



## ADO++ Active Directory- Exchange Objektmanagement

ADO++ allows administrators to manage Active Directory objects and their Exchange properties, as this has been possible with the ADUC and the Exchange Extensions in former times. ADO++ covers the important tasks for managing Active Directory objects and their Exchange attributes. With Version 4.0, ADO++ now also support the management of Lync 2010 and 2013 propertoos of a Active-Directory user. No Powershell knowledge is needed to do this.

ADO++ displays the Active Directory objects in a structured LDAP directory tree view or in a flat browser view (similar to the Global Address List in Outlook).

ADO++ users can switch between different views on their Active Directory:

- LDAP treeview of the structure known from the ADUC
- List view similar to the Outlook GAL
- All Users list view
- All groups list view
- All Contacts list view

Between these views, the focus can be changed with a mouse click. ADO++ can be used to process users, groups, contacts, dynamic distribution lists, computer objects, and organizational units. In the browser windows, context menus are available and offer meaningfull actions on the selected objects. Additionally, bulk changes can be done on selected objects.

Selecting the Active Directory entry points: In ADO++, the entry points for viewing and managing Active Directory objects can be set in the domain context. This specification is different for objects to be processed and objects to be selected (eg group memberships) separately.

The specific AD container objects Computers, Users and Builtin, and computer objects can be hidden separately.

## Searching Objects in the Active Directory

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ADO++ has a powerful search engine for finding objects in the Active Directory. After pressing a key, a search window opens to enter a search criteria. An advanced search is also available. In the advanced search, attribute values can be combined for searching. Bulk changes can be performed on search results.

## Active Directory Objects

### Users

All relevant attributes are displayed and can be edited. A user object may be copied from another user. All important Exchange features of users can be processed:

- Create mailbox, create e-mail address
- Create archive mailbox (only 2010)
- Mailbox type: user, resource, shared mailbox, linked mailbox
- Change Mailbox type: user, resource, shared mailbox, linked mailbox
- Exchange Properties (message size etc)
- Calendar characteristics (2010)
- Export-Import Mailbox
- Show Mailbox statistics
- Delete Mailbox
- Mailbox permissions (including permissions SendAs, ReceiveAs)
- Mailbox permissions from Trusted Forests and NT 4 Domains
- Manage Exchange 2010 Automapping Feature
- Import Mailbox Data from PST
- Export Mailbox Data to PST
- Edit Delegates
- Edit policies

All important Lync attributes of users can be processed, users can be Lync enabled or Lync disabled:

- Generate and Edit SIP-Address
- Lync Telephone Mode
- Archiving Policy:
- Location Policy
- Mobility Policy
- Persistent Chat Policy
- Client Policy
- Voice Policy
- Dial Plan
- LineServer URI
- Line URI
- Conferencing Policy

- Client Version Policy
- PIN Policy
- External Access Policy

### Groups

All relevant attributes are displayed and can be edited. All important Exchange features of groups can be processed:

- Edit E-Mail addresses
- Edit Message Properties
- Edit Advanced Attributes

### Contacts

All relevant attributes are displayed and can be edited. All important Exchange features of contacts can be processed:

- Edit E-Mail addresses
- Edit Message Properties
- Edit Advanced Attributes

All important Lync attributes of contacts can be processed (conferencing phones) :

- Lync activate
- Generate and Edit SIP-Address
- Lync Telephone Mode
- Lync delete

### Organizational units

All relevant attributes of organizational units are displayed and can be edited.

### Dynamic Distributionlists(partially)

All relevant attributes are displayed and can be edited. All important Exchange features of Dynamic Distributionlists can be processed:

- Edit E-Mail addresses
- Edit Message Properties
- Edit Advanced Attributes

### Computer objects (partially)

All relevant attributes are displayed and can be edited.

### ADO++ advanced features

Beside the standard functions, ADO++ offers a set of tools to facilitate the administrators work:

#### Bulk / Mass changes

With ADO++, bulk changes can be performed on selected objects in the browser windows or based on the advanced search or selection.

#### Exchange 2010/2013 Role-Based Access Control - Administration

ADO++ provides a powerful graphic interface to configure the new Exchange 2010 RBAC access control features. With ADO++, the RBAC features can be used in a GUI without need of powershell knowledge.

- Edit Roll Groups, change, delete, membership
- Edit management role assignments, change, delete
- Edit roles, change, delete
- Edit managementscopes, change, delete
- Edit Role Entries, change, delete
- Edit End-user policies, change, delete
- Assigning End-User policies

#### Recover Deleted Active Directory Items

ADO++ provides a graphical user interface to recover deleted Active Directory objects. The corresponding object is simply selected and restored with one click, including the Exchange Mailbox.

#### CSV import of user objects

Via graphical user interface, the automated creation of users from CSV files can be done. A mix is possible between data from a CSV-File and data entered in forms.

## ADO++ Full Version additional features

The full version of ADO++ stores its configuration data in an SQL Server database. This may be an existing MS SQL-Server, or even a MS-SQL-Server, based on the free Express Editions. All relevant configuration informations of an ADO++-user will then be stored in the SQL-Server database. These are for example the entry points into the Active Directory as well as the permissions, the user has to manage objects in the Active Directory. The client installation then only needs this SQL-Server selected to get the configuration and work with it.

### Full version functional features

- Creation of individual user profiles for AD administrative access
- User Creation based on former created user templates
- Logging of all changes on AD objects changes on attribute level

## ADO++ compatibility

ADO++ is compatible with Exchange 2013, 2010, Exchange 2007, Exchange 2003 and Lync 2013 /Lync 2010. It supports the languages German and English. ADO++ can be installed on any localized windows and Active Directory.

## Installations requirements

- Windows 8, Windows 7, Windows Vista , Windows XP, 32 oder 64 Bit.
- Windows Server 2003, 2003 R2, 32 oder 64 Bit.
- Windows Server 2008, 32 oder 64 Bit.
- Windows Server 2008 R2, 64 Bit.
- Windows Server 2012
- .Net-Framework 2.0, 32 oder 64 Bit,
- Powershell 2.0, 3.0
- Exchange 2007 Management-Tools 32 or 64 Bit for the administration of Exchange-Attributes in a native Exchange 2007 Environment
- Some DLLs of Exchange 2003 System Manager to manage Exchange 2003 objects