



CTP AccountSync Overview

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What is CTP AccountSync?

An application that synchronizes user account information between disparate account/directory systems.

One user account system acts a Source and other account systems act as Destinations.

There can be only one Source account system, but multiple Destination account systems.

Features

- Currently supports these user account systems:
 - ADP Workforce Now (as a source only)
 - Windows Active Directory
- Fast execution
 - Processes approximately 500 user accounts per minute with moderate to low CPU and memory utilization
 - Can affordably be run multiple times per day
- Highly configurable
 - What the application does is totally controlled by a simple JSON configuration file
 - Contains a section for the Source account system
 - Contains one or more sections for Destination account systems

Features – cont'd

- Logging
 - General logging of the application's function to Windows event log
 - Audit logging of account creation/modification to file
- Account modification limited by account selection filters
 - Only Source accounts that pass the source account filter can become the source for account creation
 - Can be affordably run multiple times per day
- Highly configurable
 - What the application does is totally controlled by a simple JSON configuration file
 - Contains a section for the Source account system
 - Contains one or more sections for Destination account systems

Features – cont'd

- Logic engine
 - Performs evaluation of one or more fields in Source and Destination account systems to determine what user account attributes must be updated
 - Implements an IF-Then-Else logic
 - Can evaluate source and destination system account attributes:
 - To one another
 - To a constant value
 - To determine whether the value is contained in a list
- “What if” mode
 - Allows test synchronizations without actually synchronizing accounts, but logging results that would have occurred

Architecture

- Implemented as a command-line Windows application
 - Can be executed by Windows Task Scheduler
- Plug-in architecture
 - Enables easy expansion to other account systems

v.2

- Support for new account/directory systems
 - Azure Active Directory
 - SharePoint profiles
- Full monetization capability
 - Enabled by cloud
 - Subscription model
 - Application phones home
 - At execution time
 - At execution conclusion

Questions?