast, reliable results.

Key Features and Enhancements for On-Premises AD Migrations

SID History, SID History for Groups, and Password Management
Maintain access to legacy resources by migrating SID History to preserve permissions post-migration. SID History for Groups preserves group security identifiers during Active Directory migrations, ensuring users retain access to resources without requiring re-permissioning. Improved password synchronization in on-premises scenarios ensures credentials remain consistent, and administrators can assign random secure passwords with export capabilities for tracking.

Attribute-Level Sync and Object Control
Includes a "Do Not Update" flag to protect custom configurations. Attribute-level synchronization ensures that only modified attributes are updated, reducing overwrites and preserving data integrity. Simulation mode allows previewing of migration outcomes before execution.

Computer and Printer Object Migration
Supports migration of computer and printer objects in on-premises scenarios, including domain joining and ACL reassignment. A lightweight 'Mini Agent' enables easy deployment and centralized management of device migrations.

Enhanced Management Experience
Administrators can edit UPN suffixes and object attributes directly from the console. A real-time, auto-scrolling activity window provides immediate feedback on sync progress and performance.

Active Directory Migration:

User accounts: When you transfer user accounts from the source to the target (or destination) AD environment, usernames, passwords, and group memberships are included.

Groups: Migrate security and distribution groups while preserving existing group structures in the target environment.

Coexistence and delta sync: MigrationWiz supports coexistence so the source and destination AD environments can operate simultaneously during the migration process. It also provides delta synchronization, ensuring that changes made to user accounts or groups are replicated to the target AD in real-time.

Domain sync: Trust between domains isn't required for the sync process. The domains don't need to physically see each other since MigrationWiz uses cloud-based agent technology to perform the sync.

Security and compliance: MigrationWiz uses industry-standard encryption and compliance controls to safeguard data during every phase of migration. All transferred data is encrypted in transit and at rest, ensuring integrity and confidentiality throughout the migration process.

Customer Benefits

- Maintain user access and credentials with SID History and password synchronization.
- Reduce manual intervention and post-migration troubleshooting with simulation and attribute-level control.
- Streamline execution using an intuitive management console and real-time monitoring.
- Achieve secure, efficient migrations for hybrid infrastructures.

For more information, visit www.bittitan.com or contact your local sales representative.