DOCUPHASE

ADIS Manager
Admin Guide

DocuPhase 6.4

Last Revised: July 24, 2020

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Revision History

Item #	Release #	Revision Date	Description	Tracking Notes
002	6.4	06/15/2020	*Complete rewrite of entire document based on updates.*	DP-1400/JLancaster
000	6.3 and earlier	12/03/2019	*ORIGINAL* *based on existing document from 2012*	Rebranding of existing document with additions from SLomicka.

Introduction

Integration of *Active Directory Integration Service (ADIS)* allows for Single Sign-On[1] functionality within the DocuPhase platform and components. This is because ADIS allows for frequent replication of, and automatic synchronization between the Users and Groups from a network domain's Microsoft Active Directory Service, and those from DocuPhase. This results in the ability to manage Users and Groups in one location (i.e., MS Active Directory), rather than in both MS Active Directory and DocuPhase.
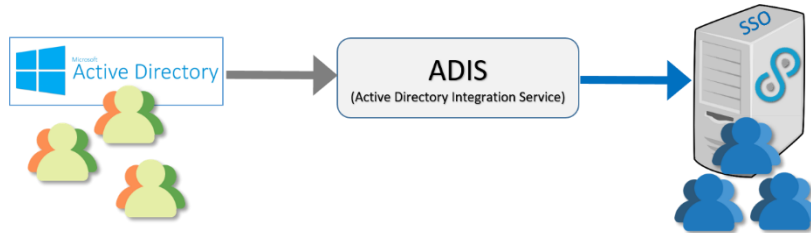
> **NOTE**
>
> *DocuPhase ADIS can also integrate its network Users and Groups defined within an LDAP (Lightweight Directory Access Protocol) domain. LDAP is an application protocol for accessing and maintaining distributed directory information services over an Internet Protocol (IP) network.*

Purpose of this Document

The intended audience for this guide is technical professionals (e.g., TPOCS, System Administrators, Technical Support, etc.) who are tasked with installing and configuring ADIS: generally for the purposes implementing Single Sign-on[1] functionality within the DocuPhase platform.

Assumptions

The following must be true in order to successfully configure and implement ADIS:

✓ Staff assigned to this task are:

- experienced and knowledgeable in Active Directory administration
- trained and certified as a DocuPhase TPOC
- a member of the Windows domain with permissions to access Active Directory Information.

✓ All server and system prerequisites have been installed (refer to DocuPhase Standard Requirements Specification Guide).

✓ The DocuPhase platform is installed, and successfully tested as http.

✓ Authorized staff running **ADIS Manager** must log into Windows as domain\user.

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[1] https://en.wikipedia.org/wiki/Single_sign-on, *also refer to the DocuPhase Single Sign-On Configuration Guide.*

Client Support Services

DocuPhase is committed to providing quality service and support for its customers and partners. If you have questions or concerns regarding any aspect of the DocuPhase system, please don't hesitate to contact us.

Who

As part of your Maintenance Program, a team of highly qualified and experienced Client Support Services team members is available to you for DocuPhase-related issues or questions you may have.

What

The standard Client Support Agreement includes:

- Software updates and upgrades
- Telephone and email support during local business hours
- Remote connect support during local business hours

When

You can contact Client Support Services during the following days and hours:

- Monday through Friday
- 8:00 AM EST to 5:00 PM EST

How

You may:

- Email us at support@DocuPhase.com
- Call us at (727) 441-8228
- Send a fax to (727) 444-4419
- Find additional support details at www.DocuPhase.com/support

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👍 **BEST PRACTICE**

When sending an email please use the following format:

- *In the Subject line: "Request for assistance with ADIS"*
- *In the Body of the email:*
  - *Give a brief description of the information you are looking to obtain.*
  - *Provide the best contact name, phone number, and email address.*

⊘ **IMPORTANT!**

- *Although Standard support does not include weekends, evenings, or holidays, you can still contact us for after-hours support for an additional fee. Please contact us (as noted above) for additional information or after-hours assistance.*

- *Enhanced support programs are available upon request.*

Overview of ADIS in DocuPhase

The ADIS product is comprised of two components: *ADIS Manager* and ADIS Service. These two components are responsible for initial and recurring synchronization of AD Groups and Users with those in DocuPhase.

ADIS Manager

The DocuPhase *ADIS Manager* communicates with Active Directory via LDAP, and is used to create and maintain the database configuration required by ADIS Service in order to enable (or disable) the continuous synchronization of Users and Groups.

> **NOTE**
>
> *You can use the DocuPhase ADIS tracelog file to review events occurring when ADIS Manager is in use. The default directory location and name of the tracelog file for* **ADIS Manager** *is is C:\ProgramData\DocuPhase\tracelogs▶ADISMANAGER*

ADIS Service

The service uses the database used by **ADIS Manager** to determine what Directory service is used to synchronize the users and groups, as well as how often to perform the synchronization.

✓ ADIS must be enabled in the *DocuPhase Config* file (see below)

✓ The *Activity Log* can be used to preview and confirm events that occur in *ADIS Manager* (see page 3)

> ⚠ **IMPORTANT!**
>
> - *As of version 6.1, the name of the iSynergy platform was changed to DocuPhase. For the purposes of this guide, references to "iSynergy" have been replaced by "DocuPhase". However, until an upgrade/update is performed, depending upon the version of the platform being run, there may still be files and paths that refer to "iSynergy" and or "iDatix" (e.g., 5.1 = iDatix / 6.0 = iSynergy / 6.1 (and later) = docuphase).*
> - *Single Sign-On (i.e., SSO)* <u>*must be enabled*</u> *in order for ADIS to update DocuPhase Users and Groups with Active Directory. You can make enable SSO in DocuPhase or by changing the value in the database configuration table.*
> - *Prior to running ADIS Service, ensure you have a valid backup of your DocuPhase database in the event a restore of your current DocuPhase user and group configurations is necessary.*
> - *Enhanced support programs are available upon request.*
> - *If ADIS Service fails to execute due to an invalid or no license, you must stop and restart ADIS Service once a valid license has been obtained.*

> 🗒 **NOTES**
>
> - *When Single Sign On is enabled with Active Directory, ADIS continuously synchronizes users, groups and group memberships between a domain Directory and the DocuPhase database that resides on a user-designated server.*
> - *Any program execution errors (including missing or invalid license errors) are detailed in the ADIS Service application log file located at: "C:\ProgramData\docuphase\tracelogs\AADISService.log"*

Enabling ADIS in DocuPhase

In the DocuPhase Service config file:

1) Set ADISService to "True", then save the file.

In DocuPhase Config Table:

2) Set 'SingleSignOn' to 'true', then save the file.

> **AND/OR**

In System Options within DocuPhase:

3) Set 'SingleSignOn' to 'true', then Update the setting.

ADIS Manager Interface Elements

Login Tab

Element	Use this element to...
Menus	
File	Save settings to the database, and/or Exit *ADIS Manager*. ⚠ **IMPORTANT!** *The ADIS Service does not run until a configuration is saved from ADIS Manager.*
About	Review the product and file version, iDatix contact information, and/or click [More Info] to access related log files.
Fields	
User Login Domain Name	Enter a new (or use the Default) name of the domain used to log into Windows. 📝 **NOTES** • *This field displays the default name of the domain used to log in to Windows by the current user. If you do enter a new value, a prompt appears asking you to verify the value entered.* • *The combination of a new User login domain name, and User login account name are added to DocuPhase as an official DocuPhase User name. (e.g., myDomain.myAccountName).*
Root Distinguished Name (Not required)	Enter the LDAP location of a group to create selected loading of that group. In other words, entering the location of only the group you want to see upon log in, only that group and its subgroup(s) load. 📝 **NOTE** *You can either find the LDAP group location in the configuration file, or you can log in normally, find the group and roll the mouse over the group name to display the location (see page 15 for more information.*
DNS Domain	Enter the full name of the domain server. The entered DNS Domain Name must consist of two or more parts with each part separated by a period. (e.g., domain.com) 💡 **TIP** *The entered DNS Domain Name must consist of two or more parts with each part separated by a period (e.g., domainname.servername.loc).*
User Name	Enter the domain account User Name of the authorized Active Directory administrator.
Password	Enter the domain login password that corresponds to the domain User Name.
DocuPhase – permissions-based fields that correspond to the credentials used to log into ADIS Manager.	
Server *(read only)*	See the DocuPhase server on which Users and Groups are synchronized with Active Directory Users and Groups.
User Name *(read only)*	See the DocuPhase server User Name of the User with the proper permissions to administer ADIS.

Groups & Users Tab

| Element	Use this element to...
Domain Navigation Tree	
⊞ / ⊟	Expand/Collapse a section to display more/fewer items.
☑ / ☐	Add a Group/User to the selected Group/User that you want to map. **TIP** *Each time you click on a group, the number of groups and their associated users appears in the bottom left corner of the ADIS Manager window:* Groups selected: 8 Users selected: 62.
DocuPhase Groups Tab (columns)	
Group	View the list of selected (from the Navigational Tree, described above) AD Groups to be associated with existing DocuPhase Groups.
DocuPhase Group	View the list of DocuPhase Groups associated with selected (from the Navigational Tree, described above) AD Groups.
Link	Open a dialog window that lets you map (i.e., directly associate) the corresponding AD Group with its DocuPhase Group counterpart. You can use this same feature to unmap Groups between AD and DocuPhase (see page 8 for more information).
Status	See the status of each set of linked Groups (e.g., "New" would indicate that a new Group was added in AD and used to create its counterpart in DocuPhase, or vice versa).
DocuPhase Users Tab	
User	View the list of selected (from the Navigational Tree, described above) AD Users to be associated with existing DocuPhase Users.
DocuPhase User	View the list of DocuPhase Users associated with selected (from the Navigational Tree, described above) AD Users.
Link	Open a dialog window that lets you map (i.e., directly associate) the corresponding AD Users with their DocuPhase User counterparts. You can use this same feature to unmap Users between AD and DocuPhase (see page 8 for more information).
Status	See the status of each set of linked Users (e.g., "New" would indicate that a new User was added in AD and used to create its counterpart in DocuPhase, or vice versa).

Logging In

Once you log into *ADIS Manager*, you will then need to log into the Domain Server.

From the desktop:

1) Click the **ADIS Mgr** shortcut icon ( ), then log into the server to display the *ADIS Manager* login screen.

Under the ADIS Manager Login tab:

2) Enter the following:
   - ✓ **User Login Domain Name**
   - ✓ **DNS Domain** (e.g., xxx.xxx.x.xx)
   - ✓ **Root Distinguished Name** (Not required) – see page 15 for more information.
   - ✓ **User Name**
   - ✓ **Password**

3) Click [Login] to display the *ADIS Manager* **Groups & Users** tab.
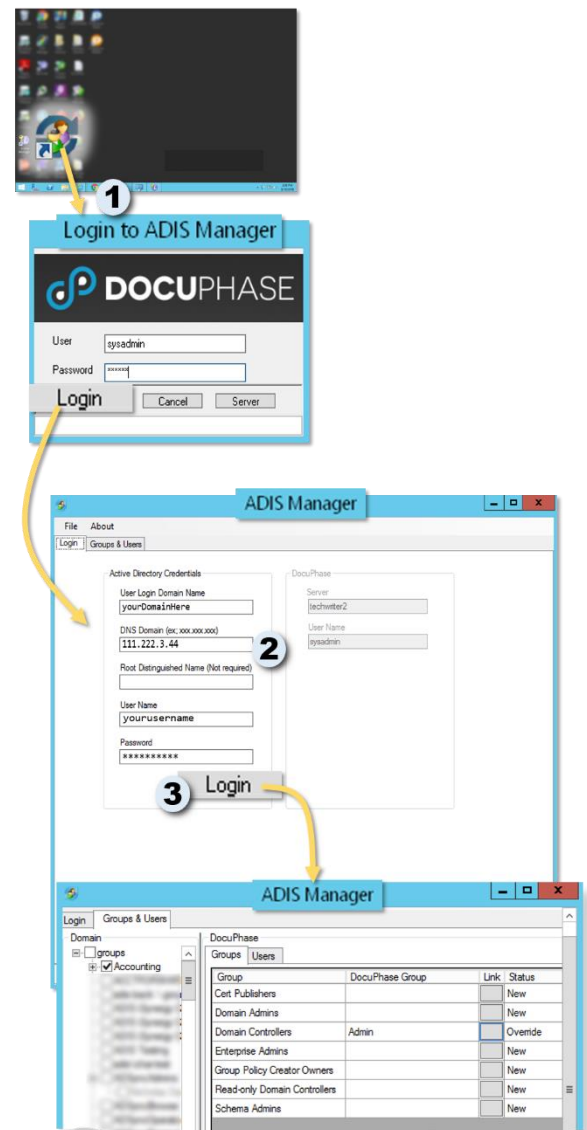
Synchronizing Groups and Users

> ## IMPORTANT!
> - *The only DocuPhase user that is not synchronized with Active Directory is the sysadmin user.*
> - *ADIS does not make any changes to sysadmin, except for the following condition: If sysadmin is a member of an DocuPhase group is subsequently deleted from DocuPhase because it does not exist within Active Directory, the group is still deleted even though sysadmin is still a member.*

How DocuPhase Manages Active Directory Nested Groups and Their Users

The organization and administration of users in Active Directory may be improved when one or more groups are placed within another group: making them subgroups (i.e., nested groups). Because of this, DocuPhase *ADIS Manager* has been designed to not only accommodate multiple levels of nested Active Directory and LDAP subgroups, but to detect, warn and protect against recursive group definition failures, as well.

While multilevel AD groups improve the organizational and administrative convenience available in the Active Directory , each corresponding Group in DocuPhase contains all the users combined (with no repeats) into a single-level group for ease of administration from within *ADIS Manager*.

EXAMPLE

1 Main Group with 7 sub (or nested) groups

19 users Combined, but 3 of the users appear in multiple groups

DocuPhase combines all the users into one list.

Any that are in multiple AD groups only show once in DocuPhase: only belonging to the 1 Main AD Group (e.g., Purchasing in this case).

Synchronization Behaviors

> **(!) IMPORTANT!**
> *Be sure that all Groups and Users you want to link to the AD Groups and Users have already been created from within DocuPhase.*

Synchronization between Active Directory and DocuPhase users, groups and group memberships occurs according to the following rules:

- ADIS compares Active Directory group names to DocuPhase group names to determine whether or not a group exists; it then compares Active Directory email addresses to DocuPhase email addresses to determine if a user exists.

- Once a group/user is found to exist in Active Directory, but not in DocuPhase - the group/user is created in DocuPhase.

> **NOTE**
> *The new DocuPhase user name is the combination of the Active Directory domain name and the account name separated by a period (e.g., domainName.mSmith).*

- If a user account is disabled within Active Directory, the user is not added to DocuPhase. If a user is disabled in DocuPhase, but left enabled in Active Directory, the user will remain enabled in *ADIS Manager*. Therefore, if you need to disable a user's single sign-on account, you need to do so from within Active Directory.

- The DocuPhase password assigned by ADIS to a new user is an encrypted random value unknown to the user.

- For DocuPhase products that require a manual log in (e.g., ScanDox, Upload Manager, License Manager, etc. user requires a password in order to log into an DocuPhase product that requires a manual login (i.e., does not support Single Sign On), a password can be assigned by the DocuPhase administrator from within DocuPhase. ADIS will not override passwords assigned to existing DocuPhase users.

- Users and Groups created within DocuPhase <u>are not removed</u> if they do not exist in Active Directory.

- Password Expiration ...

  - ✓ is synchronized with Active Directory only.
  - ✓ is determined by the Expiration value.
  - ✓ is set to Disable Account status when an existing user changes from enabled to disabled within Active Directory.
  - ✓ is set to Never Expires status when an existing user changes from disabled to enabled within Active Directory.
  - ✓ is overridden, and the account is disabled if that user becomes disabled within Active Directory. However, if a password for an existing DocuPhase user is overridden by a DocuPhase administrator, the password or the Login Expiration assigned by the administrator is not overridden.

Linking AD Groups and Users with their DocuPhase Counterparts

> ⚠ **IMPORTANT!**
> - *DocuPhase Services must be running, and that Single Sign-On must be set to true in the DocuPhase System Options and Config file in order to synchronize groups and users.*
> - *Once a new-domain.group is linked to an old-domain.group via ADIS, the old-domain.group gets overwritten automatically without dedicated backup. If this occurs, we have two options: rebuild the permissions by hand or refresh the DocuPhase database(s) to a state before the ADIS sync occurred. Please seek direction from the Support Manager if this occurs.*

In the AD column, under the Groups and Users tab

1) Select one or more AD Groups (including subgroups as appropriate) to display them under the **Groups** subtab on right.

> 💡 **TIP**
> *Remember that nested AD Groups are combined into one parent Group in DocuPhase. See **How DocuPhase Manages Active Directory Nested Groups and Their Users** on page 3).*

2) Go to **File-▶Save** to display a warning prompt that changes are about to be made.

3) Click ⬚Yes to close the **Warning**, and begin synchronization.
   - *A confirmation prompt appears once the save is complete.*

Once changes are saved:

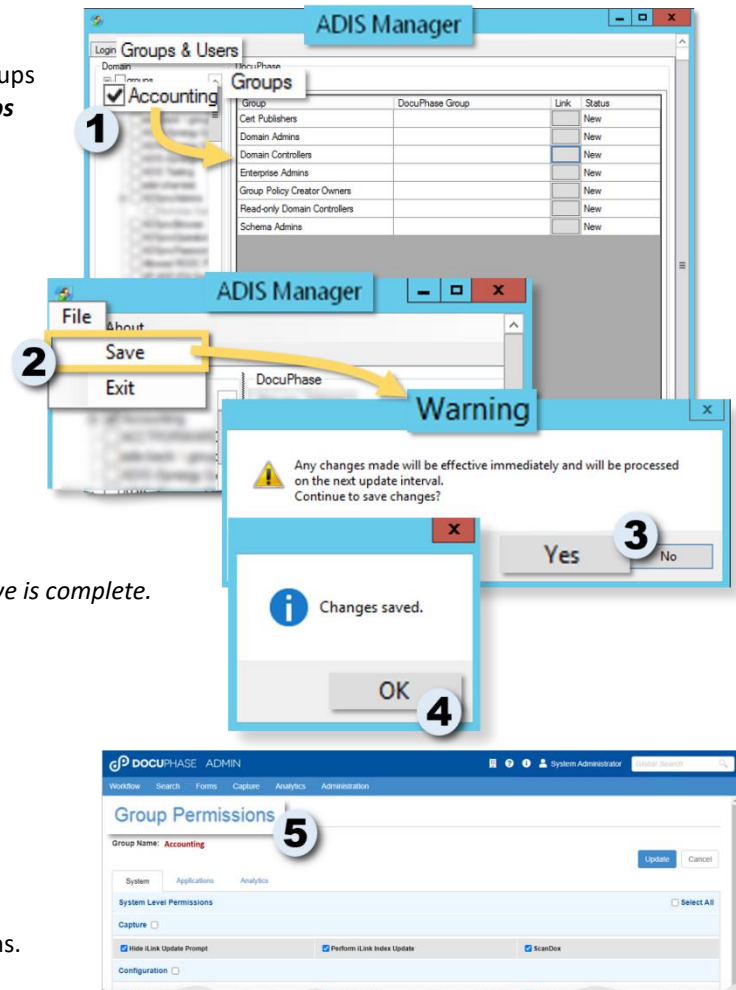4) Click OK to close the confirmation prompt.

> 💡 **TIP**
> *Check the Activity Log to verify successful synchronization (see page 3).*

Once Synchronization is verified:

5) Log into DocuPhase, and verify group permissions.

> 💡 **TIPS**
> - *To unlink groups and/or users, click ⬚ next to the group/user you want to unlink, and display the corresponding window (i.e., Link to Group or Link to User) window.*
>
>   *Click Unlink to remove the link, and return to the Groups or Users subtab: the AD Group/User is no longer linked to the DocuPhase Group/User.*
>
> - *You can also manually link Groups (see page 13) and Users (see page 14).*
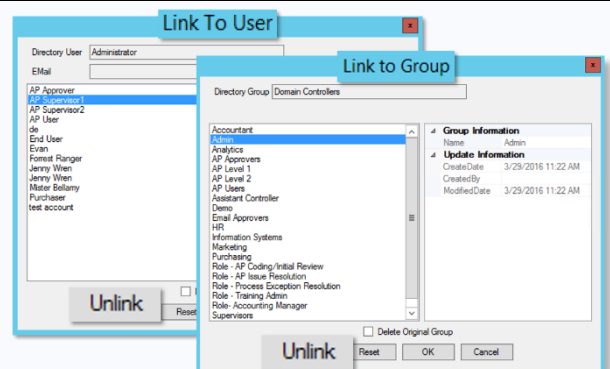
Use the Activity/Trace Log to Make Sure ADIS Is Working as Expected

You can use the ADIS tracelog data to review any changes to Groups and Users

---

(!) IMPORTANT!

- *Starting in 6.4, the activity.log file is no longer produced as the user/group. Instead, it is created i by the shared code between AADIS (Azure Active Directory Integration Service) and ADIS.*

- *The uninstallation process of ADIS Service deletes all of the contents of the ADIS Service folder. Therefore, should it become necessary at any point to uninstall ADIS Service, it's a good idea to retain a copy of the activity log. Prior to the uninstallation, place a copy of the activity log in a safe location for future reference, as needed.*

NOTE

- *The default directory location and name of the activity log file is C:\ProgramData\DocuPhase\tracelogs*

- *The first time ADIS Service is run, a log file is created that contains updates that occur during user and group synchronization.*

EXAMPLE

To go to the tracelog information for ADIS Manager:

1) Go to ProgramData\DocuPhase\Tracelogs>DocuPhaseServiceLog.

   - *The user/group active directory ids are populated.*

In SQL:

2) Run the following scripts to make sure users and groups are populated with the proper values shown in the '**AttributeValue**' column:

```
SELECT top 100 * from DocuPhase..UserAttributes ua
JOIN Docuphase..UserAttributeDefinition uad on uad.UserAttributeDefinitionID =
ua.UserAttributeDefinitionID
WHERE uad.Provider='ADIS' AND uad.Name='sso' order by UserAttributeID desc


select top 100 * from DocuPhase..UserGroupAttributes uga
join Docuphase..UserGroupAttributeDefinition ugad on ugad.UserGroupAttributeDefinitionID =
uga.UserGroupAttributeDefinitionID
WHERE ugad.Provider='ADIS' AND ugad.Name='sso'
order by UserGroupAttributeID desc
```

(ϙ) TIPS

As a comparison to how the information appeared In versions prior to 6.4, the tracelog was based on the following scripts to verify the column labeled,'DirectoryIdentifier':

*SELECT top 100 * from DocuPhase..Users, WHERE ISNULL(DirectoryIdentifier,'00000000-0000-0000-0000-000000000000')
<> '00000000-0000-0000-0000-000000000000'.*

*SELECT top 100 * from DocuPhase..UserGroups, WHERE ISNULL(DirectoryIdentifier,'00000000-0000-0000-0000-000000000000') <> '00000000-0000-0000-0000-000000000000'*

Appendices

Appendix A - Migrating 6.3 (or earlier) Groups and Users when Upgrading to 6.4 (or later)

As of 6.4, all of the configuration now resides in the ProductSettings table with the ProductName = 'ADIS' and the SettingName = 'Configuration'. Therefore, any existing ADIS file configuration is not be loaded. Therefore, once you have upgraded to version 6.4 (or later), you'll need to check for the ADIS config file, then migrate any groups and users that existed in 6.3.

1) **BEFORE MIGRATION: Backup the current configuration** (either in the database or in a configuration file).

2) **To find the Config File:**
   Run the following SQL Query:

   ```
   SELECT * FROM
   ProductSettings (where
   ProductName = 'ADIS' and
   SettingName =
   'Configuration')
   ```


If the configuration is not in the list
(i.e., already in the database), skip to step 5.

OR

If the configuration is only in the xml config (i.e., ProgramData\DocuPhase\ADIS\adis.xml):

3) Convert the xml to json using the following tool: https://www.freeformatter.com/xml-to-json-converter.html

After the conversion is complete:

4) Open the file in Notepad ++.

5) Verify the ldap_root_paths are in the **correct** format, as shown below:

   ```
   "ldap_root_paths": [
       "LDAP://IDATIX.LOC/CN=Development,OU=Groups,OU=iDatix,DC=idatix,DC=loc",
       "LDAP://IDATIX.LOC/CN=Development1,OU=Groups,OU=iDatix,DC=idatix,DC=loc",
       "LDAP://IDATIX.LOC/CN=Development2,OU=Groups,OU=iDatix,DC=idatix,DC=loc"
       ]
   },
   ```

If the format is correct, skip to step 8.

OR

If resulting conversion does NOT match the above format, but instead appears as follows:

   ```
   "ldap_root_paths": [
       {
           "@type": "xsd:string",
           "#text": "LDAP://IDATIX.LOC/CN=Development,OU=Groups,OU=iDatix,DC=idatix,DC=loc"
       },
       {
           "@type": "xsd:string",
           "#text": "LDAP://IDATIX.LOC/CN=Development,OU=Groups,OU=iDatix,DC=idatix,DC=loc"
       },
       {
           "@type": "xsd:string",
           "#text": "LDAP://IDATIX.LOC/CN=Development,OU=Groups,OU=iDatix,DC=idatix,DC=loc"
       },
       {
           "@type": "xsd:string",
           "#text": "LDAP://IDATIX.LOC/CN=Development,OU=Groups,OU=iDatix,DC=idatix,DC=loc"
       }
       ]
   ```

Correcting Format (continued on next page)

Correcting Format (continued)

6) Remove the extra data.

EXAMPLE

Delete the last grouping of code.

```
"ldap_root_paths": [
    {
        "@type": "xsd:string",
        "#text": "LDAP://IDATIX.LOC/CN=Development,OU=Groups,OU=iDatix,DC=
    },
    {
        "@type": "xsd:string",
        "#text": "LDAP://IDATIX.LOC/CN=Development,OU=Groups,OU=iDatix,DC=
    },
    {
        "@type": "xsd:string",
        "#text": "LDAP://IDATIX.LOC/CN=Development,OU=Groups,OU=iDatix,DC=
    },
    {
        "@type": "xsd:string",
        "#text": "LDAP://IDATIX.LOC/CN=Development,OU=Groups,OU=iDatix,DC=loc"
    }
]
```

Resulting code should look like this, then go to step 7.

```
"ldap_root_paths": [
    {
        "@type": "xsd:string",
        "#text": "LDAP://IDATIX.LOC/CN=Development,OU=Groups,OU=iDatix,DC=idatix,DC=loc"
    },
    {
        "@type": "xsd:string",
        "#text": "LDAP://IDATIX.LOC/CN=Development,OU=Groups,OU=iDatix,DC=idatix,DC=loc"
    },
    {
        "@type": "xsd:string",
        "#text": "LDAP://IDATIX.LOC/CN=Development,OU=Groups,OU=iDatix,DC=idatix,DC=loc"
    },
]
```
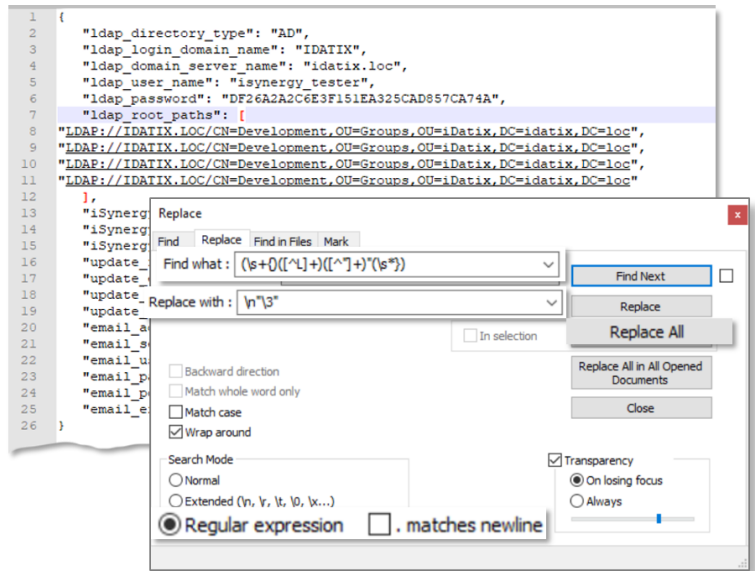
7) Perform a Search and replace as follows:

✓ *Find:*

   (\s+{}([^L]+)([^"]+)"(\s})*

✓ *Replace with:* *\n"\3"*

✓ *Make sure you have "**Regular Expression**" selected.*

NOTE

Because you are using the Regular Expression option, the existing code format is replaced by the correct format shown in step 3 (on the previous page).

Once the format shows as correct:

8) Run the following script to update the value in the database after setting the **@newConfigValue** variable from notepad++ with the new JSON formatted config:

```
DECLARE @ProductName VARCHAR(4) = 'ADIS',
@SettingName VARCHAR(13) = 'Configuration',
@newConfigValue VARCHAR(MAX)

--Insert new configuration in this variable
SET @newConfigValue = '';

IF(@newConfigValue IS NULL OR @newConfigValue = '')
BEGIN
PRINT 'You must specify the configuration in @newConfigValue'
RETURN
END

IF EXISTS(SELECT * FROM ProductSettings WHERE ProductName = @ProductName AND SettingName = @SettingName)
BEGIN
PRINT 'Updating configuration'
UPDATE ProductSettings
SET SettingData = @newConfigValue
WHERE ProductName = @ProductName and SettingName = @SettingName
END
ELSE
BEGIN
PRINT 'Inserting configuration'
INSERT INTO ProductSettings(ProductName,SettingName,SettingData)
VALUES(@ProductName,@SettingName,@newConfigValue)
END
```
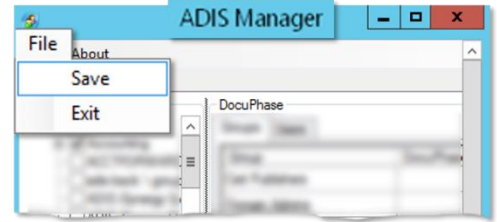
Correcting Format (continued)

9) Log into **ADIS Manager**.

10) Go to **File-▶Save** to remove any extra variables from 6.3 that are in the configuration.

To confirm the above changes have been saved:

11) Verify that the "ActiveDirectoryAuthenticationType" parameter exists in the database configuration using the following SQL query.

```
SELECT * FROM ProductSettings WHERE ProductName = 'ADIS' AND SettingName = 'Configuration'
```

Appendix B - Manually Linking Groups and Users

Sometimes, for various reasons, you may been to manually link Groups and/or Users between AD and **ADIS Manager**. The following shows how this can be done, when necessary.

Link Groups
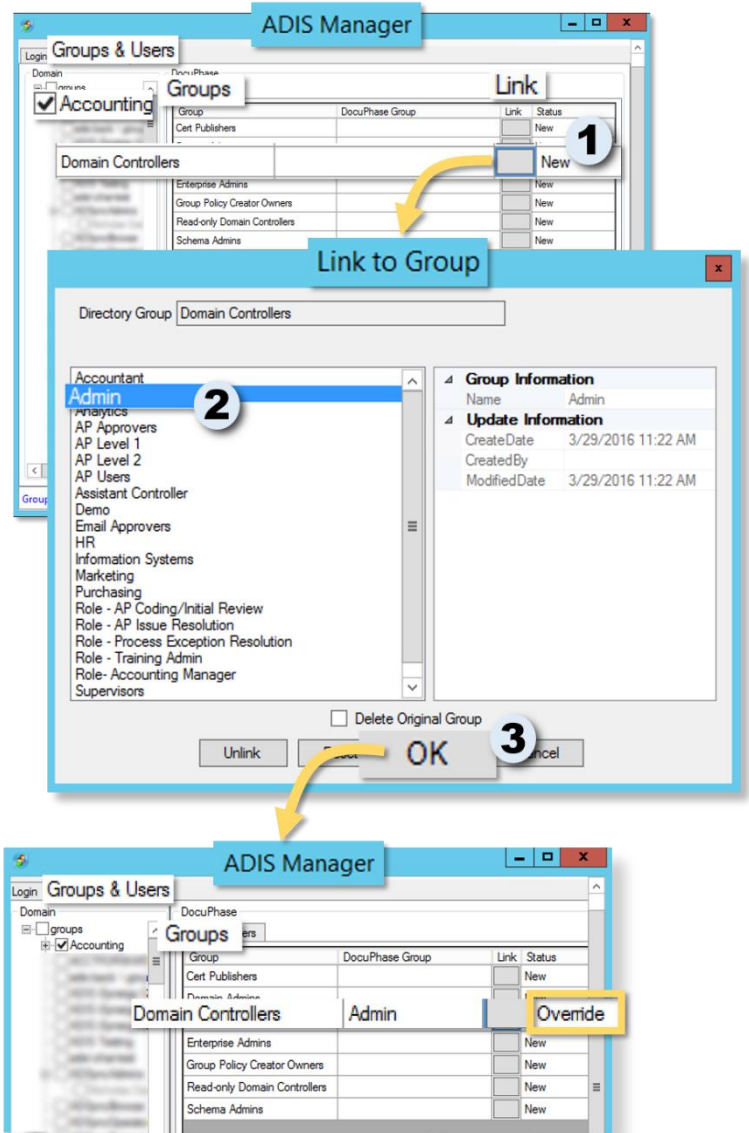*(and their subgroups and users)*

In the list of AD Groups under the Groups subtab:

1) Find the AD Group you want to associate with an existing DocuPhase Group, then click ☐ to display the **Link to Group** window.

In the left column of the the Link to Group window:

2) Select the DocuPhase Group you want to associate with the selected AD Group (as well as its subgroups and users).

3) Click OK to complete the selection, and return to the **Groups** subtab.

- *Once synchronization* is complete, the Group's status changes to Override.*

Repeat the above steps for each AD group that needs to be linked to a DocuPhase group.

*Because ADIS Service is continually running, synchronization should complete fairly quickly.

Link Users

### In the list of AD Users under the Users subtab:

1) Find the AD User you want to associate with an existing DocuPhase User, then click ▢ to display the **Link to User** window.

In the left column of the the Link to Group window:

2) Select the DocuPhase User you want to associate with the selected AD User.

3) Click OK to complete the selection, and return to the **Users** subtab.

 Once synchronization* is complete, the User's status changes to Override.

 Repeat the above steps for each AD User that needs to be linked to a DocuPhase User.
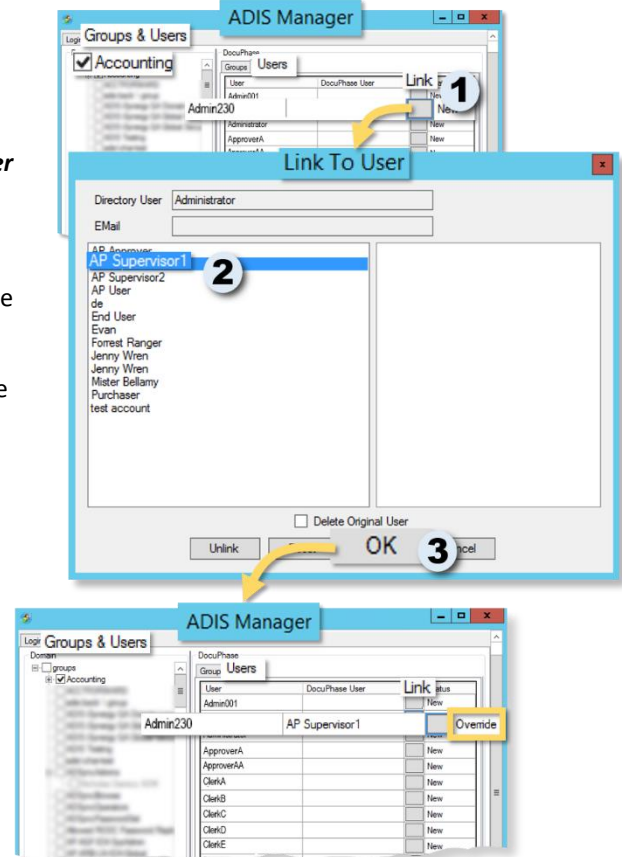
Appendix C - Setting up Selective Loading of Groups

You can use the Root Distinguished Name field on the **ADIS Manager** login screen to display a single group (with any nested groups it contains) upon login. This is helpful when there is a long list of AD Groups, but only one group requires synchronization by a specific user.

> 🗒 **NOTE**
>
> *The LDAP location is needed in order to set up this option. If you don't know the Groups location, you can find it by logging into **ADIS Manager**, finding the group, then passing the mouse over the group name to display the LDAP location.*

1) Find the LDAP location

*In the Root Distinguished, when logging into ADIS Manager:*

2) Enter the LDAP location from step 1, above.

Once all information is entered for login:

3) Click Login to display a warning about selected Groups being discarded (in favor of displaying the Group specified in step 2, above).

In the Warning prompt:

4) Click ok to close the Warning and display the Group specified in Step 2.
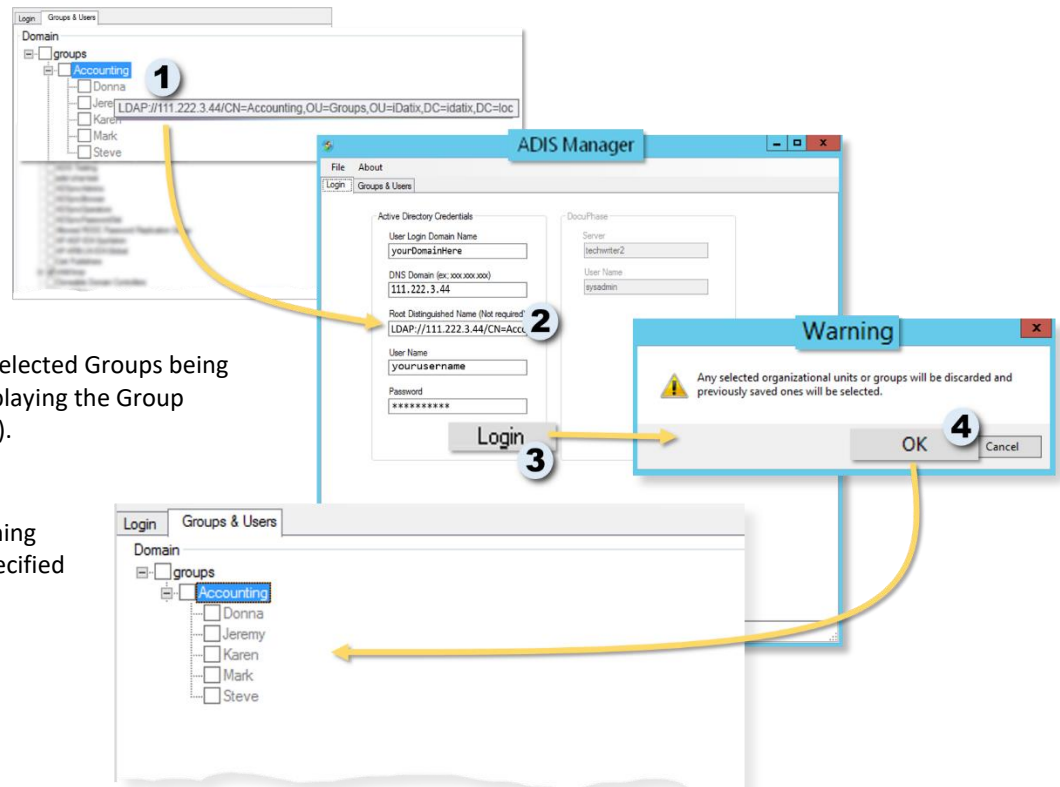
Appendix D - Configure ADIS to Use Alternate Authentication

In some network configurations or Active Directory setups, the default Authentication type of "Secure" can be slow to return results. However, there is a configuration parameter in the JSON config for *ADIS Manager* and Service that allows you to change the Authentication method used to connect between the DocuPhase systems and a client Active Directory system.

1) **Make a backup** of the current configuration

2) Run the following SQL statement, then save the results off the customer site.

```
SELECT SettingData FROM ProductSettings WHERE ProductName = 'ADIS' AND SettingName = 'Configuration'
```

3) Replace the configuration in the following script with the configuration from the client system.

```
UPDATE ProductSettingsSET SettingData = 'REPLACE ME WITH THE NEW SETTINGS VALUE'
WHERE ProductName = 'ADIS' AND SettingName = 'Configuration'
```

4) Update the following section in the script to match client requirements (see ActiveDirectory AuthenticationTypes for more information).

> 👉 **EXAMPLE**
> *You can use combinations of the Field names. For instance, the default is:*
> - "ActiveDirectoryAuthenticationType":"Secure, ReadonlyServer"
> - "ActiveDirectoryAuthenticationType":"ServerBind, ReadonlyServer"

5) Run the script

6) Make sure *ADIS Manager* is closed.

7) Launch *ADIS Manager* from the system that runs the ADIS Service.

8) Login to verify successful connection.

```
{
    "ldap_login_domain_name": "idatix",
    "ldap_domain_server_name": "",
    "ldap_root_distinguished_name": "",
    "ldap_user_name": "",
    "ldap_password": "",
    "ldap_root_paths": [],
    "iSynergy_server": "",
    "iSynergy_user_name": "",
    "iSynergy_password": "",
    "ActiveDirectoryAuthenticationType": "Secure, ReadonlyServer"
}
```