



ADDS Inventory

Inventory advanced ADDS properties

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AUTHOR	Docusnap Consulting
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CONTENTS

1. Introduction	4
2. Basics	5
3. Adding ADDS properties	6
3.1 Collect necessary values	6
3.2 Create and assign ADDS property in Docusnap	7
4. Analysis options	9

1. Introduction

Active Directory includes various objects with many properties that describe these objects in more detail.

During the ADDS inventory, DocuSnap inventories these objects with a selection of the associated properties. If, when reviewing the inventoried information, you discover that properties you use have not been inventoried, you can add them to the ADDS inventory after the fact.

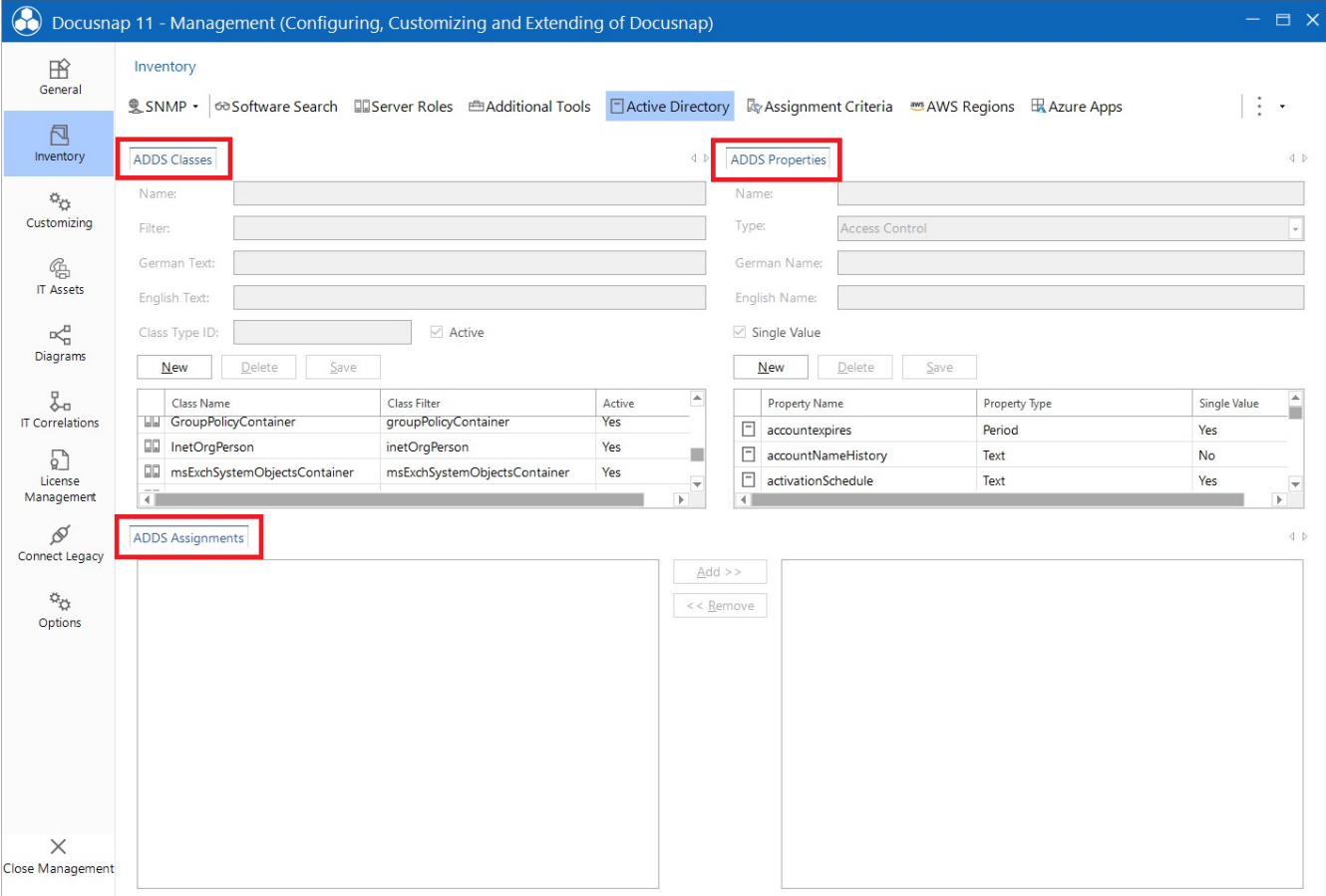
A possible application example here is the use of the ADDS properties extensionAttributes (1 to 15) to maintain additional information within the Active Directories - or also the ADDS properties Employee-ID and Employee-Number.

The following HowTo describes how you can extend the ADDS inventory with additional properties and then also evaluate them.

2. Basics

In Docusnap Administration, you will find Active Directory Management in the Inventory section. Within this you can

- Customize and extend ADDS classes
- Customize and extend ADDS properties
- Assign newly added ADDS properties to their associated classes (ADDS Assignments).



Docusnap 11 - Management (Configuring, Customizing and Extending of Docusnap)

Inventory

SNMP | Software Search | Server Roles | Additional Tools | **Active Directory** | Assignment Criteria | AWS Regions | Azure Apps

ADDS Classes | **ADDS Properties**

Name: Filter: German Text: English Text: Class Type ID: Active

Class Name	Class Filter	Active
GroupPolicyContainer	groupPolicyContainer	Yes
InetOrgPerson	inetOrgPerson	Yes
msExchSystemObjectsContainer	msExchSystemObjectsContainer	Yes

Name: Type: German Name: English Name: Single Value

Property Name	Property Type	Single Value
accountexpires	Period	Yes
accountNameHistory	Text	No
activationSchedule	Text	Yes

ADDS Assignments

Close Management

Figure 1 - Active Directory Administration in Docusnap Administration

3. Adding ADDS properties

3.1 Collect necessary values

The first step in adding new ADDS properties is to collect the information necessary in DocuSnap. DocuSnap requires the following values for adding new ADDS properties:

- Name

The name of the property must match the name that the property or attribute has in Active Directory.

- Type

The type defines the value of the property.

- German Name / English Name

Name of the property as it should be named during the inventory in DocuSnap.

- Single value

The checkbox indicates whether this property can be found multiple times per class (e.g., mail addresses) or whether this value exists only once (e.g., name).

Microsoft provides corresponding information within the DOCS - e.g., you can find the documentation for the [Employee-ID attribute](#).

3.2 Create and assign ADDS property in Docusnap

After the values are collected, go to Administration - Inventory - Active Directory and select New below ADDS Properties.

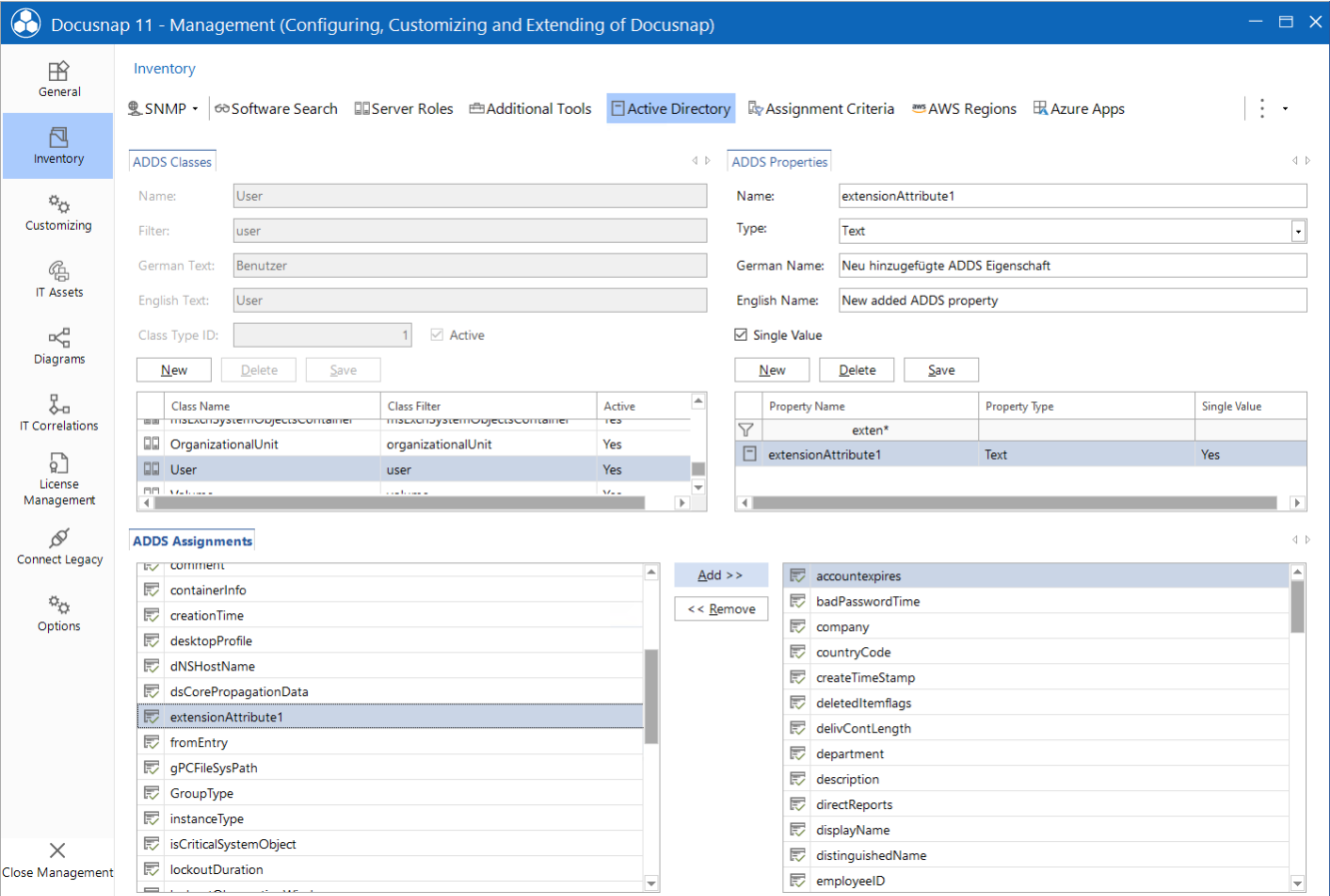
In this example, the extensionAttribute1 will be added to Docusnap:

- Name: extensionAttribute1
- Type: Text
- German Name: Neu hinzugefügte ADDS Eigenschaft
- English Name: New added ADDS property
- Single value: Yes (Active)

After saving, the new property must be assigned to the ADDS class(es).

To do this, first select the corresponding ADDS class - in this example it is the users.

Now, below the ADDS assignment, on the left side, all existing and not yet assigned ADDS properties are listed. Find the newly created property - select it and the Add button adds the new property to the class.



The screenshot shows the Docusnap 11 - Management interface. The main window is titled "Inventory" and has a navigation menu on the left with options like General, Inventory, Customizing, IT Assets, Diagrams, IT Correlations, License Management, Connect Legacy, and Options. The main content area is divided into several sections:

- ADD Classes:** A table listing existing classes. The "User" class is selected, with a filter of "user" and German/English text "Benutzer" and "User".
- ADDS Properties:** A form for creating a new property. The "Name" field contains "extensionAttribute1", the "Type" is "Text", and the "Single Value" checkbox is checked. German and English names are also provided.
- ADDS Assignments:** A list of properties on the left and a list of classes on the right. The "extensionAttribute1" property is selected in the left list, and the "User" class is selected in the right list. An "Add >>" button is visible between the lists.

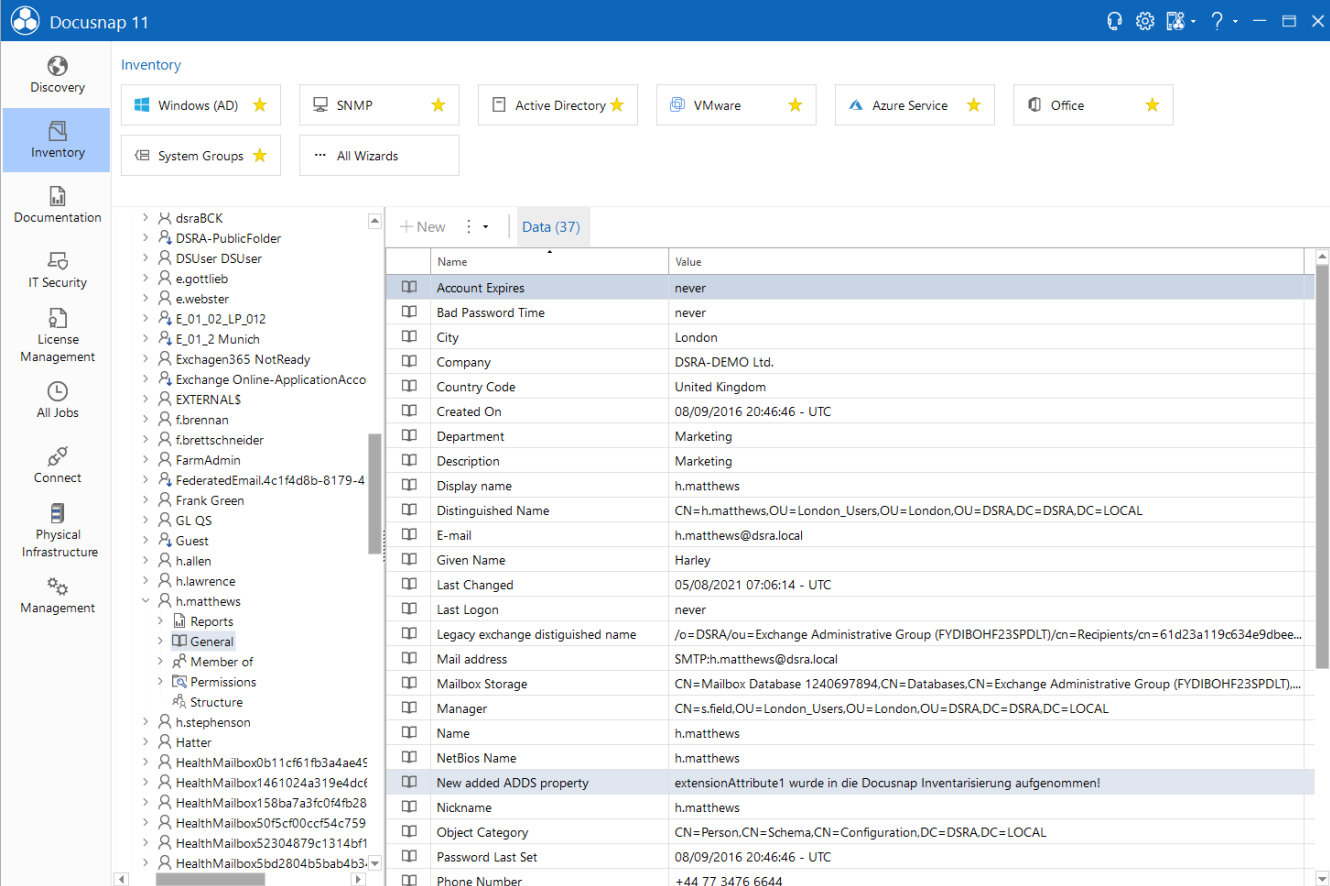
Class Name	Class Filter	Active
msExchangeSystemObjectsContainer	msExchangeSystemObjectsContainer	Yes
OrganizationalUnit	organizationalUnit	Yes
User	user	Yes
...

Property Name	Property Type	Single Value
exten*		
extensionAttribute1	Text	Yes

Property	Class
extensionAttribute1	User

Figure 2 - Create and assign ADDS property in Docusnap

Now when you run a new Active Directory inventory, you will find the new property on it.



The screenshot shows the Docusnap 11 interface with the 'Inventory' section active. The left sidebar shows a tree view of the Active Directory structure, including users and mailboxes. The main area displays a table of properties for the selected user, 'h.matthews'. The table has two columns: 'Name' and 'Value'. A new property, 'New added ADDS property', is highlighted in blue, with the value 'extensionAttribute1 wurde in die Docusnap Inventarisierung aufgenommen!'.

Name	Value
Account Expires	never
Bad Password Time	never
City	London
Company	DSRA-DEMO Ltd.
Country Code	United Kingdom
Created On	08/09/2016 20:46:46 - UTC
Department	Marketing
Description	Marketing
Display name	h.matthews
Distinguished Name	CN=h.matthews,OU=London_Users,OU=London,OU=DSRA,DC=DSRA,DC=LOCAL
E-mail	h.matthews@dsra.local
Given Name	Harley
Last Changed	05/08/2021 07:06:14 - UTC
Last Logon	never
Legacy exchange distinguished name	/o=DSRA/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=61d23a119c634e9dbee...
Mail address	SMTP:h.matthews@dsra.local
Mailbox Storage	CN=Mailbox Database 1240697894,CN=Databases,CN=Exchange Administrative Group (FYDIBOHF23SPDLT),...
Manager	CN=s.field,OU=London_Users,OU=London,OU=DSRA,DC=DSRA,DC=LOCAL
Name	h.matthews
NetBios Name	h.matthews
New added ADDS property	extensionAttribute1 wurde in die Docusnap Inventarisierung aufgenommen!
Nickname	h.matthews
Object Category	CN=Person,CN=Schema,CN=Configuration,DC=DSRA,DC=LOCAL
Password Last Set	08/09/2016 20:46:46 - UTC
Phone Number	+44 77 3476 6644

Figure 3 - Newly added property was successfully inventoried

4. Analysis options

The first evaluation option of the newly added ADDS property is within the data tree for a corresponding object - see previous Figure 3.

The next variant is via the report **List Objects** report. This report can be found in the tree structure as follows:

- *Your company* - Infrastructure - *Your domain* - Reports - AD DS Infrastructure

When the report is opened, a form field appears first.

- **Class:** Here you select the class for which you want to run an evaluation (user)
- **Property:** Here you select the property to be evaluated (New added...).
- **View:** Here you can select further properties to be displayed

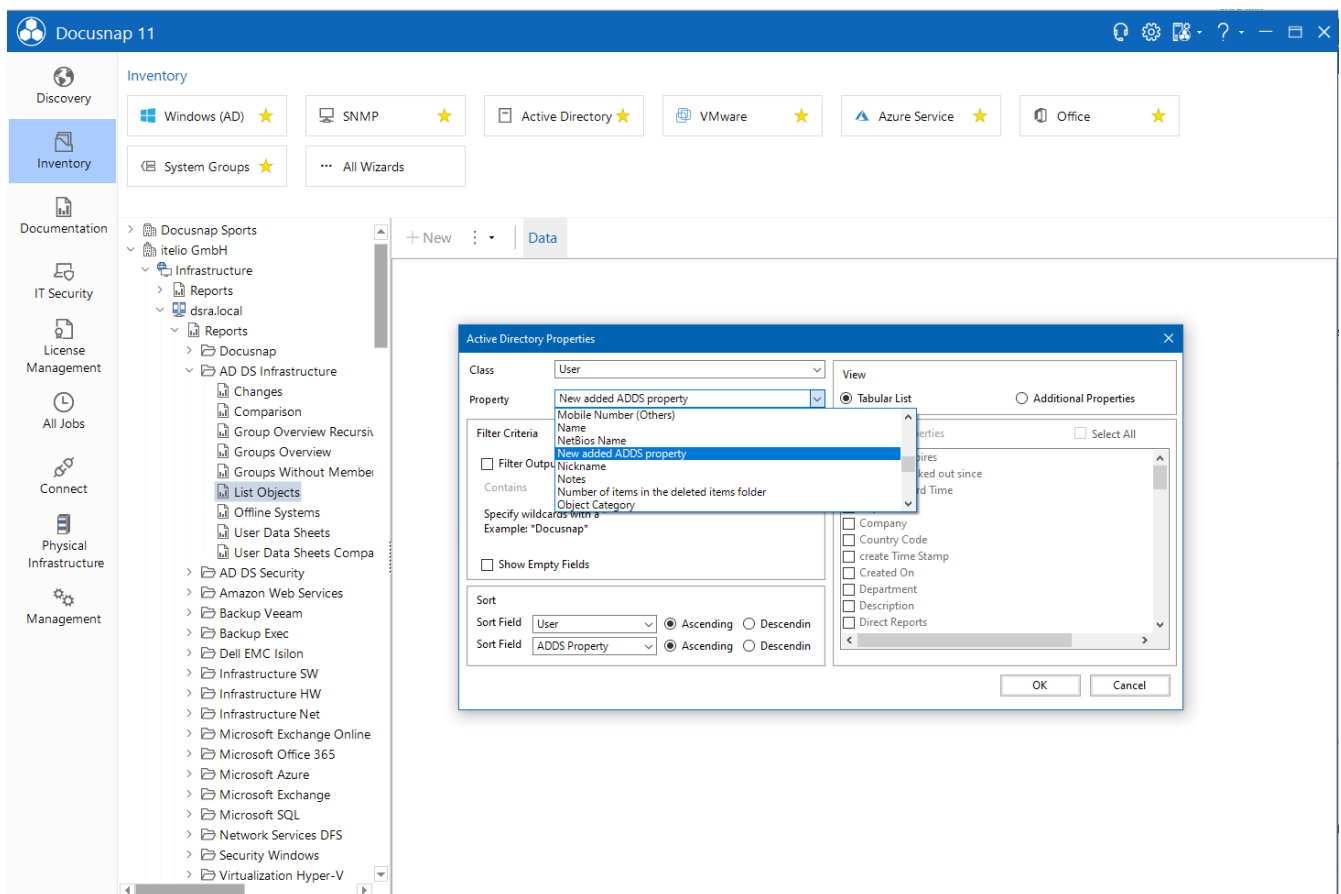
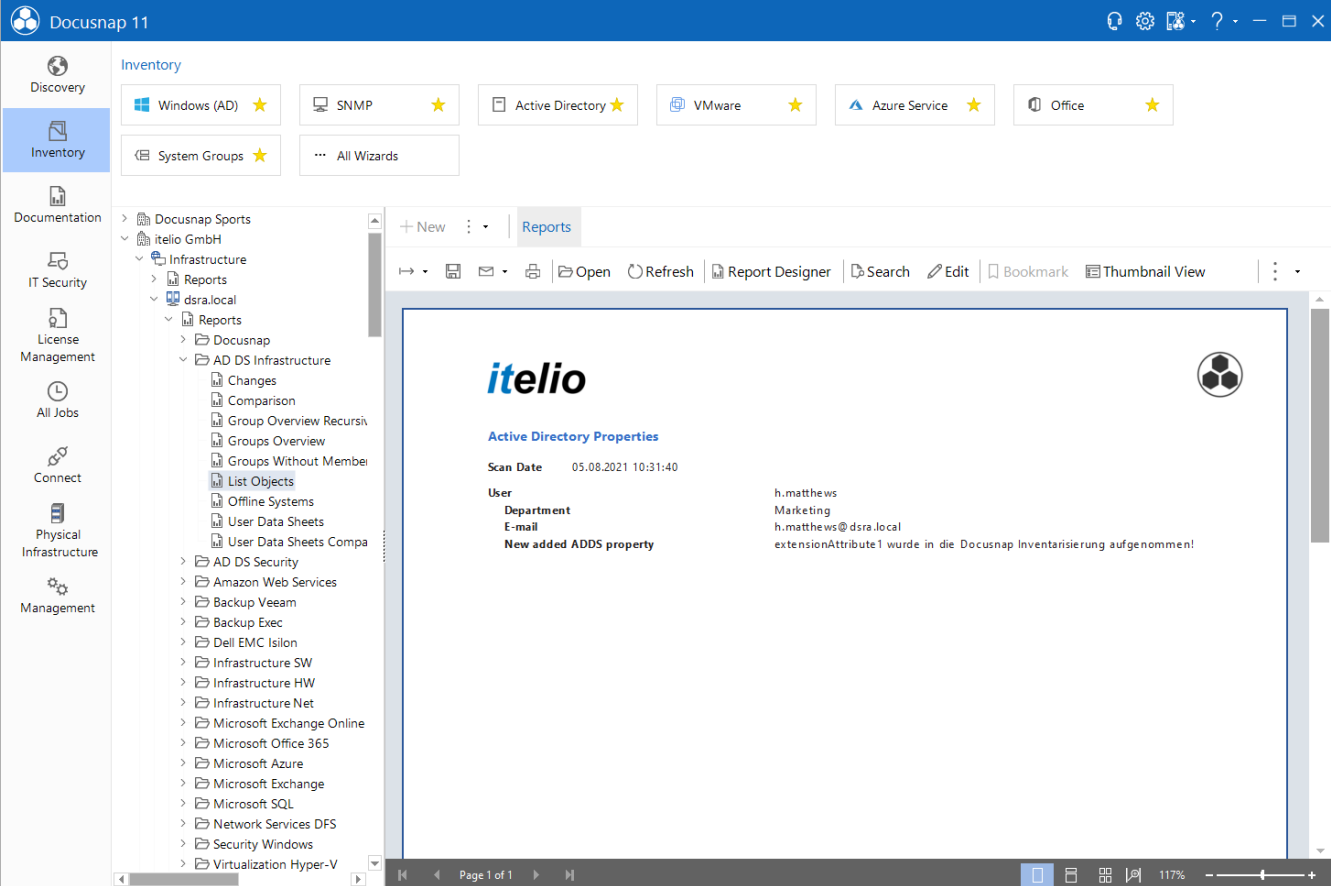


Figure 4 - Configure the report - List objects

Subsequently, you will receive all users for which the newly added ADDS property has been maintained.



The screenshot displays the Docusnap 11 software interface. The left sidebar contains navigation categories: Discovery, Inventory, Documentation, IT Security, License Management, All Jobs, Connect, Physical Infrastructure, and Management. The main window shows a tree view of the inventory structure, with 'dsra.local' expanded to show 'AD DS Infrastructure' and 'List Objects'. A report titled 'Active Directory Properties' is open in the center, showing the following details:

Active Directory Properties	
Scan Date	05.08.2021 10:31:40
User	h.matthews
Department	Marketing
E-mail	h.matthews@dsra.local
New added ADDS property	extensionAttribute1 wurde in die Docusnap Inventarisierung aufgenommen!

Figure 5 - Created report - List objects

