Hosting Controller
Efflux Migrator

Efflux Datasheet

A Smart Migration Solution for Exchange On-Premises & Cloud Environments

Transition Your Messaging to Another Forest or Microsoft 365
www.hostingcontroller.com

A Smart Migration Solution

Need for Exchange Enterprise Moves

Company mergers and acquisitions may often warrant the migration of enterprise data, especially if all partners are running Microsoft Exchange for their messaging needs. In the case of a merger, the mailboxes of the merging companies need to be consolidated into a single Exchange environment. In the case of an acquisition, the Exchange mailboxes of the acquired company need to be merged with the Exchange mailboxes of the buying company.

Migrations may also be necessitated by upgrades. Organizations looking to upgrade and/or upscale their Exchange servers, need to transition their Exchange mailboxes to new servers, leaving their legacy servers behind.

Further, factors such as company rebranding's, segmentation of IT environments due to security reasons, and isolation of subsidiaries on the basis of departments or geography also require organizations to perform cross-forest and cloud migrations.

Automated Exchange Migrations and Consolidations

Efflux Migrator is a lightweight and easy-to-use desktop utility, engineered to handle these pressing needs. It is a tool designed specifically for automating cross-forest and cloud Exchange migrations with zero downtime to users. With its revolutionary technology, Exchange mailboxes can be seamlessly migrated from any existing AD forest to a new forest or transitioned between Microsoft 365.

Why Efflux Migrator?

Exchange migrations are tedious tasks often riddled with complexities. If conducted manually through command-line tools, such as EMS and PowerShell scripts, they may not only prove time-consuming but may also incur data loss. In most situations where time is of the essence, organizations looking to migrate their Exchange mailboxes with 100% integrity and consistency cannot afford slip-ups. Efflux Migrator comes to the rescue with zero-impact, automated migrations of not only individual mailboxes but also their passwords and data. It helps in meeting deadlines and freeing up the time of IT teams so that they can focus on genuine issues. Moreover, its user-friendly GUI makes the migration process easy, even for an average technical resource.

Efflux Gives You an Edge by

- ✓ Providing a user-friendly GUI.
- ✓ Providing a fully automated mailbox migration solution.
- ✓ Providing an undisrupted UX.
- ✓ Keeping the reputation of your IT team high.
- ✓ Reducing the complexity of mailbox transitioning across servers.
- ✓ Easing the entire process of onboarding to Microsoft 365.

System Requirements

Cross-Forest Migrations

❖ Efflux should be installed on the target forest. It can be installed on an Exchange HUB, CAS or MBX server where the Exchange Management Tool is installed. In case of Office 365 Efflux will be installed on the source forest.

❖ Before commencing installation of Efflux, ensure that both source and target environments are functioning normally in terms of mail flow, without exceptions and are fully ready for migration.

❖ MRS Proxy endpoint should be enabled on the Mailbox servers in the source forest.

❖ The number of MRS Proxy concurrent connections should be set slightly larger than the default value for Exchange. See article.

❖ Ensure Microsoft Exchange Mailbox Replication service is running on Exchange servers in both the environments.

❖ While on the target server, the URL: https://yourdomains.com/EWS/mrsproxy.svc to the source forest should browse without encountering certificate errors. Any certificate errors should be resolved before proceeding.

❖ Create Send and Receive Connectors on both source and target environments.

❖ In case of export of mailbox passwords, ADMT tool is needed on the target server, Password Export Server on the source and a trust relationship established between the source and target DCs.

❖ In case of Exchange 2010 the servers should be equipped with SP3 or above.

❖ Efflux communicates with the Exchange servers through Remote PowerShell therefore PS Remoting should be enabled on them.

Features and Benefits

✓ **Seamless Experience**

Seamless experience with Outlook clients. Users experience no downtime during migration.

✓ **Password Export**

Passwords are also exported from source to target along with mailboxes. Password export requires ADMT tool on the target server, the Password Export Server on the source server, and a trust relationship between the domain controllers.

✓ **Migrate Rules, Tasks, and Calendars**

Rules, tasks, contacts, and calendars are migrated cross-forest.

✓ **Mailbox Onboarding to Microsoft 365**

Mailboxes are onboarded to and offboarded from Microsoft 365.

✓ **Batch Onboarding to Microsoft 365**

Bulk mailboxes in batches are onboarded to and offboarded from MS 365.

✓ **SID Migration**

The source user's SID is migrated to the target user's SID History attribute.

✓ **Archive Mailbox Migration**

Archive mailboxes are also migrated cross-forest.

✓ **Cross-Forest Migration**

Cross-forest migration, without the need of establishing trust between forests.

✓ **Automatic User Creation**

Users are automatically created on the target forest.

✓ **Staged Migration**

Mailboxes are migrated in stages to ensure integrity.

✓ **Multiple Accepted Domains**

Provision for moving multiple accepted domains.

✓ **Real-Time Status**

Shows the real-time status of mailboxes during the migration process.

✓ **Bulk Migration**

Enables bulk migration of a large number of mailboxes through a comma-separated values (CSV) file.

❖ These ports should remain open:

Ports	Protocols
636	LDAPS
389	LDAP
5985-5986	WinRP HTTP/HTTPS
443 (TCP)	HTTPS

Microsoft 365

Onboarding to and Offboarding from Microsoft 365

❖ In the case of onboarding to Microsoft 365, Efflux Migrator will be installed on the source on-premises forest.

❖ In case of offboarding from Microsoft 365, Efflux will again be installed on the target on-premises forest.

❖ In both cases Efflux will be installed on the on-premises DCs.

❖ Efflux Migrator supports MS Exchange versions 2010 through 2019 for Microsoft 365 onboardings. Exchange mailboxes from Exchange 2010, 2013, 2016, and 2019 on-premises versions can be transitioned to Microsoft 365.

❖ For further info see, https://docs.hostingcontroller.com/Products/Efflux-Migrator/Getting-Started/Pre-requisites/Pre-requisites-for-Microsoft-365

Features and Benefits

✓ **Target Mailbox Database Selection**

A target mailbox database can be selected for migration.

✓ **Bad Item Limit**

A bad item limit can be specified. This limit or threshold specifies the maximum number of corrupted items that are allowed in the mailbox before the move request fails.

✓ **Large Item Limit**

A large item limit can be specified. This limit parameter specifies the maximum number of large items that are allowed in the mailbox before the move request fails.

✓ **Scheduled Batch Migration**

Batch migration can be scheduled. Migration will commence on the scheduled date.

✓ **Lightweight Desktop Utility**

A desktop utility that does not take up unnecessary space on the storage it is on.

✓ **Extensive Logging**

Keeps track of every action performed through a daily log of events.

✓ **Unchanged DNS**

Change in DNS records is not required until the completion of the full process.

CONTACT US

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