

PowerSyncPro

Integrate. Collaborate. Migrate.

Release Notes

PowerSyncPro Service

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Release 3.2 (13-Nov-2025) – Current GA

Hotfixes

- 25328.4 (24-Nov-2025): Fixed issue with upgrade from 3.1 and dll version

Features

- We have added OnPremisesImmutableID to the attributes that you can write to Entra ID. This allows you to ensure hard matches are possible when later adding Entra ID Connect Sync or Cloud Sync for onward syncing scenarios
- We now allow you to use the reserved word TargetValue in complex expressions to do things like
 - If TargetValue is not null then TargetValue else SourceValue for one time write
 - If (TargetValue & 2) == 2 then make a decision as the target user is disabled
- We have added a support page, so that you can see the information you need to reach your support service quickly and efficiently

Bug fixes

- The Remote Agents have been improved with additional keep alive pings and checks to enhance their robustness

Release 3.1 (1-Apr-2025)

Hotfixes

- 25241.1 (29-Aug-2025): Legacy password sync not always triggering if configuration changed after initial sync
- 25161.2 (10-Jun-2025): Allow a slash in the Cache Credential placeholder. If a slash is detected by the agent then it will default the field to left part of the placeholder with the right part of the user's NT logon
- 25155.1 (4-Jun-2025): Ensure that modern password gives more detail when an error occurs, and fix an issue with legacy password changes sometimes being missed
- 25150.1 (30-May-2025): Fix an issue with userAccountControl setting of enabled/disabled via the Remote Sync Agent

- 25148.1 (28-May-2025): Add message size and error configuration options for gRPC that is used by remote sync/password/proxy agents
- 25139.1 (19-May-2025): Fix an issue with Google pagination
- 25118.2 (29-Apr-2025): Ensure we handle large USN values for refresh schema

Features

- Renamed Tenant Settings menu to Global Settings
- Renamed user role from tenant admin to global admin
- Tidied up the header area on the schedule page, including moving Staging Mode to the Global Settings menu
- Tidied up the remote sync agent UI
- Set the default invitation URL on a sync profile that creates guest accounts
- Standardised on * as the wildcard throughout
- **Added Refresh Schema as a right click option on the schedule**
- **Add remote agent proxy capability to proxy remote password agents and remote sync agents**
- **Updated remote sync and remote password agents to check Active Directory SCP for proxy agents to pass through**
- Updated the installer to support configuration for remote agents
- **Added ability to break a sync relationship between two objects**
- Added validation to ensure there is a remote password agent before allowing modern password sync to be selected on a Directory
- **Added ability to sync Entra ID extension attributes (not yet customAttributes from Exchange, but actual Entra extensions)**
- Added warning banner when Bulk Enrolment Token is close to expiring
- Removed Map Rules and Match Rules from the top-level menu, these are accessed only via Sync Profiles now
- Allowed Simple and Complex expression on the same mapping (They will be run in that order)
- Added a dependency on SQL service to have started for the PSP service when co-hosting on the same server
- Added more Ignored Objects based on partner feedback
- Added the ability to force targetAddress to NULL
- Added a feature to allow you to break a sync relationship, allowing the next sync to do a full re-match
- **Renamed UI instances of Azure AD to Entra ID**

- Adjusted the access logging on the server to create a daily log, up to 100 MB each and retaining 10 logs

Bug fixes

- Ensured that SMTP Domains works consistently in terms of allowing the protocol to be added/removed before checking the domain (for the likes of sip and smtp)
- Ensured that proxyAddresses processing happens even when the target object is a mailbox
- Improved full sync performance
- Provided a friendly error when remote agent certificate has not been generated after installing a remote sync or password agent
- Improved PSP Table first load performance
- Resolved Entra ID Group creation errors in certain circumstances

NOTE that upgrading to 3.1 requires you to edit and save every runbook so that the localisation information is added to the runbook

Release 3.0 (19-Jul-2024)

Features

- Gather user profiles from PSP MA agents
- Sync from Google
- Import/export full config
- Upgrade to .Net 8
- Additional Runbook Status Report
- Add sync profile templates for easier creation of new profiles
- Add remote agent capability for sync to allow syncing between disconnected networks
- Add remote agent capability for sync to allow password syncing without RC4 enabled
- Avoid the use of provisioning packages
- Security hardening following 3rd party penetration testing
- Add EULA acceptance to the installer
- Add support to do migration agent work without changing AD or the tenant (e.g. only changing the hybrid connection) and therefore not needing a translation table
- Provide a clear start and end message for when a runbook completes

- Provide a clear message for when the migration complete popup is shown for a user and when it is dismissed by the user
- Update RBAC to allow the Agent Operator to create and delete batches

Bug fixes

- Allow deletion of computers from a batch
- Change runbook available/start times being before now to warnings
- Fix issue with child Ous where the parent has special characters in its name
- Make the or/and toggle easier to see in complex expressions
- Fix issue with match only profile not saving the sync relationship
- Device queries to Entra ID were getting stuck due to paging issues, no corrected
- Entra joining a device now adds the standard Azure roles depending on tenant configuration

Note that upgrading to 3.0 requires a refresh schema for every directory and then a full import and full sync due to the internal changes in the database and catering for Google

Release 2.3 (18-Jul-2023)

Features

- Msi installer created
- Add support for export/import of some configuration items
- Sync owners for Azure AD Groups
- Switch to retrieving ObejctGUID instead of DNs for linked attributes

Release 2.2 (4-Apr-2023)

Features

- Added right click options on the Schedule
- Create a Sync Profile based on another
- Create a Sync Profile based on a template
- Devices imported from Azure AD limited to AADJ devices

- Staging Mode added
- Options added to allow the export of source OU structure to target
- Allow the use of an expression within Complex Expressions
- Make the UI more consistent in terms of sorting and filtering
- Automatically trigger Refresh Schema and Import Containers when creating a directory
- Make complex/simple expressions as case insensitive
- Pull back the PSP Migration Agent, last contact, OS and version

Release 2.1 (23-Feb-2023)

Features

- Replace the main UI with a more streamlined experience
- Add Single Object Report
- Add the matching criteria to the whatif report
- Implement RBAC model
- Replace WhatIf process with a view into the Export queue directly
- Add map/match tabs to the Sync Profile screen
- Add more context to the messages in the log
- Option to show the object from the log message
- Upgrade to .Net 6
- Allow the use of 'targetValue' in mapping complex expressions

Bugs fixed

- fixed an issue with proxyAddresses processing
- Schedule screen gets confused when there are more than 10 directories

Release 2.0 (7-Oct-2022)

Features

- Obfuscate the sync code

Bugs fixed

- Azure AD group member not importing when results split over multiple pages returned from graph
- Keep as is on target no longer clears mail related attributes

