



User management using Active Directory

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Integriti software V3.2.1.7836

Introduction

Users in Integriti can be synchronised with Active Directory. When a user is created in Active Directory, the Active Directory Synchronisation communications handler will detect the change and add, update or remove the user within Integriti (depending on configuration settings).

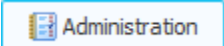
User synchronisation requires an 'Active Directory Users' license.

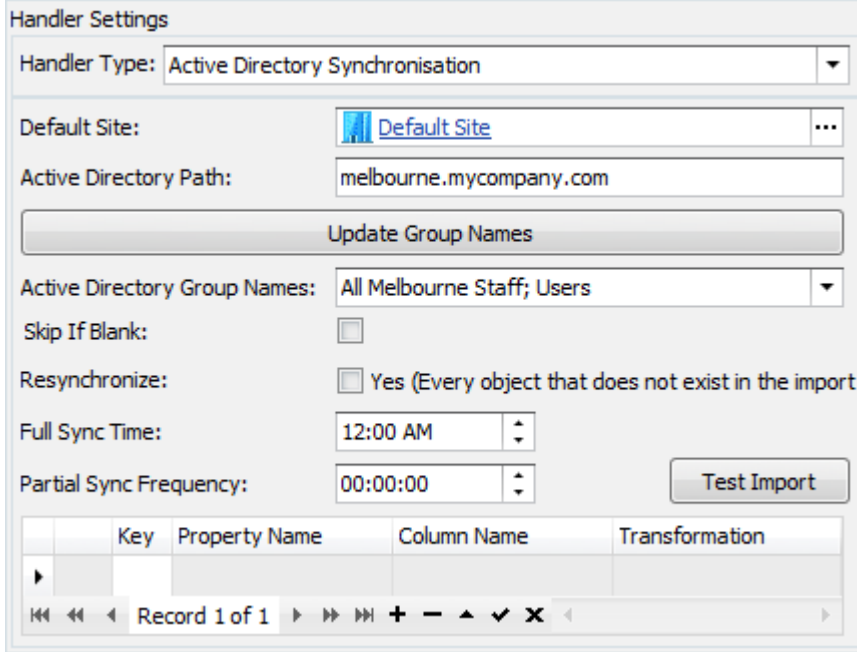
The Integriti Application Server is the service that requires AD read access. The domain administrator will be required to make these changes. There are two methods to get this communications handler to work:

- Attach the PC that is running as the Integriti server to a Domain that belongs to a group with an AD security policy allowing read access.
- The user account that is used to launch the Integriti Application Server is part of the Domain and belongs to a group with an AD security policy allowing read access.

User synchronisation requires a unique key for the purpose of looking up AD users against Integriti users. A unique key can be configured in the import configuration table. See the section titled 'Using the import configuration table' for more detail.

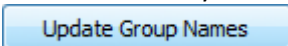
Configuring Integriti for Active Directory synchronisation

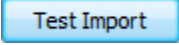
1. Click on the  Administration tab followed by .
2. Click . The Editor Window for a new Communications Handler should appear.



The screenshot shows the 'Handler Settings' dialog box. The 'Handler Type' is set to 'Active Directory Synchronisation'. The 'Default Site' is 'Default Site'. The 'Active Directory Path' is 'melbourne.mycompany.com'. There is an 'Update Group Names' button. The 'Active Directory Group Names' dropdown is set to 'All Melbourne Staff; Users'. There are checkboxes for 'Skip If Blank' and 'Resynchronize: Yes (Every object that does not exist in the import)'. The 'Full Sync Time' is '12:00 AM' and the 'Partial Sync Frequency' is '00:00:00'. A 'Test Import' button is present. At the bottom, there is a table with columns: Key, Property Name, Column Name, and Transformation. The table shows 'Record 1 of 1'.

Key	Property Name	Column Name	Transformation

3. Give the Communications Handler a name.
4. On the right-hand side under Handler Settings, change the Handler Type to 'Active Directory Synchronisation'.
5. Optionally change the Default Site from the Default top level site if you want to restrain AD users to a particular site within Integriti.
6. Enter the Active Directory Path. E.g. 'corporate.mycompany.com'.
7. Click on . This will update the list of available domain groups in the 'Active Directory Group Names' field.
If the Editor Window for this communications handler is opened, the domain controller will be queried and the 'Active Directory Group Names' field will populate with a list of available options.
8. Drop-down the 'Active Directory Group Names' list box and select the appropriate groups.
9. Ticking the Skip If Blank option will stop Integriti user fields from getting blanked when the corresponding AD user has no data in matching fields.
10. Resynchronize option allows deletion of users from the specified site in Integriti that don't (or no longer) exist in the Domain controller. When a resynchronisation occurs, all of the AD users will be updated, added and/or removed from Integriti. If this option is not ticked, users are only added and updated.
11. Full Sync Time refers to the time that the Resynchronization will occur each day.

12. A partial sync is carried out at the interval specified in the 'Partial Sync Frequency' field. This time specified in this field is a frequency in hours, minutes and seconds. Partial syncs only update user changes
13. The import configuration table at the bottom of the Editor Window is used to map AD user attributes to Integriti users.
14. Use  to open a window showing the AD user records and how they would be parsed in to Integriti according to the configuration of the import configuration table.
15. Save and close the editor window for the Communications Handler. When the Communications Handler is saved, the communications handler will carry out an initial full synchronization of the AD users.

Using the import configuration table

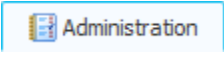
The import configuration table is used to map user fields (Property Name) to AD user fields (Column Name). Depending on your Domain configuration and permissions, you may find that there are a number of AD user fields

A unique key is required for the purposes of maintaining the users in Integriti. Use of the AD users 'objectGUID' is strongly recommended for this purpose.

At the time of writing the recommended method for creating a unique key lookup is to do the following:

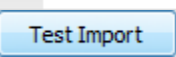
1. Create a custom user field



2. Click on the  Administration tab followed by .
3. Click  Add New. The Editor Window for a new Custom Field should appear.
4. Give the custom field a name of 'objectGUID'.
5. Leave the Item Type as 'User'.
6. Change the Category Name to 'AD Integration'.
7. Leave the Field Type as 'Text'.
8. Save and close the editor window for the Custom Field.
9. Open the Active Directory communications Handler. If you have not created the communication handler yet, refer to the section above.
10. In the import configuration table, set the Property Name and Column Name to 'objectGUID'.
11. Put a tick in the Key column.

	Key	Property Name	Column Name	Transformation
	☐	Name	name	
		Notes	info	
		Expiry Date Time	accountExpires	
▶	☒	objectGUID	objectGUID	
*				

Record 4 of 4

12. Click  Test Import to ensure the import configuration table is set up correctly.
13. Save and close the communications handler editor window.

The Key tick box option needs to be set on one unique row. If this has not been configured correctly the communications handler will duplicate all AD users at each Partial Sync interval.