

Docusnap 11 Innovations and changes



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TABLE OF CONTENTS

1.	Introduction	4
2.	GUI in Docusnap 11	5
2.1	(Main) Navigation	6
2.2	2 Title bar	15
2.3	B Frequently used assistants and functions	18
3.	Dashboard	20
3.1	Currentness of inventoried Data	21
3.2	2 Job Overview	22
4.	Exchange - Exchange Online and Exchange Online Readiness Check	23
4.1	Exchange Online inventory	23
4.2	2 Exchange Online Readiness Check	24
5.	AWS Lambda and SQS	25
6.	New reports and evaluation options	26
6.1	Wiring overview for selected elements	26
6.2	2 Report - Wiring overview	27
6.3	3 Topology map for individual systems and switches	28
6.4	1 VLAN Overview	29
6.5	5 Report - Currentness of data	30
7.	Extended Windows Inventory	31
8.	Site assignment of systems based on the network address	32
9.	Maintain Data Inventory - wizard for cleaning systems from the database	34
10.	License cleanup	35
11.	Copy information out of the data area	37
12.	Integration of demo data when creating a new Docusnap database	38
13.	Adapting the available host types in Docusnap	40
14.	Inventory of serial numbers of SNMP devices	41
15.	Adjustments in the user management	42
16.	Zerologon - Reports and evaluations	43
17.	Manage Reports – categories and descriptions	44
18.	New position and categorization of reports in the data tree	45



1. Introduction

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With the release of Docusnap 11 some new features and changes are introduced in Docusnap. This document is intended to present these innovations and changes and to support you in the transition. Especially with the adaptation of the GUI of Docusnap 11 you will find many familiar actions in other places in Docusnap.

- Adaptation of the GUI
- Dashboard customization
- Exchange Online and Exchange Online Readiness Check
- Extension of the AWS inventory AWS Lambda and SQS
 - New reports and evaluation options
 - Wiring reports and overviews
 - o Topology maps for individual systems and switches
 - o VLAN overview
 - Report Currentness of Data (data quality)
- Extended Windows Inventory
 - o Components (software, services etc.) can be excluded
 - o The Windows version is also inventoried now
- Location assignment of systems based on the network address
- Wizard for cleaning systems from the database
- Wizard to clean up the license
- Copy information out of the data area
- Integration of demo data when creating a new Docusnap database
- Adapting the available host types in Docusnap
- Inventory of serial numbers of SNMP devices
- Adjustments in user management
- Zerologon Reports and evaluations
- Report management now includes categories and descriptions
- New position and categorization of reports in the data tree
 - o Here is a list with the old and the new names of the reports



2. GUI in Docusnap 11

The major change in Docusnap 11 concerns the GUI.

The navigation bar has been moved to the left of the Docusnap Client.

The Docusnap Menu (formerly top left corner) has been dissolved. The individual option dialogs are now located in the title bar - General Options, Docusnap Server, Discovery Services etc. and Administration in the navigation bar.

The ribbon with various tabs - e.g. Automation, Extras, Connect - has been largely resolved. Only in a few areas you can find comparable features (e.g. Documentation - Documentation / Concepts).

Various actions have been moved from the Ribbon Command Bar to the Action Area. For example, editing and creating concepts, user and directory reports. Furthermore, also the creation, deletion and saving of objects within the data explorer.

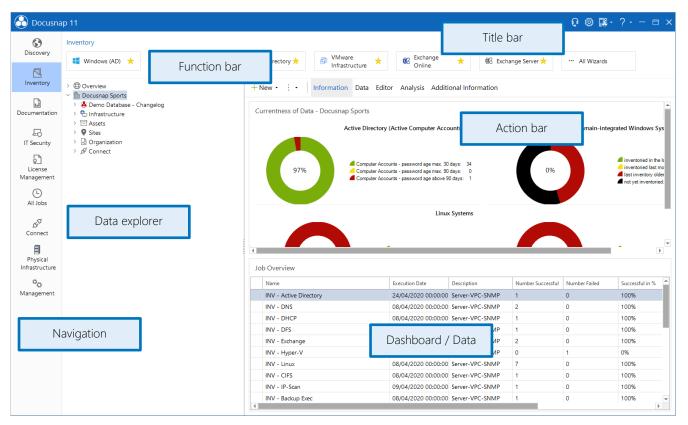


Figure 1 - Docusnap 11 - New GUI



2.1 (Main) Navigation

The navigation area, which allows you to switch between the individual modules / areas in Docusnap, is now located on the left side.

2.1.1 Discovery

Within the **Discovery** section you will find all **inventory wizards** that Docusnap provides. These include the systems, network services, databases, virtualization, cloud services, applications, script import and NTFS analysis.

You will notice that not all wizards are displayed. You can find the other wizards by clicking on the All Wizards button. You can pin your favorite inventory wizards with the star.

Furthermore, in the Discovery section, you will find all your scheduled jobs of the type Inventory.

🔂 Docusna	p 11								Q	🅸 🎇 ·	?・ - ⊨	з×
Oiscovery	Windows (AD) Inventory Microsoft Windows 🔶 systems from a domain		ory SNMP enabled 🛛 🔶 s in an IP address range	- Inventor	Directory y Microsoft Active y directory service	- Inven	ierver tory Microsoft SQL r / SQL Server Expres	\$	VMware Infras Inventory VMwa Hosts / vCenter	re vSphere	*	
Inventory	Azure Service Inventory Microsoft Cloud Computing Services			Vecam Inventory Vecam Backup A Replication			• • • All Wizards					
Documentation	X Delete Cancel Job Summary Sapshots K Server Status											
IT Security	• Company											
License	Name	Туре	Previous Execution	Next Execution	Discovery Service	Company	Latest Status	Schedule Type	Interactive Job			
Management	Docusnap Sports											
(L)	INV - Active Directory	··· Inventory	24/04/2020 09:22:17		Server-VPC-SNMP	Docusnap Sports	Successful	Recurring	Scheduled			
All Jobs	INV - DNS	··· Inventory	08/04/2020 08:36:40		Server-VPC-SNMP	Docusnap Sports	Successful	Recurring	Scheduled			
	INV - DHCP	··· Inventory	08/04/2020 08:36:13		Server-VPC-SNMP	Docusnap Sports	Successful	Recurring	Scheduled			
\$P	INV - DFS	··· Inventory	08/04/2020 08:44:05		Server-VPC-SNMP	Docusnap Sports	Successful	Recurring	Scheduled			
Connect	INV - Exchange	··· Inventory	24/04/2020 09:21:24		Server-VPC-SNMP	Docusnap Sports	Successful	Recurring	Scheduled			
A	 INV - Hyper-V 	··· Inventory	08/04/2020 08:10:18		Server-VPC-SNMP	Docusnap Sports	Failed	Recurring	Scheduled			
Physical	INV - Linux	··· Inventory	08/04/2020 08:47:16		Server-VPC-SNMP	Docusnap Sports	Successful	Recurring	Scheduled			
Infrastructure	INV - CIFS	··· Inventory	08/04/2020 13:25:19		Server-VPC-SNMP	Docusnap Sports	Successful	Recurring	Scheduled			
°o	INV - IP-Scan	··· Inventory	09/04/2020 08:00:34		Server-VPC-SNMP	Docusnap Sports	Successful	Recurring	Scheduled			
Management	INV - Backup Exec	··· Inventory	08/04/2020 08:48:02		Server-VPC-SNMP	Docusnap Sports	Successful	Recurring	Scheduled			
	INV - Veeam	··· Inventory	08/04/2020 08:48:08		Server-VPC-SNMP	Docusnap Sports	Successful	Recurring	Scheduled			
	INV - Oracle DB	··· Inventory	08/04/2020 08:55:06		Server-VPC-SNMP	Docusnap Sports	Successful	Recurring	Scheduled			
	INV - Igel	··· Inventory	08/04/2020 08:49:34		Server-VPC-SNMP	Docusnap Sports	Successful	Recurring	Scheduled			
	INV - Windows IP	··· Inventory	31/03/2020 09:55:58		Server-VPC-SNMP	Docusnap Sports	Successful	Recurring	Scheduled			
	INV - Sharepoint	··· Inventory	08/04/2020 08:55:54		Server-VPC-SNMP	Docusnap Sports	Successful	Recurring	Scheduled			
	INV - SQL	··· Inventory	08/04/2020 09:02:57		Server-VPC-SNMP	Docusnap Sports	Successful	Recurring	Scheduled			
	INV - VMware	··· Inventory	08/04/2020 08:57:22		Server-VPC-SNMP	Docusnap Sports	Successful	Recurring	Scheduled			
	INV - XenCenter	··· Inventory	08/04/2020 08:57:29		Server-VPC-SNMP	Docusnap Sports		Recurring	Scheduled			
	O INV - IIS	··· Inventory	08/04/2020 08:58:16		Server-VPC-SNMP	Docusnap Sports		Recurring	Scheduled			
-	O INV - AWS	··· Inventory	08/04/2020 08:58:33		Server-VPC-SNMP	Docusnap Sports		Recurring	Scheduled			
-												

Figure 2 - Navigation - Discovery



2.1.2 Inventory

In the **Inventory** section you will also find a selection of inventory wizards in the function bar - if you have previously pinned your favorites, they will be applied here.

Please note that you will find not only Inventory Wizards in the toolbar, but also the wizards for Docusnap Tools, System Assignment and System Groups.

Furthermore, you will find the Data Explorer / Data Tree, which provides you with access to the inventoried data and the possibility to add further information through the editor, additional information etc.

6)	Inventory								
Discovery	Windows (AD)	🖵 SNMP 🔸	Active	e Directory 🛧	🔓 SQL Server 🛛 📩	📵 VMware 🔶	🔺 Azure Service 📩	Chan Online	ge 🔸
Inventory	🔁 Veeam 🛛 🛨	🖻 Docusnap Tools ★	Syster Assign	m 🛧	倍 System Groups 📩	···· All Wizards		Online	
cumentation	> Overview		► +N	ew : • Dat	a (12) Additional Inform	nation			
Ð	 Docusnap Sports Demo Database - Characteria 	angelog		Name	Online	Туре	Virtualization Host	Virtualized	Inventory Number
IT Security	🗸 🔁 Infrastructure			DOSPBK01	Succeeded	Server	sesx14.intern.local	Yes	DOSP100018-AT
5	V U docusnapsports.co			DOSPDB01	Succeeded	Server	sesx15.intern.local	Yes	DOSP100016-AT
요 License	> UPROD.DOCUSN > UP SALES.DOCUSN			DOSPDC01	Succeeded	DC	sesx14.intern.local	Yes	DOSP100004-AT
anagement	> D Workstations	APSPORTS.COM		DOSPDC02	Succeeded	DC	sesx15.intern.local	Yes	DOSP100002-AT
(L)	> Servers			DOSPEX01	Succeeded	Server	sesx15.intern.local	Yes	DOSP100023-AT
All Jobs	> 💦 Linux			DOSPFS01	Succeeded	Server	sesx15.intern.local	Yes	DOSP100001-AT
	> 🖵 Mac			DOSPFS02	Succeeded	Server	sesx14.intern.local	Yes	DOSP100013-AT
GO C	> 🖵 SNMP Systems > 🖵 Thin Clients			DOSPFS03	Succeeded	Server		Yes	DOSP100427-AT
Connect	> Ø HP-UX			DOSPHY01-N1	Succeeded	Server		No	DOSP100003-AT
A	> 🐺 CIFS			DOSPHY01-N2	Succeeded	Server		No	DOSP100005-AT
Physical	> 💷 Virtualization			DOSPSP01	Succeeded	Server	sesx15.intern.local	Yes	DOSP100010-AT
frastructure	> 👷 IP Systems > 🗔 ADS			DOSPSQ01	Succeeded	Server	sesx14.intern.local	Yes	DOSP100007-AT
ිදා anagement	 > ☐ ADS > ♣ Database Server > ☐ Database Server > ☐ Database Server > ☐ Database Server > ☐ Azure > ☐ Azure > ☐ Araze > ☐ Microsoft 365 > Ø Summary > ♣ Demo Customiz > ⋒ Reports > ♣ Standard Maps > ₽ Communication > ♣ NLAN Overview > ₅ Standard Maps 	rers rrvices	•						

Figure 3 - Navigation - Inventory



2.1.3 Documentation

Within the **Documentation** you will find the wizards for creating data sheets and plans in the function bar. Again, not all wizards are displayed. The remaining wizards can be found by clicking on the button **All Wizards**.

In Docusnap X you had the possibility to adjust the layout and design of the reports (color scheme, logos etc.) in this area. This customization option has been moved to Docusnap Administration - Customizing - Layout (CI).

In addition to the wizards, you have the data explorer adapted to the Documentation section. You can use it to create new IT documentation, view the generated data sheets and maps, create concepts and diagrams.

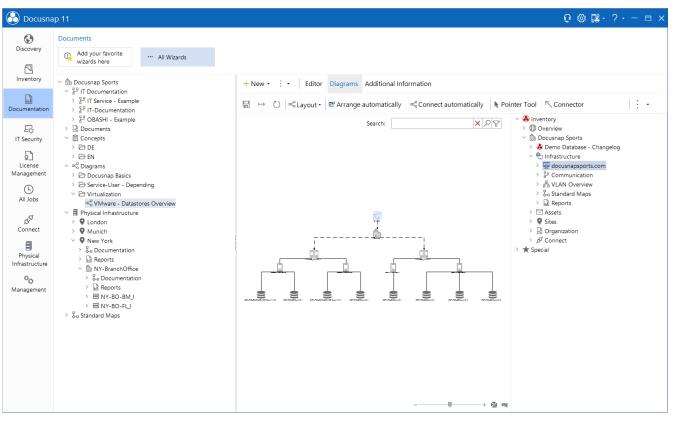


Figure 4 - Navigation - Documentation

HowTos are available in our Knowledge Base for the following topics:

- IT documentation using business structures
- IT Concepts



2.1.4 IT Security

The IT Security section deals with the evaluation of permissions for file systems (also CIFS and DFS), SharePoint and Exchange (also Exchange Online).

Using the toolbar, you can start the NTFS Analysis and configure options.

The user-, directory- and overview report for a detailed analysis of permissions are available in the action area.

In the Knowledge Base you will find the HowTo IT Security, which describes the functionalities and possibilities in detail.

Docusna	ap 11						្រុះ	≩ 🛛	8 - 1	? - :	- 8	ı ×
•	IT Security											
Discovery	- NTFS Analysis	Online Analysis	Eg Filter Path	Report Jobs (csv)	🖙 NTFS Filter	∃ • User/Group Filter	🖻 Blo	ked In	herita	nce		
Inventory	Special Permissions	Explicit Permissions										
Documentation	 Docusnap Sports 		≜ + New • ⋮ •	Data (1) IT Security								
E IT Security	 Understand by the system End the system End the system End the system 				User Report 🗈 Directo	ry Report ≞ [⊕] Permission Origin	n Ag Use	er/Gro	up St	ructure	е	
្រា	✓ ☐ DOSPFS01 > ♡ Dept		User / Group				Type	Bas	ic Perr	mission	s	I
License Management	> 😓 Dept > 😓 IT_Global > 🗟 Managemen	nt Global	Search									
All Jobs	> 🗁 01-Templ > 🗁 02-Design > 🏳 03-Comm	lates ns nunication		$+$ Add g ^A Resolve Group $R^A_{\mathscr{B}}$	Resolve Group Recursively				te	ents		Files Only
Connect	> 🗁 04-Transf > 🗁 05-Shared > 🗁 06-Preser	d Documents ntations						Full Access Modfiv	P	List Folder Contents Read	Write This Folder Only	Subfolders and Files Only
8	> 🗁 07-Archiv > 🗁 08-Projec		🗙 Remove 🗹 Select	all 🗌 Deselect all			Allow Deny	Full Acc Modfiv	Read	List Fo Read	Write This F	Subf
Physical Infrastructure	> 🗟 Reports	s	Ao Effective Permission									
¢ _n	> 🗁 Omega > 📓 Reports	а	Explicit Permissions									
™©: Management	> 🔤 Marketing_G	Slobal	& DOCUSNAPSPO				\checkmark	~	· ~ ·	~ ~	~	
	✓ 肆 CIFS		C Inherited Permissio	ns DOCUSNAPSPORTS\Administrat						~ ~		
	> 閏 DOSPCF01		Reator Owner (tor)					$\overline{}$		~
	V DFS			RTS\Management_RW			~					
	> DOCUSNAPSP > SharePoint	ORTS.COM	A DOSPESO1\Adm				~					
	 SharePoint — III Farm Servers 		Re Local System	instratoren						žž		
	V DOSPSP01		C Share Permissions				· ·					
	🗸 🐻 Web Applica		& DOSPFS01\Adm	inistratoren			~		1.	~~	~	
	> 🐻 SharePoin		& Everyone				~					++
		nt Central Administration v4									· ·	
	 I Exchange I PROD.DOCUSNAPSPO 	DRTS COM										
	SALES DOCUSNAPSPO		▼ <				1 1	I				>

Figure 5 - Navigation - IT Security



2.1.5 License Management

The License Management section lets you manage your software and perform license analyses.

In our Knowledge Base you will find the HowTo License Management with detailed descriptions of how to use the license management.

🔂 Docusna	ap 11		Q 🕸 🞇 · ? · − 🗆 :
6	License		
Discovery	🖓 New 🖓 Assignment	→ Export ← Import □ Exclude Systems	
Inventory	>	▲ + New • ℓ • ⋮ • Data (20)	
	 	Name Licensing Type Terminal Server	Count
Documentation	Groups	Microsoft Office Professional Plus 2010 Licensing Created No	1
	> D Blocked Software Products	Microsoft Office Professional Plus 2013 Licensing Created No	1
5	✓ ➢ Microsoft Office	Microsoft Office Professional Plus 2016 Licensing Created No	1
IT Security	 Software Products Microsoft Office 	Microsoft SQL Server 2014 (64-bit) Standard Edition Licensing Created No	0
្រា	> Product Recognition	Microsoft SQL Server 2016 (64-bit) Standard Edition Licensing Created No	1
License	Licenses	Microsoft SQL Server 2016 (64-bit) Standard Edition Licensing Created No	0
Management	> 🖓 Licence - Microsoft Office 2010	Microsoft SQL Server 2016 (64-bit) standard Edition Elicensing Created No	3
(L)	> 🔂 Licence - Microsoft Office 2013		
All Jobs	D Licence - Microsoft Office 2016		1
	Dicence - Microsoft Office 2019	Microsoft SQL Server 2017 RC1 Licensing Created No	1
e ^g	> G Found Software	Microsoft Windows 10 Enterprise Licensing Created No	0
Connect	> Installations	Microsoft Windows 10 Enterprise Licensing Created No	0
-	> 🚺 Update Path	Microsoft Windows 10 Enterprise Licensing Created No	1
Physical	> 🖬 Reports	Microsoft Windows 10 Enterprise Licensing Created No	1
Infrastructure	> 🖬 Reports	Microsoft Windows 10 Enterprise Licensing Created No	1
	> 🗁 Microsoft OS - Clients	Microsoft Windows 7 Enterprise Licensing Created No	1
°o	D Microsoft OS - Server D Microsoft SOL Server	Microsoft Windows 8.1 Enterprise Licensing Created No	1
Management	> P Microsoft Visio	Microsoft Windows Server 2012 R2 Standard Licensing Created No	0
	> 🚺 Undesired Licensing	Microsoft Windows Server 2016 Datacenter Licensing Created No	0
	V Software	Microsoft Windows Server 2016 Standard Licensing Created No	3
	> 💽 All	Microsoft Windows Server 2019 Standard Licensing Created No	9
	Licensing Created		5
	 By Product Name By Publisher 		
	 Not Relevant for Licensing 		
	> Vindesired		
	> 🔀 Not Edited		
	> 💽 In Process		
	Currently Installed Software		
	> 🖬 Reports	v	

Figure 6 - Navigation - License Management



2.1.6 All Jobs

In All Jobs you will find all the wizards Docusnap provides: Documentation - Data Exchange - Other - Inventory - File Systems.

You will notice that not all wizards are displayed. You can find the other wizards by clicking on the All Wizards button. You can pin your favorite wizards with the star.

Here you will now also find the wizards that were in Docusnap X in the Inventory - Extras area - e.g.

- CSV Import
- DB Export
- DB Import

You will also find the wizard for creating **Notifications**. The corresponding message definitions are in Administration - General.

Furthermore, you will find all scheduled jobs regardless of their type.

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Discovery	Overviews Create overviews of ADS, systems and software	Visualize hierarchical structure, ★	CSV Import Import data in CSV format	DB Export Export contents of this database to a Docusnap database	Schedule Connect Package Export data from Docump to MS-SQL, MySQL, Excel, XML and CSV
Inventory	Notification Configure e-mail notifications 关 (e.g. expired contracts)	Schedule IT concept Automatically update previously created IT concepts (e.g. emergency plan)	Linux Linux systems - inventory common distributions	Active Directory Inventory Microsoft Active Directory directory service	VMware Infrastructure Inventory VMware vSphere Hosts / vCenter Server
Documentation	AWS Inventory Amazon Cloud Computing Services	Backup Exec Inventory Vertias Backup Exec * / Symantec Backup Exec	NTFS Analysis Inventory access rights from XTFS and ReFS volumes/shares	ADS Synchronization Remove in AD deactivated systems from Docusnap	• • • All Wizards
License Management	X Delete OCancel Job	nary			
L All Jobs	Company Type	•		•	
\$ ⁰	Name Type Docusnap Sports	Previous Execution	Vext Execution Discovery Service Compa	ny Latest Status Schedule Type	Interactive
Connect	Documentation				
8	▷ Inventory				
Physical Infrastructure	Notification Report				
° <mark>с</mark> Management	, udour				

Figure 7 - Navigation - All Jobs



2.1.7 Connect

The Connect area is used to create and manage Connect Packages.

In the function bar you can schedule a connect package, export and import Connect Packages.

In our Knowledge Base you will find the HowTo Docusnap Connect Export and Import.

3	Docusnap Connect								
Discovery	→ Export Package ← Import	Package Schedul	e Connect						
		Package							
Inventory	Azure System Overview	+ New - Package	ge Data						
	Domain Admin Members								
umentation	Overview Amazon Web Services - EC2	+ New 🗟 Save 🗙 Delet							
	Overview Exchange Server	Table Name	Show ON						
5	Overview Printer	Azure System Overview							
Security	Sophos Firewall Information	Azure Storage Overview	v						
	Switch System Overview								
ç_	Switch System Overview								
license	System Inventory Overview								
License nagement									
License anagement L All Jobs	System Inventory Overview	Query +							
License inagement	System Inventory Overview Windows Build Numbers	× Delete Entry + Add D	locusnap Objects 🖷 Add S						
License nagement License All Jobs	System Inventory Overview Windows Build Numbers	× Delete Entry + Add D	Column	Alias	Display	Use Reference	Grouping	Sort Order	Filt
License nagement All Jobs	System Inventory Overview Windows Build Numbers	X Delete Entry + Add D Element Company	Column Company Name	Alias Company Name		Use Reference	Grouping	1	Filt
License nagement () All Jobs Connect Physical rastructure	System Inventory Overview Windows Build Numbers	X Delete Entry + Add D Element Company Domain	Column Company Name Domain	Alias Company Name Domain Name	v v	Use Reference	Grouping	1	Filt
License nagement (L) All Jobs Connect Physical rastructure	System Inventory Overview Windows Build Numbers	Add D Element Company Domain Azure_active_directory	Column Company Name Domain Display Name	Alias Company Name Domain Name Azure AD Name	v v v	Use Reference	Grouping	1 2 3	Filt
License nagement (L) All Jobs Connect Physical rastructure	System Inventory Overview Windows Build Numbers	Add D Element Company Domain Azure_active_directory Azure Scans	Column Company Name Domain Display Name Scan Date	Alias Company Name Domain Name Azure AD Name Azure last Scan Date	v v v	Use Reference	Grouping	1 2 3 4	Filt
License nagement (L) All Jobs Connect Physical rastructure	System Inventory Overview Windows Build Numbers	Add D Element Company Domain Azure_active_directory Azure Scans Azure Subscription	Column Company Name Domain Display Name Scan Date Name	Alias Company Name Domain Name Azure AD Name Azure Iast Scan Date Azure Subscription Name		Use Reference	Grouping	1 2 3 4 5	Filt
License inagement All Jobs Connect	System Inventory Overview Windows Build Numbers	Delete Entry + Add D Element Company Domain Azure_active_directory Azure Scans Azure Subscription Azure Subscription	Column Company Name Domain Display Name Scan Date	Alias Company Name Domain Name Azure AD Name Azure Jast Scan Date Azure Subscription Name Azure Subscription ID		Use Reference	Grouping	1 2 3 4	Filt
License nagement (L) All Jobs Connect Physical rastructure	System Inventory Overview Windows Build Numbers	Add D Element Company Domain Azure_active_directory Azure Scans Azure Subscription	Column Company Name Domain Display Name Scan Date Name	Alias Company Name Domain Name Azure AD Name Azure Iast Scan Date Azure Subscription Name		Use Reference	Grouping	1 2 3 4 5	Filt

Figure 8 - Navigation - Connect



2.1.8 Physical Infrastructure

If you select the **Physical Infrastructure** from the navigation, the editor of the physical infrastructure opens. Here you can document sites, racks and wiring.

A HowTo with more information can be found in the Knowledge Base - Physical Infrastructure.

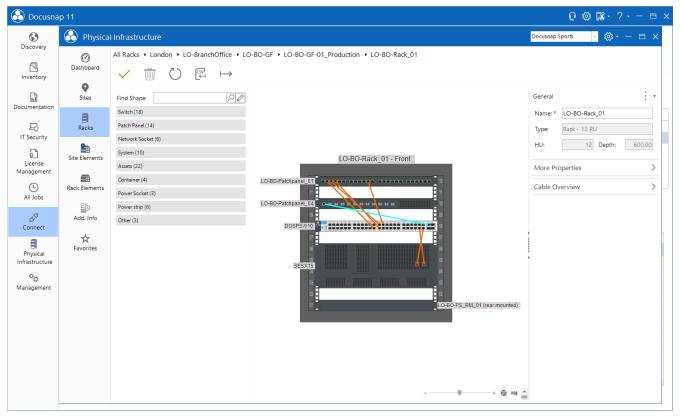


Figure 9 - Navigation - Physical Infrastructure



2.1.9 Management

The Docusnap Management is used to extend, customize and manage Docusnap. For example, you can activate the user management, create your own asset classes and make adjustments to reports and the database structure.

	ар 11	e 🔅 🏗	• ?• – 🗆 ×
•	Docusnap) 11 - Management (Configuring, Customizing and Extending of Doc	- 🗆 X
Discovery	B	GENERAL	
Inventory	General	🗞 Designs 🦧 Docusnap User 🖧 Docusnap Roles 🔒 Permission Categories 🔒 Management Tools 📲 Number Server 🛛 🗣 Site Types 🗔 Color Scheme	: -
Documentation	Inventory	Information	
Ð	Customizing	General Permission Management, Customizing of Document Design, Additional Tools and Additional Information.	
IT Security	匠 IT Assets	Configuration of Inventory Processes, SNMP Scans and Definition of System Groups.	
License Management	R	Customizing Report Management, Expansion of the Database Model and Adjustments of Tree Views and Data Entry Screens.	
All Jobs	Diagrams	Configuration of IT Assets for the Documentation of Inventory.	
Connect	IT Correlations	Extension and Adaptation of the Protocols and Connector Types.	
B Physical	License Management	IT Correlations Definition of IT Correlations Based on Rule Sets and their Logical Grouping.	
Infrastructure	Ø Connect Legacy	C License Management Extension and Adaption of Software Categories, Maintenance Types and License Types.	
Management	°	Connect Legacy Preparing Data and Providing It for Further Use.	
	Options	Options Specify the Configuration of Docusnap like Database Settings, License, Update, Inventory Settings, License Management	
		Help	
		Configuration Manual Manual for Configuration, Management and Customization of Docusnap	
	X Close Management	Configuration Manual (Online) Manual for Configuration, Management and Customization of Docusnap	

Figure 10 - Navigation - Management



2.2 Title bar

As described above, the Docusnap Menu has been dissolved. In previous versions within the Docusnap Menu you could perform configurations of Docusnap Client and Server, switch to Administration, open Quick Support, activate Debug Mode and analyze the it.

The title bar now contains these configurations and options and is divided into the following areas:

- Support Information (Headphones)
- Options (gear wheel)
- Discovery Services (Docusnap Server Icon)
- Help (question mark)

🔂 Docusna	p 11					្រុះស្	₿•?•	- 🗆 X
S	Inventory							
Discovery	🚦 Windows (AD) 📩 🖵 SNMP 🔶	Active Directory *	a SQL Server 🛛 📩	VMwa Infras	are 📩 🖌	Azure Service 🔶 🕏 Exchar Online	nge 🛧	
Inventory	🔁 Veeam 🔺 🖻 Docusnap Tools 🕇	System 🛧	🗵 System Groups 📩	··· All Wi	fizards			
Documentation	>	A + New : • Dat	a (6) Additional Info	rmation				
Ð	 We becastap sports We becastap sports We becastap sports 	Name	Online	Virtualized	Inventory Number	Assigned User	Chassis Types	ADS
IT Security	~	DOSPWS01	Succeeded	Yes	DOSP100017-AT	DOCUSNAPSPORTS\a.schofield	Other	CN=
5	V U docusnapsports.com	DOSPWS02	Succeeded	Yes	DOSP100020-AT	DOCUSNAPSPORTS\Administrator	Other	CN=
요 License	PROD.DOCUSNAPSPORTS.COM SALES.DOCUSNAPSPORTS.COM	DOSPWS03	Succeeded	Yes	DOSP100011-AT	DOCUSNAPSPORTS\f.brettschneider	r Other	CN:
Management	Workstations	DOSPWS04	Succeeded	Yes	DOSP100428-AT		Desktop	
Ŀ	> 🔓 DOSPWS01	DOSPWS06	Succeeded	No	DOSP100681-AT		Convertible	
All Jobs	> 📴 DOSPWS02	DOSPWS09	Succeeded	No	DOSP100682-AT		Desktop	
	> DOSPWS03 > DOSPWS04							
CL ^Q	> DOSPWS04 > DOSPWS06							
Connect	> 🖾 DOSPWS09							
A	> Servers							
Physical	> 📐 Linux							
Infrastructure	> Q Mac							
° _c	> 🖵 SNMP Systems > 🖵 Thin Clients							
"Q Management	> M HP-UX							
wanagement	> 🐺 CIFS							
	> III Virtualization							
	> 👤 IP Systems							
	> T ADS							
	> 🗶 Network Services							
	> 🖾 Application Servers							
	> 🖯 Database Server							
	> 🛢 Storage							
	> 🔥 Azure							
	> and Amazon Web Services							
	> G Microsoft 365							
	> 🔎 Summary							
	> 🐣 Demo Customizina	▼ 4						

Figure 11 - Title bar



2.2.1 Support information

By selecting the support information, you will be directed to the Docusnap support center.

Support Information

In this area the log file can be generated, and the support file can be saved. This is only possible if the debug mode (client and/or server) have been activated before - see Debug Options.

Debug Options

In the Debug Options the debug mode for the Docusnap Client and the Docusnap Server can be activated / deactivated. It is advantageous to be able to activate the debug mode for the Docusnap server without going through its configuration steps as in previous versions.

Quick Support

Here you can start the TeamViewer Quick Support.

2.2.2 Options

The options are divided into the following areas. Detailed information can be found in our **user manual**, which you can access by pressing **F1**.

- General
 - New option: Hide the text of buttons in the menu and ribbon bar
- Inventory
- Documentation
- IT Security
 - New: Ability to customize the default settings for creating directory reports
- License Management

2.2.3 Discovery Services

Below the Discovery Services you can now configure the Discovery Services and the Docusnap Server and display the current server status.

Here too, you can find detailed information in our user manual (F1) and in the Knowledge Base:

Knowledge Base:

- Installation and Configuration Chapter 3.2 describes the configuration of the Docusnap Server
- Discovery Service Installation and Configuration



2.2.4 Help

In the Help section you have access to the following items:

- User manual
- Configuration manual
- User Manual (Online)
- Configuration Manual (Online)
- Docusnap Forum
- Version changes
- Update
- License information
- About Docusnap



2.3 Frequently used assistants and functions

The following is a list of wizards and functions that were used extensively in the previous version of Docusnap. With the release of Docusnap 11 they have moved:

• Layout (CI) - Adaptation of design, logos and master report

Management - Customizing - Layout (CI)

• Notifications

All orders - All Wizards - Notifications

• Define Notifications

Management - General – Define Notifications

Docusnap	11 - Management (Configuring, Customizing and Extending of Doc	- 🗆 ×
General	GENERAL & Designs & Docusnap User & Docusnap Roles 🖞 Permission Categories 🕢 Management Tools 📭 Number Server 🗣 Site Types 🗔 Color Scher	ne : .
Inventory		 Define Notifications Additional Information Element Properties
Customizing	General Permission Management, Customizing of Document Design, Additional Tools and Additional Information.	
X Close Management	Configuration of Inventory Processes, SNMP Scans and Definition of System Groups.	



• Options (General, Inventory, Documentation, IT Security, License Management)

Title bar – Options (gear wheel)

Management – Options

Manage Discovery Services

Title bar - Discovery Services (Docusnap Server Icon)

Docusnap Server Configuration

Title bar - Discovery Services (Docusnap Server Icon)

Quick Support

Title bar – Support information (headphone icon) – Quick Support

• Debug Options - Start Debug Mode

Title bar – Support information (headphone icon) – Debug options

• License Information

Title bar - Help (?) – License information



• About Docusnap (check version)

Title bar - Help (?) - About Docusnap

• Update - check for updates

Title bar - Help (?) - Update

• Version changes

Title bar - Help (?) - Version change

CSV Import

All Jobs - All Wizards - CSV Import

• System Groups

Inventory – All Wizards – System Groups

• System Assignment

Inventory – All Wizards – System Assignment



3. Dashboard

The new dashboard in Docusnap is designed to give you a quicker overview of how up to date the inventoried data is. In addition, the Job Overview provides you detailed information of the scheduled inventories.

👌 Docusna	ap 11						0 🌣 🔀 ·	? • − ⊟		
•	Inventory									
Discovery	📕 Windows (AD) 🔺	🖵 SNMP 🔸	🖹 Active Directory 🕇 📑 SQL	Server 🛨 📵 VMware	📩 🔺 Azure	Service 📩	Chine	*		
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G			Assignment							
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Management ြ All Jobs	 > ♣ VLAN Overview > ♣ Standard Maps > ➡ Reports > ➡ Assets > ♥ Sites > ⊡ Organization > ∅ Connect 		97%	97% Computer Accounts - password age max. 30 days: 34 Computer Accounts - password age max. 90 days: 0 Computer Accounts - password age above 90 days: 1						
Connect Physical nfrastructure	,		1	Linux	Systems					
° _O			Job Overview							
lanagement			Name	Execution Date	Description	Number Successful	Number Failed	Successful in %		
			INV - Active Directory	24/04/2020 00:00:00	Server-VPC-SNMP	1	0	100%		
			INV - DNS	08/04/2020 00:00:00	Server-VPC-SNMP	2	0	100%		
			INV - DHCP	08/04/2020 00:00:00	Server-VPC-SNMP	1	0	100%		
			INV - DFS	08/04/2020 00:00:00	Server-VPC-SNMP	1	0	100%		
			INV - Exchange	24/04/2020 00:00:00	Server-VPC-SNMP	2	0	100%		
			INV - Hyper-V	08/04/2020 00:00:00	Server-VPC-SNMP	0	1	0%		
			INV - Linux	08/04/2020 00:00:00	Server-VPC-SNMP	7	0	100%		
			INV - CIFS	08/04/2020 00:00:00	Server-VPC-SNMP	1	0	100%		

Figure 13 - Dashboard



3.1 Currentness of inventoried Data

The dashboard includes the following diagrams:

Active Directory

The Active Directory diagram lists the active computer accounts in three evaluations.

- Password age max. 30 days
- Password age max. 90 days
- Password age greater than 90 days

This diagram gives you a quick overview of how up to date the computer accounts in the Active Directory are. This is important in terms of inventory and licensing.

Docusnap tries to inventory all active computer accounts during the Windows (AD) scan. Docusnap also uses all active computer accounts from the Active Directory for licensing.

By default, the password age of a computer is renewed every 30 days if no adjustment has been made here. This means that computer accounts with a password age greater than 30 - especially 90 days - have not been active for a long time. These accounts should be checked regularly and deactivated or deleted if necessary.

Domain-integrated Windows systems, Linux and SNMP systems

Here you get an overview of how many of the corresponding system types were last inventoried in the following periods:

- In the last week
- Last month
- Longer than one month

In addition, the diagram for domain-integrated Windows systems provides you with information on how many have not yet been inventoried (Windows offline systems).

This data reflects the actuality. The goal here should be to take an inventory of the systems on a regular basis. Systems whose last inventory was made a long time ago must be checked to see whether they are still active or why the inventory was not successfully.

In addition to the dashboard, a new report has also been added to Docusnap. The report lists this data for the remaining system types, applications, and services. See Report - Currentness of data.



3.2 Job Overview

In the job overview contained in the dashboard you will find detailed information about the inventory jobs you have scheduled.

In addition to the last execution date, you will now also find an overview of how many systems have been successfully inventoried within the inventory or how many failed. You can also compare these values with the previous inventory.

Job Overview													
Name	Execution Date	Description	Number Successful	Number Failed	Successful in %	Previously Successful	Previously Failed	Previously Successful in %					
INV - DFS	08/04/2020 00:00:00	Server-VPC-SNMP	1	0	100%	1	0	100%					
INV - Exchange	24/04/2020 00:00:00	Server-VPC-SNMP	2	0	100%	2	0	100%					
INV - Hyper-V	08/04/2020 00:00:00	Server-VPC-SNMP	0	1	0%	0	1	0%					
INV - Linux	08/04/2020 00:00:00	Server-VPC-SNMP	7	0	100%	7	0	100%					
INV - CIFS	08/04/2020 00:00:00	Server-VPC-SNMP	1	0	100%	1	0	100%					
INV - IP-Scan	09/04/2020 00:00:00	Server-VPC-SNMP	1	0	100%	1	0	100%					
INV - Backup Exec	08/04/2020 00:00:00	Server-VPC-SNMP	1	0	100%	0	1	0%					
INV - Veeam	08/04/2020 00:00:00	Server-VPC-SNMP	1	0	100%	1	0	100%					
4									Þ				

Figure 14 - Dashboard - Job Overview



4. Exchange - Exchange Online and Exchange Online Readiness Check

4.1 Exchange Online inventory

Docusnap now inventories Exchange (On Premise) as well as Exchange Online environments.

The inventory gives you an overview of the following information:

- Mailboxes
- Public folders
- Distribution groups and e-mail contacts

The Exchange Online inventory requires an Azure App. This is the interface between Docusnap and Exchange Online. The required Azure App is created from within Docusnap - from the Exchange Online Scan Wizard.

The requirements are the following:

- 64-bit operating system
- Local administrator
- Azure Administrator (Global Administrator) to create the app
- .NET Framework 4.8 or higher
- PowerShell 5.0 or higher.

For detailed information, see the HowTo: Inventory - Exchange and Exchange Online.

6)	Inventory					
Discovery	📲 Windows (AD) 🔶 🖵 SNMP 🔶	🗇 Active Directory 📩 🔓 SQL Server	★ VMware Infrastructure	Azure Service	+ Exchange	*
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4.2 Exchange Online Readiness Check

If you are planning to move from Exchange On Premise to the cloud, Docusnap can help you. Do the Exchange Online Readiness Check and check any necessary adjustments in your Exchange environment, Active Directory and Office installations.

The following reports are available in the data explorer Company - Infrastructure - Domain - Reports - Microsoft Exchange:

• Exchange Readiness AD Properties

Based on AD DS scan results, this report provides recommendations for migrating the Exchange OnPremise environment to Microsoft 365, examining the syntax of AD DS attributes, and highlighting issues that can cause problems when synchronizing to the cloud directory service.

• Exchange Readiness compact overview AD / Exchange

Based on AD DS and Exchange inventories, this report provides recommendations for migrating the Exchange OnPremise environment to Microsoft 365. This report provides an overview of the domain requirements and status of the domain to be migrated. The Exchange part of the report provides information about the objects to be synchronized and the certificates found on Exchange servers, in addition to important configuration settings.

• Exchange Readiness MS Office Family

Based on Windows inventories, this report provides recommendations for migrating the Exchange OnPremise environment to Microsoft 365 by listing found Microsoft Office products to allow for a check for outdated installations. As of October 13, 2020, at least Office 2016 is required to access Microsoft 365 services (e.g. Exchange Online).



5. AWS Lambda and SQS

Besides the already known inventory possibilities of Amazon Cloud Services (AWS)

- Elastic Compute Cloud (EC2)
- Identity and Access Management (IAM)
- Simple Storage Service (S3)
- Relational Database Services (RDS) and
- Batch processing orders (batch)

Docusnap can now also inventory your AWS Lambda Platform and SQS.

For the inventory two new policies must be created for the services.

For more information about the inventory and the requirements please refer to the HowTo Inventory Amazon Web Services (AWS) in the Knowledge Base.



6. New reports and evaluation options

6.1 Wiring overview for selected elements

The new wiring overview allows you to view the wiring quickly and easily for a selected element (e.g. server, switch, or patch panel). It lists all defined plugs of the element with the corresponding wiring.

You can find the cabling overview in the data explorer as follows:

• Inventory - Sites - Element - Plugs

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Figure 16 - Wiring Overview for a specific Element



6.2 Report - Wiring overview

In addition to the plug and wiring overview for selected elements, new wiring overview reports have been integrated into Docusnap.

The reports are available in two versions

- For a selected element e.g. switch, server, or patch panel
- For a selected site with recursive resolution of the site structure

You can find the reports in Docusnap as follows:

- Inventory Sites Element Reports Wiring Overview Element
- Inventory Sites Your site Reports Wiring Overview

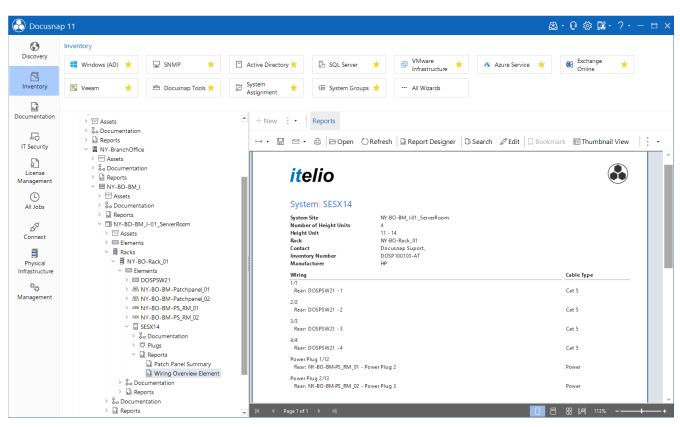


Figure 17 - Report - Wiring Overview



6.3 Topology map for individual systems and switches

Docusnap version 11 now also includes topology maps for individual systems and switches.

Within the map you can see to connection to the switches for a selected system. You also see the network and VLAN. If you open the map underneath a switch, the port assignment map of this selected switch is shown.

You can find the map below a System - Documentation - Topology Map.

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	> I Virtualization											
	> 👱 IP Systems		-					+ igi				

Figure 18 - Topology Map for individual systems and switches



6.4 VLAN Overview

In addition to the VLAN map, Docusnap 11 now offers the possibility to analyze VLANs directly from the data explorer. You can find the new VLAN Overview in Inventory - Your Company - Infrastructure - VLAN Overview.

You first get an overview of all inventoried VLANs. In the next step you get an overview of the systems which are inventoried and present in the previously selected VLAN (**System Overview**) and on which switches this VLAN is available (**Switches**). You can also create a VLAN plan for the selected VLAN.

6	Inventory								
Discovery	🖶 Windows (AD) 🔸 🖳	SNMP 📩	🗇 Active Directory 🛧	🗄 SQL Server 🛨	VMware Infrastructure	📩 📩 🔺 Azure Se	rvice 🛨 🚺	Conline	
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Figure 19 - New VLAN Overview



6.5 Report - Currentness of data

The new report - Currentness of data - is intended to give you an overview of the inventoried information. The report lists all inventories that have been done and when the data was last updated.

As with the new dashboard, the following categories are listed with their respective numbers:

- Inventoried in the last week
- Inventoried last month
- Last inventory older than one month

We recommend that this report is reviewed regularly. Using the function **Schedule as Job**, you can get this report regularly by e-mail.

You can find the report in the Inventory - Your Company - Infrastructure - Reports - Infrastructure section.

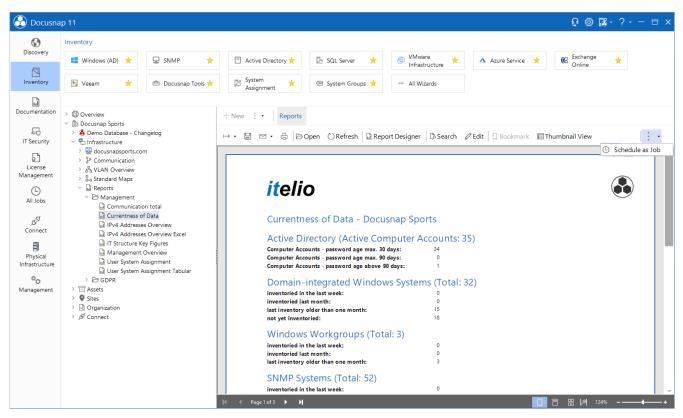


Figure 20 - New Report - Currentness of Data



7. Extended Windows Inventory

With Docusnap 11 you can select the components (Software, Services, Users etc.) of Windows systems which should be inventoried.

In the Windows Inventory Wizard - AD and IP - you will find the button Select Components which allows you to select and deselect the components to be inventoried.

If you do not make a selection, all components are inventoried. If you select components, only these will be inventoried.

After selecting the appropriate components, you will also receive a DS Script parameter. When using DocusnapScript.exe this ensures that only the selected components are inventoried. Use the parameter -Z <Number>.

Detailed information on how to use the parameter when using DocusnapScript.exe can be found in the HowTo Docusnap Script Windows in the Knowledge Base.

Sel	ect Windows (Components for Scan		×
	Name			7
	Network Connect	ion Data		
	Firewall & Netwo	rk Protection		Т.
	Virus & Threat Pr	otection		
	Signed Drivers			
	Detected USB De	vices		
	Hardware			
	Detected Local Pr	inters		
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	Installed Apps			
\checkmark	Services			
	Optional Features	5		
	Shares			
	Local Users & Gro	pups		
	Task Scheduler			
	Power Options			
DS S	cript Parameter:	52095		
			ОК	

Figure 21 - Extended Windows Inventory - selection of components



8. Site assignment of systems based on the network address

You could previously assign systems to locations using the following functions:

- Manually
- discovery services
 - Assignment criteria
 - o System name
 - o ADS Container
 - o Domain
 - o System type

With the new version, you can now also use the **network address** as an assignment criterion. You must enter the network address in den **CIDR notation** – for example:

- 192.168.0.0/22 IP-Addresses from 192.168.0.1 to 192.168.3.254
- 192.168.4.0/24 IP-Addresses from 192.168.4.1 to 192.168.4.254

The assignment criteria can be found in two places:

1. Administration - Inventory - Assignment Criteria

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Inventory	System Assignmen										4 ⊳
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	Rew York - 19	92.168.2.0/2	24								
X Close Management											

Figure 22 - New Assignment Criteria – Network address

The assignment criteria must then be assigned to the site. You can do this as follows:

- Inventory All Wizards System Assignment
- All orders All assistants System assignment



2. In the System Assignment Wizard

- Inventory All Wizards System Mapping
- All orders All assistants System assignment

You can open the assignment criteria through the button Open System Assignment Criteria. Now you can create or edit existing criteria. The criteria can than be assigned to a site using the list.

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다. 아시마데 Server 묘전 Munich 192.168.0. 다 London - 192.168.1. 묘 New York - 192.168.	
System assignment criteria takes precedence over the DDS site cor)/24
New Delete Save	
	Close

Figure 23 - Creating and assigning assignment criteria in the System Assignment Wizard



9. Maintain Data Inventory - wizard for cleaning systems from the database

With the new Maintain Data Inventory wizard, you can quickly and easily delete systems from the database.

You can find the wizard as follows:

• Inventory - All assistants - Maintain Data Inventory

In the wizard you will see the following information, which you can also filter by:

- Name
- Domain
- Company
- System type
- Last inventory
- Password age

You will find the available functionalities for filtering in our User Manual - Introduction - Filtering.

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× Lösche	en								
▲ Compa	any								
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	<u> </u>	DOSPMC01	12/09/2016 15:59:36	docusnapsports.com	Docusnap Sports	Mac			
	(hp	DOSPUX01	08/09/2016 14:40:51	docusnapsports.com	Docusnap Sports	HP-UX			
	Ē.	DOSPWS07	31/03/2020 16:28:11	docusnapsports.com	Docusnap Sports	Workstation	86		
	급수	DOSPFW01	12/09/2016 20:36:04	docusnapsports.com	Docusnap Sports	SNMP			
								Schließ	00
								Scrilleb	en

Figure 24 - Maintain Data Inventory



10. License cleanup

In addition to the wizard for deleting systems described above, a second wizard has been added to Docusnap, which allows you to clean up only licensed systems. This is advantageous, for example, if you are sublicensed or about to be.

The systems in Docusnap that are subject to licensing include

- Windows systems (workstations, servers, and domain controllers)
- Linux systems
- Mac systems
- CIFS
- thin clients
- HP-UX

Furthermore, all active computer accounts from the Active Directory are used. You can now also check the number of these.

The wizards can be found as follows

- Options General Licensing Display detailed information
- Help License information

Within the detailed information you now have the choice between Delete systems and Check Active Directory.

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Documentation	 M Docusnap Sports Demo Database - Change Infrastructure	Product:	Ultimate itelio GmbH							Chassis Types Other	ADS Container CN=Computers,DC=DO
IT Security	 PROD.DOCUSNAP SALES.DOCUSNAP Workstations 		1450						itor ieider	Other Other Desktop	CN=Computers,DC=DO CN=Computers,DC=DO
License Management	 Servers DOSPBK01 DOSPDB01 	Detailed License Informatic	n							Convertible Desktop Desktop	
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روم Connect	 DOSPFS02 DOSPFS03 DOSPHY01-N1 	Company V Docusnap AG	Domain	Initial Regi	stration	Lic	ensed Systems	AD Size			
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	> 🛷 HP-UX > 🐺 CIFS > 💷 Virtualization > 😤 IP Systems							Close			
	> 🔄 ADS > 🙁 Network Services > 🕞 Application Servers										
	 Database Server Storage Azure 										Þ





Using **Delete systems**, you can remove the systems requiring a license from the database and thus clean up your license.

Use Check Active Directory to update the current number of active computer accounts. For example, if you have deleted or deactivated computer accounts, these changes are then reflected in the license.

It is also important that you remove the corresponding Windows systems from Docusnap as well, provided they have been inventoried. You can either delete this via Systems or perform the ADS adjustment.



11. Copy information out of the data area

It is now possible to copy information and values directly from the data area.

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ß	 Docusnap Sports Demo Database - Changelog 		Name	Online	Virtualized	Inventory Number	Assigned User	Chassis Types	ADS Container	Site
ocumentation	 Demo Database - Changelog Infrastructure 	Б	DOSPWS01	Succeeded	Yes	DOSP100017-AT	DOCUSNAPSPORTS\a.schofield	Other	CN=Computers,DC=DOC.	_
	V 🖳 docusnapsports.com		DOSPW301 DOSPWS02	Succeeded	Yes	DOSP100017-AT	DOCUSNAPSPORTS\Administrator	Other	CN=Computers,DC=DOC	
5	> UPROD.DOCUSNAPSPORTS.CC									
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	 > 3a VLAN Overview > 3a Standard Maps > a Reports > a Assets 									

Figure 26 - Copy information out of the data area



12. Integration of demo data when creating a new Docusnap database

In previous versions of Docusnap a demo database (DocusnapDemo.bak) was delivered in the installation directory. This demo database contained sample data for inventory, physical infrastructure, license management etc. Due to the increased scope of the demo database, it will no longer be delivered in this form.

If you would like to use the sample data, you can include it when creating a new database. You can do this as follows:

1. During the initial configuration of Docusnap

When you configure Docusnap for the first time and create the database, you will be asked if you want to **Create Database with DocusnapSports Demo Company** after selecting the Connect/Create button. If this query is activated, the sample data will be imported. You are able to remove the Demo Client from the database later.

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		tart Options D	atabase	Settings	Steps 5-7
Microsoft SQL	Server Database				
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SQL Server:	KRE-VPC-TEST01		- User Name:	Docusnap	
Database:	Docusnap	Create New Database		×	
Settings Query Timeo	ut in Seconds:	The specified database do Do you want to create a Create Database with 'Docus	new database?		C <u>o</u> nnect/Create
		_	Yes	No	
				Back	Next Cancel

Figure 27 - Import Sample Data during Initial Configuration



2. While creating a new database

- Switch to the general options of Docusnap Database
- Select a new database name
- Select the Connect/Create button

Note that you need dbcreator or sysadmin permissions to create databases on the SQL Server.

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Documentation			SQL Server: SA	Execution Date Descript
EG IT Security	> 및 F > 및 S		Database: DocusnapDemoDatabase Password:	24/04/2020 09:21:08 Server-
, C	>-□ >-□ s		Connect/Create	08/04/2020 10:36:01 Server- 08/04/2020 10:35:41 Server-
License Management) 🚺 (- 고 (- 고 (Information & Settings	08/04/2020 10:43:58 Server- 24/04/2020 09:16:48 Server-
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	> 🖬 Rep > 🖻 Assets			<u></u>

Figure 28 - Including demo data when creating a new database

If you confirm the selection regarding the DocusnapSports Demo Company, you will find two clients in your database. The client DocusnapSports cannot be used any further and will only provide you with demo data and will not be considered in the license count.



13. Adapting the available host types in Docusnap

All system types that can be inventoried in Docusnap are stored in the table tHosts and are distinguished by a HostTypeID. In version 11, the following changes result from this:

- For Linux systems there is only the HostTypeID 102 and the name Linux
- ESX hosts are now managed under a separate HostTypeID 104
 - o ESX hosts can still be found under the Linux systems

\bigcirc	Inventory													
Discovery	📲 Windows (AD) 🔺 📋 Active D		irectory 📩 🖪 SQL Server		r 🛧 🗐 VMwar		are 📩 🔺 Azure		Service 📩	🕄 Exchange 🕇		🔣 Veeam	*	
Inventory	역 ADS Synchronization 🛧 🖻 D	ocusnap Too	ıls ★	B System Assignmen	t 🕇	(日 System	n Groups 🔸	R Maint	tain Data 🔸	··· All Wi				
Documentation	>	• +	New :	- Data (12) Addition	nal Informatic	n							
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G	docusnapsports.com		SBLAD	E15	Succeeded		docusnapsports	.com	Linux ESX		DOSP100102-/	AT		MU-BO-GF-
License	> I PROD.DOCUSNAPSPORT > I SALES.DOCUSNAPSPORT		SESX14	4	Succeeded		docusnapsports	.com	Linux ESX		DOSP100103-/	AT		NY-BO-BM_
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° _o	> SBLADE15													
Management	 > ③ SBLADE16 > ③ SESX14 > ④ SESX15 > □ Mac > □ SNMP Systems > □ Thin Clients > ∅ HP-UX > □ CIFS > □ Virtualization • □ P Systems > □ ADS > ℚ Network Services > □ Redoctars Servers 													

Figure 29 - System types - Linux and ESX Hosts



14. Inventory of serial numbers of SNMP devices

In Docusnap 11 the serial numbers of SNMP systems are now also inventoried. Previously, the SNMP inventory only included the serial numbers of printers by default, if they were available.

The ENTITY-MIB is used to read out the serial numbers. This MIB is defined by the Internet Engineering Task Force as RFC2737. Part of this MIB is the serial number of the SNMP devices, if the manufacturer of the system adheres to the given definition.

A high hit rate in the inventory of the serial numbers is achieved for switches.

The serial number of SNMP systems inventoried with Docusnap 11 can be found as follows

• SNMP Systems - Category - SNMP System - General - Serial Number

Please note that an empty serial number does not mean that Docusnap is not working properly.

During the inventory, it is possible, e.g. especially with switches, that the serial numbers of various components are also contained within the ENTITY-MIB - e.g. power supply and fans. Furthermore, a switch can have several switch modules (stacked switch). In this case you will find the serial numbers of the components / modules as follows:

• SNMP Systems - Category - SNMP System - SNMP Hardware Components



15. Adjustments in the user management

If you have several tenants in Docusnap X and set permissions within the tree structure, this always had a direct effect on all tenants. In Docusnap 11 you can now activate the **Tenant separation for Docusnap Permissions**. This means that permissions set for client A have no effect on client B. You can set own permissions for client B.

You can activate the options within the Options - General - General.

The following screenshot illustrates the scenario. The company Docusnap Ltd. has permissions set - only the role Administration may see this tenant (framed in red). However, this permission assignment has direct effects on the other tenants (framed in blue).

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ocumentation	> m itelio GmbH (hidden)	🔲 🖧 2nd Level Docusnap									
		n Type: Company									
5		🗊 Object: Docusnap Ltd									
IT Security		Sind Level Docusnap									
P.		n Type: Company									
License		B Object: Docusnap Ltd									
Management		Administration									
(L)		இ Type: Company									
All Jobs		🛱 Object: Docusnap Ltd	1	1	1	1					/ inv
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						<u>S</u> ave	Cancel				

Figure 30 - Effects of set permissions on the other tenants

If the option Tenant separation for Docusnap Permissions is active, the changes only affect the selected tenant.



16. Zerologon - Reports and evaluations

Currently the vulnerability Zerologon is in circulation. This vulnerability has the following characteristics:

- The vulnerability (CVE-2020-1472) is rated with the highest possible CVSS score of 10
 - The CVSS Score (Common Vulnerability Scoring System) is an industry standard that assesses the severity of security vulnerabilities
- This is a critical vulnerability affecting all Windows domain controllers (security updates are available from Windows Server 2008R2 to Windows Server 2019)
- This vulnerability is in the Netlogon Remote Protocol (MS-NRPC or RPC) and is used only by computers that are members of this domain
- Impact: if this vulnerability is exploited, attackers can take over entire domains with admin rights,
- Detailed instructions on how to carry out an attack are easily available on the Internet

Microsoft has released Security Updates (Hotfix) which closes the detected vulnerability and reports systems communicating insecurely with domain controllers via additional event IDs.

Docusnap can scan the event log of domain controllers for these event IDs by extending the Windows inventory. Together with the installed Security Updates (Hotfix) Docusnap can then list all insecure RPC systems in a domain

These reports can be found below your domain - Reports - AD DS Security:

• Zerologon - DC Check

This report shows all existing domain controllers of the domain with all security updates (Hotfix) from August 2020.

• Zerologon - Event Check

With the security update (hotfix) announced for February 2021, unsecure RDP client connections will be rejected by the domain controller by default and these systems will no longer be able to log on to the directory service.

This report provides an overview of all event IDs that indicate this problem.

NOTE

Analysis with Docusnap requires a complete and up-to-date AD DS and Windows scan of the domain controllers!



17. Manage Reports – categories and descriptions

By default, Docusnap has over 200 reports that can be found in different areas and different places within the Data Explorer.

The mass of reports can make it difficult for you to find the right report. For this reason, new features have been implemented in the report management. The availability of reports in the data tree has also been adjusted.

In the context of report management in Administration - Customizing - Manage Reports, you now receive a grouping according to the different report categories - e.g. AD DS Infrastructure, Microsoft Exchange, VMware etc. In addition to the categorization, after selecting a report you also receive a short description that describes the report content.

In the area **Report Position in the Data Explorer** you can see where in the data tree the report is available.

You can also work with filters within the list of all reports, for example when you are looking for a specific report.

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	_								
Inventory	Reports					4 Settings			4 ⊳
°	Filter: Eng	lish			•	Name:	Inventory Outdated	Report Active	
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G	+ Grouping	9			A	Report Cache:	Off 🔹	Report Choice:	Use most recent re 💌
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	P.	Inventory Outdated	Docusnap	System	EN_Outdate	>			
	R.	Inventory Outdated	Docusnap	System	EN_Outdate	>			
	R.	Inventory Outdated	Docusnap	System	EN_Outdate	V 🗆 🐺 Domain			
	R.	License Usage	Docusnap	System	EN_Docusna	✓ □ □ Reports			
	R.	Scheduled Jobs	Docusnap	System	EN_Schedule	> 🗆 🖬 Reports			
	R.	User Management	Docusnap	System	EN_DSPermi				
×	d GDPR					> 🖸 🗁 AD DS Infrastru	ucture		
Close Management	R.	Disabled User	GDPR	System	EN_gdpr_AE				T
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Figure 31 - Report management with categories and descriptions



18. New position and categorization of reports in the data tree

As described in the previous chapter, the position of the available reports in the Inventory section has changed. Basically, it can be said that the division / categorization of the reports has been adjusted. This adjustment makes it easier to find the reports. Additionally, the report titles have been adjusted.

The new categories affect the reports below

- Overview
- Company Infrastructure
- Company Infrastructure Domain

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(S) Discovery	Inventory											
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Inventory	✓ ⊕ Overview		+	New : •	Data							
	 ✓ In Reports > Im Docusnap 			Title								
Documentation	> D Additional Information		E	Docusnap								
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	> D Infrastructure SW											
	> 🗁 Infrastructure HW											
	> D Infrastructure Net											
	> 🗁 Microsoft 365											
	> D Microsoft Azure											
	> D Microsoft Exchange											
	> 🗁 Microsoft SQL											
	> D Network Services DFS											
	> Security Windows											
	> D Virtualization Hyper-V		-									

Figure 32 - New position und categorization of reports



Below you will find an overview of the available reports in Docusnap. The list contains both the old and the new name. If you are looking for the new position of a report, check the chapter Administration - Manage Reports - Categories and Descriptions.

Old Name	New Name
Active Network Components	Network devices
Active User of Systems	Systems Active Users
Address Lists	Address Lists
ADS Comparison	Changes
ADS Groups Overview	Groups Overview
ADS User Overview	Group Overview by User
All Comments	Comments
All Contracts	Contracts
All Financial Records	Financial Records
All Mailboxes	Mailboxes
All Public Folders	Public Folders
All Tasks	Tasks
All Users	User Data Sheets
Amazon Web Services	Overview
Anti Spyware	Systems Anti Spyware Up-to-date
Anti Spyware Overview	Systems Anti Spyware
Anti Virus	Systems Anti Virus Up-to-date
Anti Virus Overview	Systems Anti Virus
Azure Overview	Overview
Backup Server	Users and Servers
Comments	Comments
Communication	Communication Application
Communication total	Communication Applications
Contracts	Contracts
Contracts Dateselection	Contracts Contract Closing
Currentness of Data	Inventories Up-to-date Status
DFS Overview	Overview
Distribution Groups	Distribution Groups
Docusnap Licensing Overview	License Usage
Docusnap Permissions	User Management
EMC ² Isilon Domain	Domain Overview
Exchange Server Overview	Server Overview
Failed Jobs	Jobs Failed
Financial Records	Financial Records
Financial Records Cost Center	Financial Records Cost Center
Financial Records Total Amount	Financial Records Total Amount
Firewall	Windows Defender Firewall Status
GDPR BitLocker	Windows Drives Overview
GDPR BitLocker Excel	Windows Drives Overview - Excel
GDPR Disabled User Accounts	Disabled User
GDPR Disabled User Accounts Excel	Disabled User - Excel
GDPR Exchange Distribution Groups	Exchange Distribution Groups
GDPR Exchange Distribution Groups Excel	Exchange Distribution Groups - Excel



GDPR Exchange Mailboxes GDPR Exchange Mailboxes Excel GDPR Server **GDPR Server Excel GDPR** Shares **GDPR Shares Excel GDPR** Software **GDPR Software Excel Group Overview Group Overview Recursion** Hard Disk Hardware Overview Hardware per System Hotfix Overview Hotfix per System **IP** Addresses Assignment IP Addresses Assignment Grouped **IP Addresses Overview** IPv4 Addresses Overview IPv4 Addresses Overview Excel **IT Structure Key Figures** Jobs Last Logon License Key Local Administrators (Users and Groups) Local Administrators per System Local Administrators with Group Resolution Local User Groups **Mailbox Permissions** Management Overview **Mobile Devices Network Printer** Never logged on User Not current inventories older than 3 months Office 365 **Offline Systems Operating System Overview Orphaned ACL Entries Outdated Inventory Outdated Inventory** Password Age Password Log Password Log Password older 90 days Password older than Passwords Processor per System Properties

Disabled Users, Active Mailbox Disabled Users, Active Mailbox - Excel Windows Server Overview Windows Server Overview - Excel Shares Shares - Excel Windows Software Windows Software - Excel **Groups Overview Group Overview Recursive** Windows Drives Hardware Hardware Class Hardware System Windows Hotfixes Windows Hotfixes System IPv4 all Addresses IPv4 Free in one Block **IPv4** Occupied Addresses **IPv4** Overview IPv4 Overview Excel Systems Overview Jobs User Last Login Before Windows License Key Administrative Rights Users Administrative Rights System Administrative Rights System Recursive Systems Local Groups Mailbox Permissions Infrastructure Overview Mobile Devices Mailbox Printer User without Login Inventories Older than 90 Days Overview **Offline Systems Operating System** Fileserver Orphaned ACL Entries **Inventory Outdated** Inventory Outdated **Computer Passwords Overview** Password Log Password Log Computer Passwords older than 90 Days Computer Passwords Older than Passwords **CPU System** List Objects



Public Folder Permissions	Public Folder Permissions
Ram Overview	RAM Size
Ram per System	RAM System
Reference Hotfixes and Software (Golden System)	Installation Check Against Reference System
Scheduled Jobs	Scheduled Jobs
Server Compact	Windows Server Compact
Service Pack	Service Pack
Services Stopped	Active Services Status Stopped
Services with AD Accounts	Users Operate Services
Shares	Shares
Software per System Linux	Software Linux
Software per System Mac	Software Mac
Software per System Windows	Software Windows System
Software Search	Windows Software Search
Software Summary	Software Cumulated
Software Summary Detailed	Software Detailed
Software Windows Systems	Software Windows
SQL Overview	Overview
System Group Hardware List	System Group Hardware Class
System Group Hardware Summary	System Group System
Systems Overview	System Data Sheets
Tasks	Tasks
Topology Information	Switches
User Overview	User Data Sheets Compact
User Password never expires	User Password Never Expires
User Password older than	User password older than
User System Assignment	Assets User
User System Assignment Tabular	Assets User - Excel
Veeam Summary	Server Overview
VLAN Overview	VLAN
VLAN Overview with Switches	VLAN Overview Switch



LIST OF FIGURES

FIGURE 1 - DOCUSNAP 11 - NEW GUI	5
FIGURE 2 - NAVIGATION - DISCOVERY	6
FIGURE 3 - NAVIGATION - INVENTORY	7
FIGURE 4 - NAVIGATION - DOCUMENTATION	8
FIGURE 5 - NAVIGATION - IT SECURITY	9
FIGURE 6 - NAVIGATION - LICENSE MANAGEMENT	10
FIGURE 7 - NAVIGATION - ALL JOBS	11
FIGURE 8 - NAVIGATION - CONNECT	12
FIGURE 9 - NAVIGATION - PHYSICAL INFRASTRUCTURE	13
FIGURE 10 - NAVIGATION - MANAGEMENT	14
FIGURE 11 - TITLE BAR	15
FIGURE 12 - DEFINE NOTIFICATIONS	18
FIGURE 13 - DASHBOARD	20
FIGURE 14 - DASHBOARD - JOB OVERVIEW	22
FIGURE 15 - EXCHANGE ONLINE OVERVIEW	23
FIGURE 16 - WIRING OVERVIEW FOR A SPECIFIC ELEMENT	26
FIGURE 17 - REPORT - WIRING OVERVIEW	27
FIGURE 18 - TOPOLOGY MAP FOR INDIVIDUAL SYSTEMS AND SWITCHES	
FIGURE 19 - NEW VLAN OVERVIEW	29
FIGURE 20 - NEW REPORT - CURRENTNESS OF DATA	
FIGURE 21 - EXTENDED WINDOWS INVENTORY - SELECTION OF COMPONENTS	31
FIGURE 22 - NEW ASSIGNMENT CRITERIA – NETWORK ADDRESS	32
FIGURE 23 - CREATING AND ASSIGNING ASSIGNMENT CRITERIA IN THE SYSTEM ASSIGNMENT WIZARD	
FIGURE 24 - MAINTAIN DATA INVENTORY	34
FIGURE 25 – LICENSE CLEANUP	35
FIGURE 26 - COPY INFORMATION OUT OF THE DATA AREA	
FIGURE 27 - IMPORT SAMPLE DATA DURING INITIAL CONFIGURATION	
FIGURE 28 - INCLUDING DEMO DATA WHEN CREATING A NEW DATABASE	
FIGURE 29 - SYSTEM TYPES - LINUX AND ESX HOSTS	40
FIGURE 30 - EFFECTS OF SET PERMISSIONS ON THE OTHER TENANTS	42
FIGURE 31 - REPORT MANAGEMENT WITH CATEGORIES AND DESCRIPTIONS	44
FIGURE 32 - NEW POSITION UND CATEGORIZATION OF REPORTS	45



VERSION HISTORY

Date	Description
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