

8MAN

Access Rights Management. **Only much Smarter.**



Access Rights Management AD Logga Manual

Version 9

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1 Security Monitoring



A great many employees make changes in Active Directory and to the file server. Security risks can arise without comprehensive monitoring. With our Active Directory Logga and File Server Logga, you can record all security-relevant activities in your company network. This allows you to trace what has been done in the network, by whom and when.

At process levels, you gain complete visibility into Access Rights activities. Changes made outside of 8MAN are recorded. Based on the information obtained, your Access Rights Management process can be optimized.

With the included alerts you are informed in real-time of critical events.

Security Monitoring can be combined with all base versions. It can be added with the following add-ons:

Active Directory

8MATE AD Logga

Fileserver

8MATE FS Logga

1.1 8MATE AD Logga



The Problem

Changes to Active Directory or file servers are made by a variety of employees. Without full monitoring, security risks and inconsistencies in the processes are created.

Security risks

Security risks often occur when group memberships give unauthorized employees access to sensitive documents. If group memberships are revoked again immediately, the security incident is usually not recognized.

Confusing processes

Confusing processes can only be improved if the current process can be analyzed and understood. Who manages group memberships and resets passwords? Where do problems occur and where is more coordination required. Analyzing past mistakes can be very beneficial in designing a solid process for group assignments.

The Solution

8MAN creates transparency of the access rights situation in Active Directory. The AD Logga expands this transparency to include the entire history of access rights changes in your system. This even includes any changes made outside of 8MAN. Security relevant temporary group memberships thereby become completely transparent. Through our configurable reports all activities related to user accounts, objects, groups and attributes become fully traceable and transparent.

This is achieved with the AD Logga

- Giving Administrators a complete picture of all AD activity, allowing them to optimize processes.
- Auditors recognize security incidents and all involved parties. This way the appropriate remedies can be implemented.
- The management has the certainty: With its monitoring, AD Logga provides the data for internal security and process improvements.

With the 8MATE AD Logga, you are constantly monitoring changes to AD. The AD Logga also records changes that were not executed with 8MAN.

The following changes are monitored by AD Logga:

- AD object created / deleted
- AD object moved
- Group, user account or computer account created / deleted
- Group membership changed
- Account enabled / disabled
- Password reset
- Account locked / unlocked
- Attribute changes to AD objects (for example, Group type, Distinguished Name, Department ...)

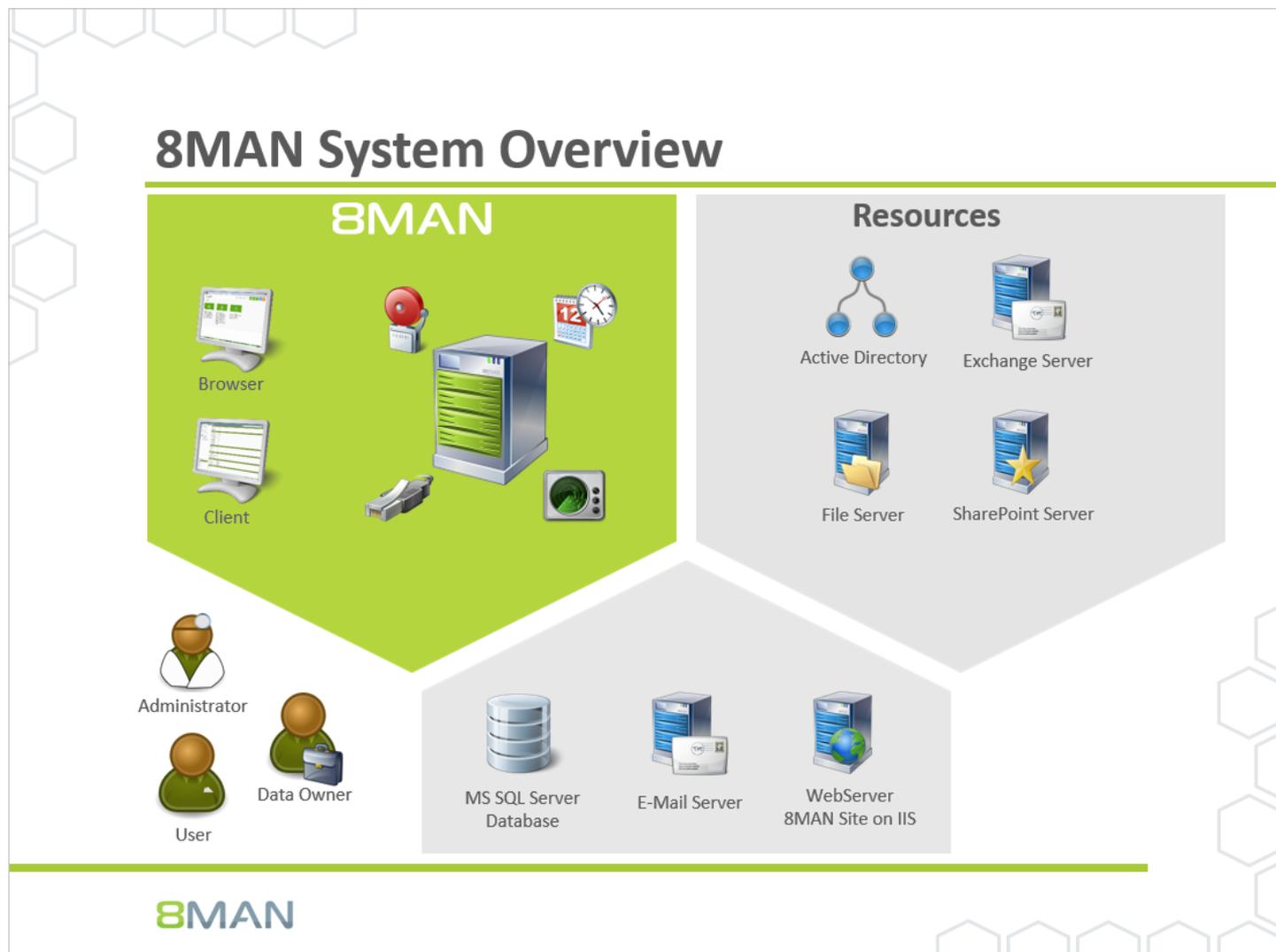
Recorded changes are stored in the 8MAN database and are retrievable via the 8MAN logbook and reports.

The 8MAN AD Logga works without an agent. You do not have to install any extra software on the domain controllers. Supported server versions are described in the [system requirements](#).

The technology used by the 8MATE AD Logga ensures that all events are recorded seamlessly. Short-term failures of the 8MAN collector, e.g. due to maintenance, do not lead to missing events in the 8MAN logbook.

2 System requirements

2.1 The 8MAN architecture



The 8MAN Suite is comprised of three components:

- 8MAN server to process new data and requests from the 8MAN GUI
- Collectors to connect your resource and data systems
- 8MAN graphical user interface (application and configuration module, web interface)

The 8MAN component architecture allows you to run installations across a variety of remote resources in an extremely efficient manner. All individual components are connected with each other via network interfaces. You can even run several components on the same computer.

2.2 AD Logga requirements

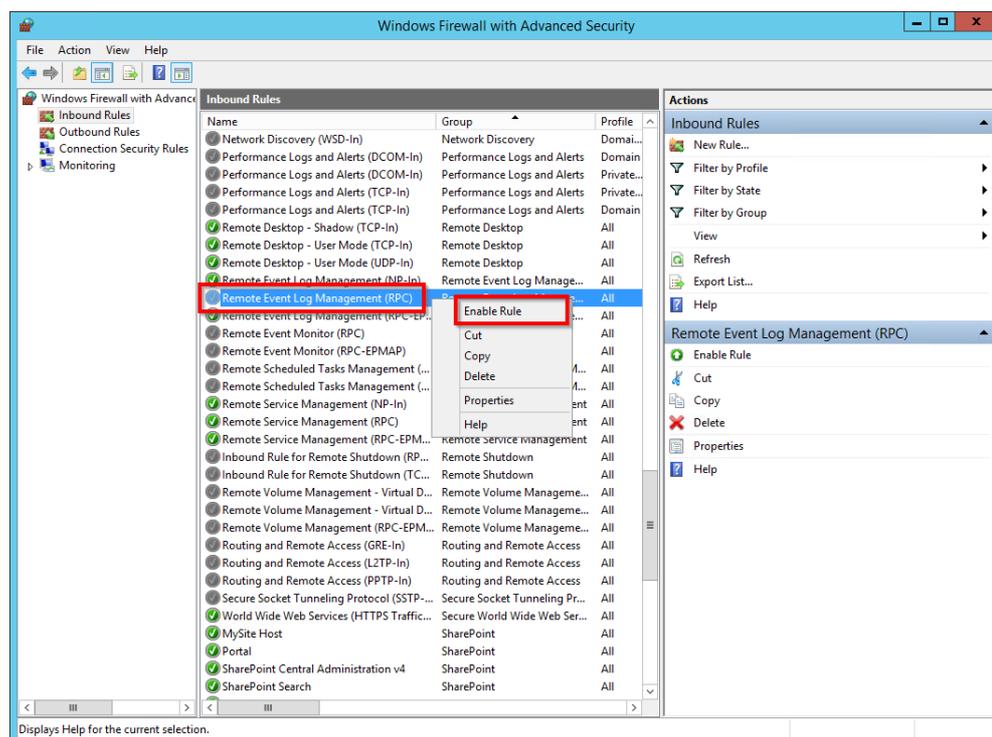
The 8MATE AD Logga supports domain controllers (DCs) that run on the following server versions:

- Microsoft Windows Server 2008 (32-bit and 64-bit), 2008 R2, 2012, 2012 R2 and 2016

The 8MATE Logga does not require a dedicated collector. Even the 8MAN server itself can be used as a collector.

2.3 Network requirements and firewall settings

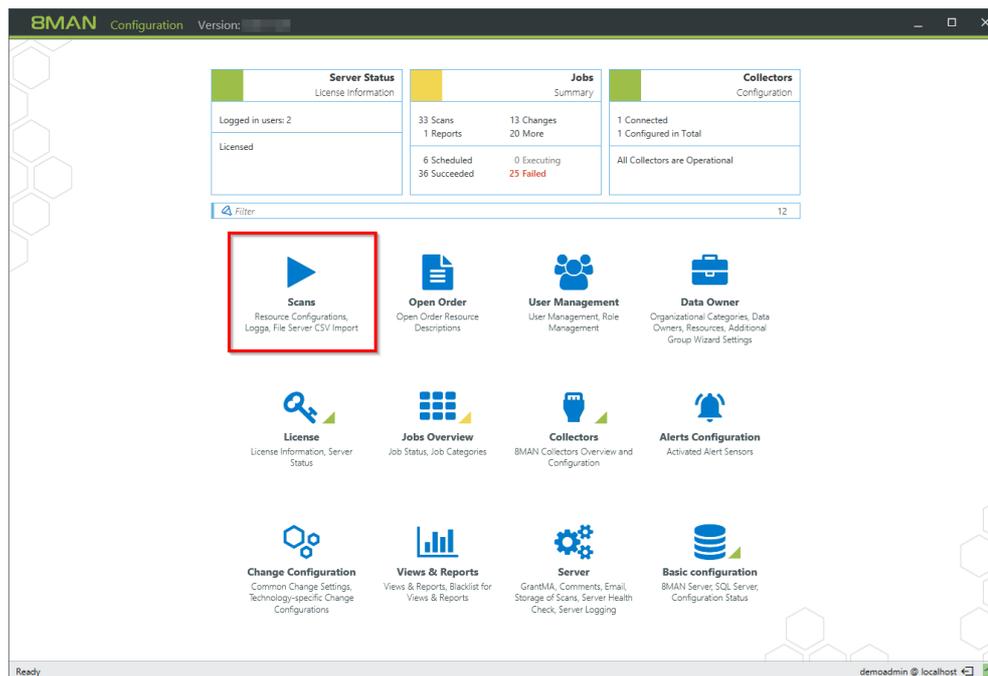
2.3.1 Configure the Windows firewall for AD Logga



If the Windows firewall is applied on the DC that you would like to monitor, then a pre-defined Microsoft rule "Remote Event Log Management (RPC)" must be enabled.

Repeat the process as needed for all DCs that you would like to monitor.

3 Configure Scans and Logga



8MAN scans access rights structures from different resource systems in configurable intervals. The scan results are stored in an SQL data base. Users can access these results quickly via the 8MAN GUI, as they are already located in the data base.

Events that occur in between scans are captured by the 8MATES AD Logga and FS Logga. 8MATES are modules that can be added to 8MAN and require the appropriate license.

Click on "Scans" to configure resource scans and Logga settings.

3.1 Configure Active Directory (AD) Logga

3.1.1 Enable monitoring for AD Logga

3.1.1.1 Configure audit policies for domain controllers (DCs)

In order to be able to access AD Logga functionality you must activate a special audit policy.

If you want to make changes to audit policy you must be a member of the appropriate domain admin or organization admin group.

3.1.1.1.1 Configure audit policies for DCs on server 2008

Before configuring audit policies you should verify that all required categories are activated.

You can activate the required audit policies by running the following commands on every DC with admin rights:

For "Monitor policy changes":

```
auditpol /set /subcategory:{0CCE922F-69AE-11D9-BED3-505054503030} /success:enable
```

For "Directory service changes":

```
auditpol /set /subcategory:{0CCE923C-69AE-11D9-BED3-505054503030} /success:enable
```

For "Managing User Accounts", "Managing computer accounts", "Managing security groups", "Managing distribution groups", "Managing application groups" and "other account management events":

```
auditpol /set /subcategory:{0CCE9235-69AE-11D9-BED3-505054503030} /success:enable  
auditpol /set /subcategory:{0CCE9236-69AE-11D9-BED3-505054503030} /success:enable  
auditpol /set /subcategory:{0CCE9237-69AE-11D9-BED3-505054503030} /success:enable  
auditpol /set /subcategory:{0CCE9238-69AE-11D9-BED3-505054503030} /success:enable  
auditpol /set /subcategory:{0CCE9239-69AE-11D9-BED3-505054503030} /success:enable  
auditpol /set /subcategory:{0CCE923A-69AE-11D9-BED3-505054503030} /success:enable
```



Repeat this process for every DC!

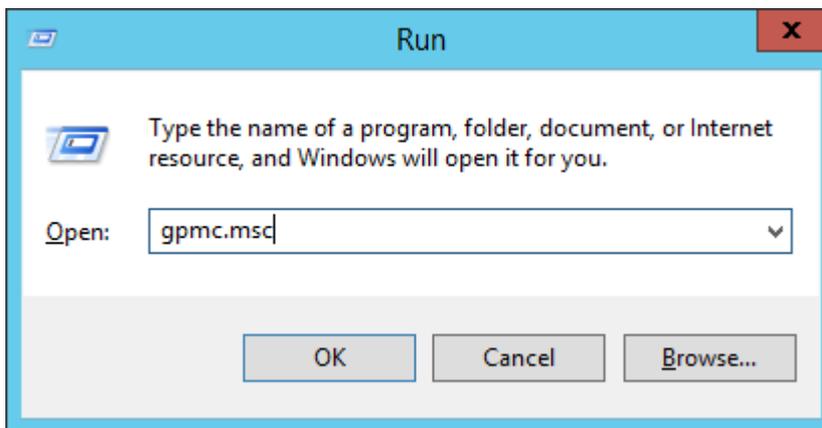
3.1.1.1.2 Configure audit policies for DCs on server 2008 R2 or higher

You can use the group policy editor to manage audit policy on server 2008 R2 or higher. This means you only need to implement the policy once rather than having to repeat it for every DC.

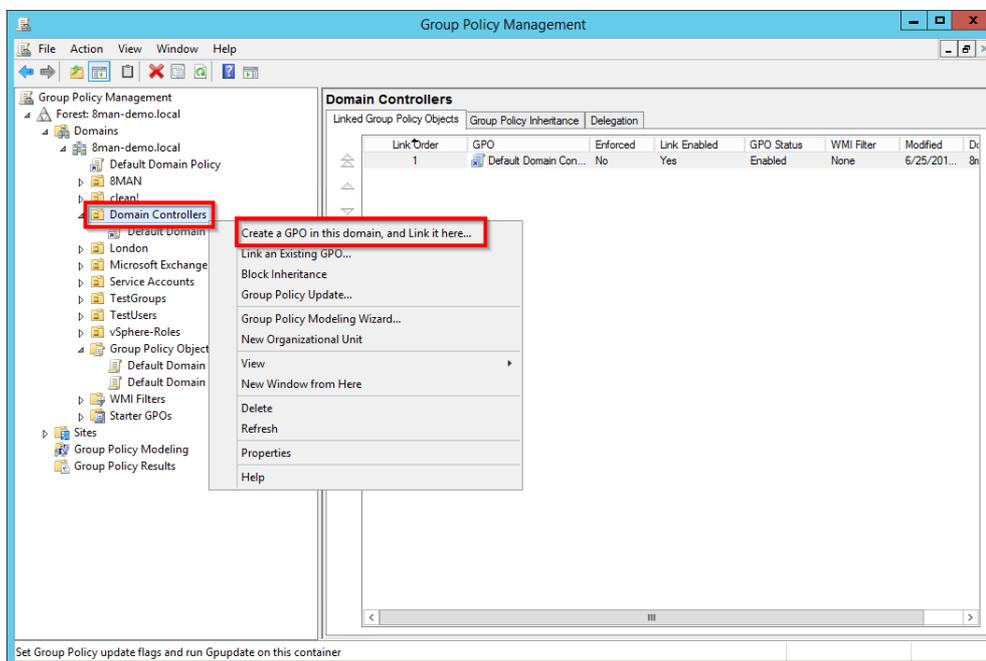
Please note that the activation of audit policy may be delayed on the domain controllers (DCs) depending on your replication interval.

Once you have completed these settings:

- complete a manual policy update with the command "gpupdate /force"
- [Verifying the execution of audit policies](#)

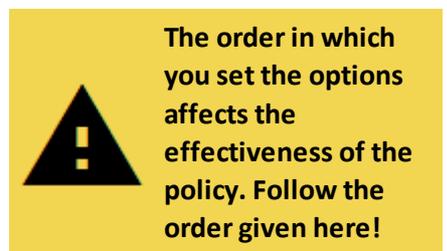


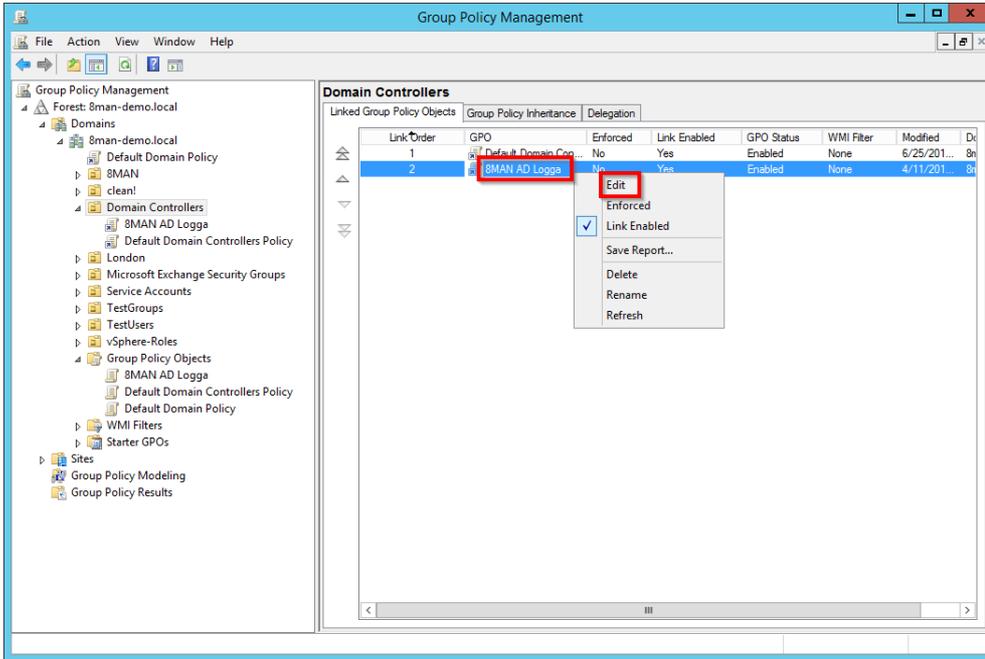
Start managing group policies, by opening:
gpmc.msc



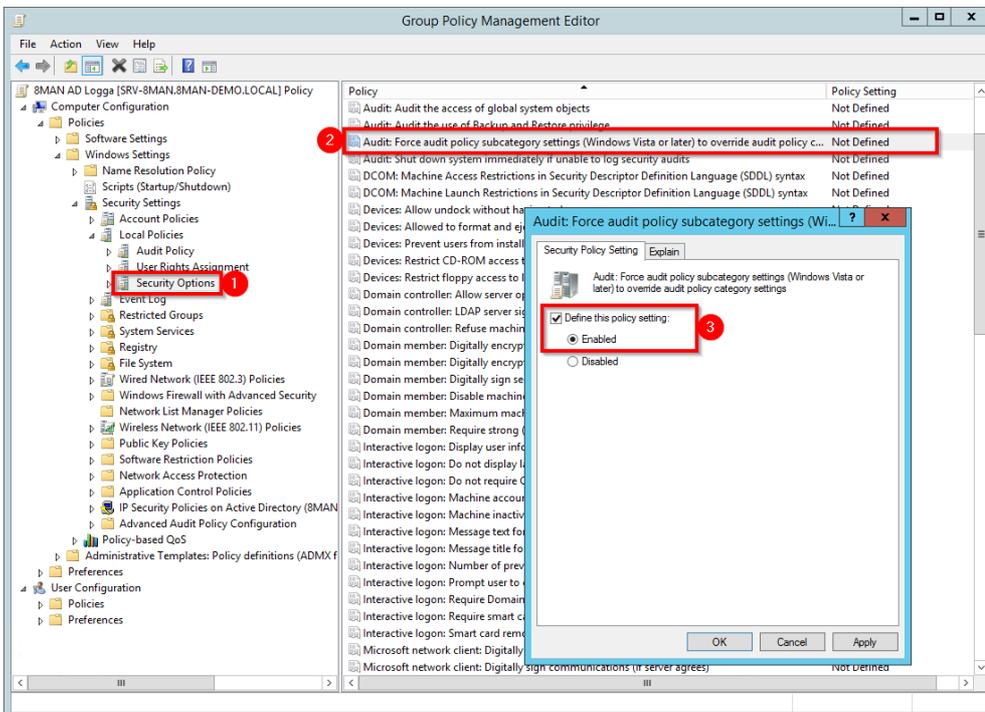
Create a new group policy.
Select the OU in which the DC computer accounts are located. By default they are located in the OU "Domain Controllers".

Please ensure that the newly created policy is applied/winning to the appropriate DCs (hierarchy and order).



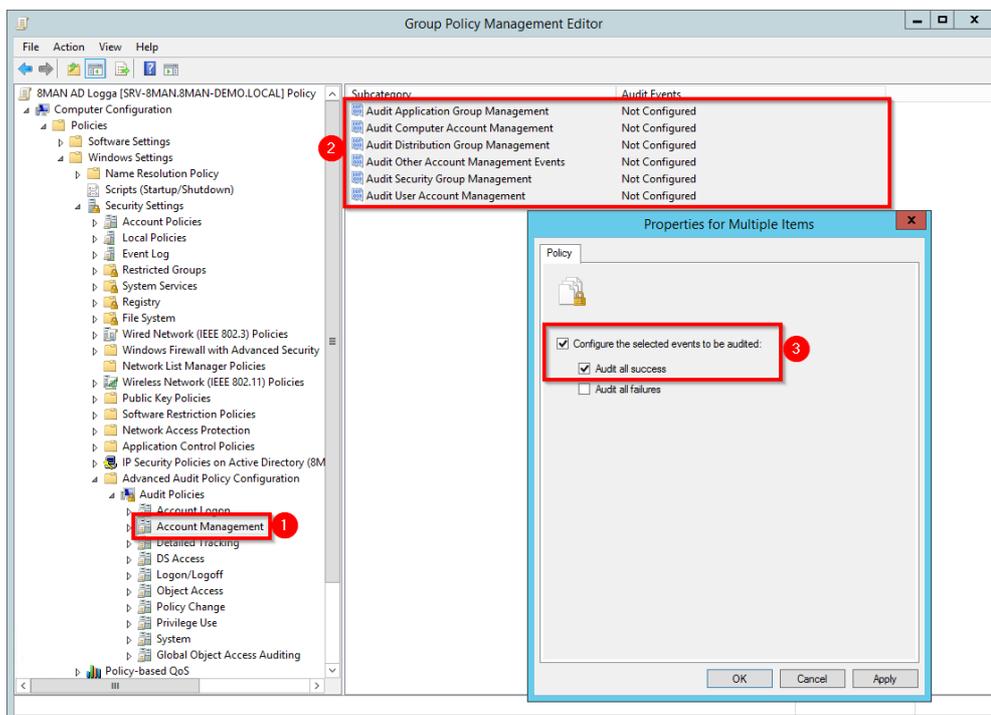


Select the newly created group policy by right clicking and selecting "edit".

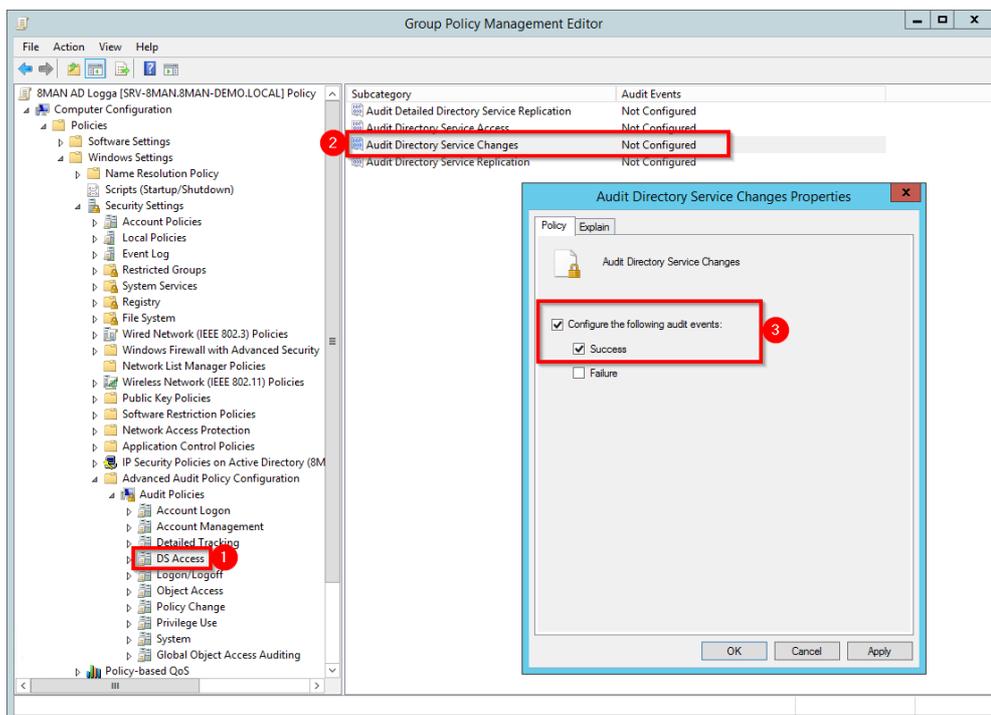


1. Navigate to "security options".
2. Select the policy "Audit: Force audit policy...".
3. You can activate the security policy by right-clicking and selecting "Properties", as shown in the diagram.

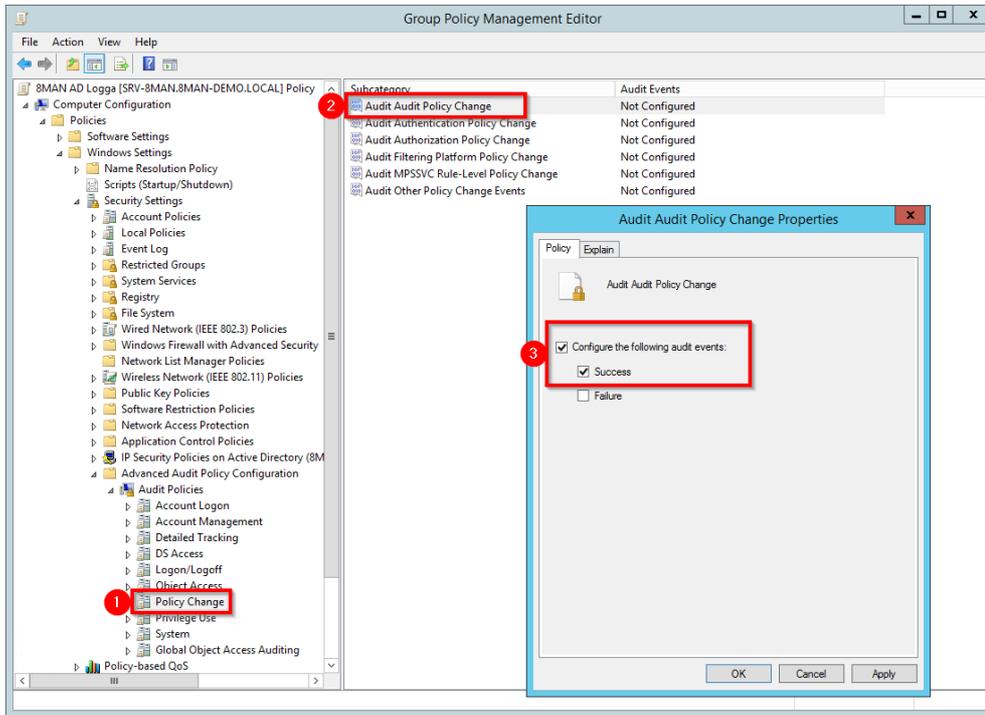
 **The order in which you set the options affects the effectiveness of the policy. Follow the order given here!**



1. Navigate to account management.
2. Use multi-select and select all subcategories.
3. Activate the audit by right-clicking and selecting "Properties", as shown in the diagram.



1. Navigate to "DS Access".
2. Select the subcategory "Audit Directory Service Changes".
3. You can activate the audit by right-clicking and selecting "Properties", as shown in the diagram.



1. Navigate to "Change policy".
2. Select the subcategory "Audit Audit Policy Change".
3. You can activate the audit by right-clicking and selecting "Properties", as shown in the diagram.

Once you have completed these settings:

- complete a manual policy update with the command "gpupdate /force"
- [Verifying the execution of audit policies](#)

3.1.1.1.3 Configure AD Logga storage settings

1000 events require approximately 0.57 MB of storage in the data base.

By default the storage period of AD Logga events is set to 30 days and can be managed under server -> storage of scans.

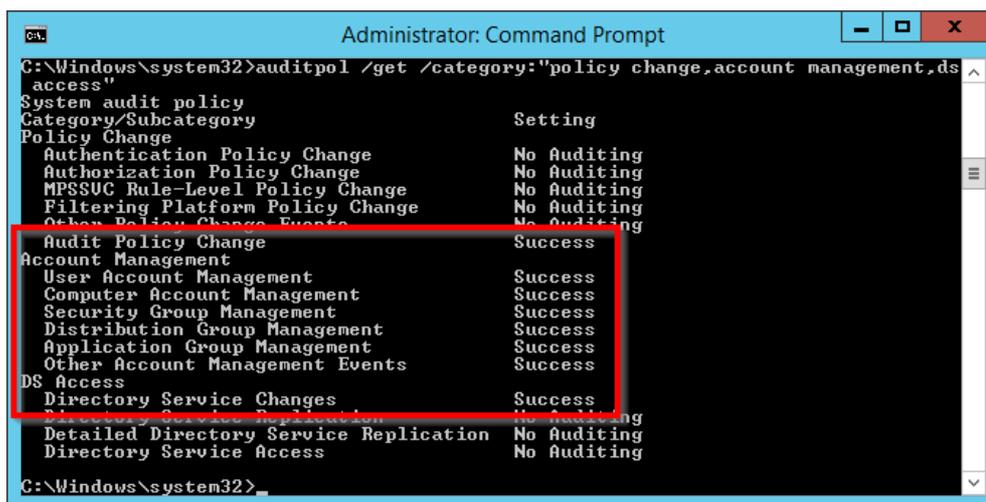
3.1.1.1.4 Verify the audit policy settings

You can verify the effectiveness of audit policies by starting the command prompt with admin rights and entering the following command:

```
auditpol /get /category:"policy change,account management,ds access"
```

or

```
auditpol /get /category:*
```



```
Administrator: Command Prompt
C:\Windows\system32>auditpol /get /category:"policy change,account management,ds
access"
System audit policy
Category/Subcategory          Setting
Policy Change
Authentication Policy Change  No Auditing
Authorization Policy Change    No Auditing
MPSSUC Rule-Level Policy Change No Auditing
Filtering Platform Policy Change No Auditing
Other Policy Change Events     No Auditing
Audit Policy Change            Success
Account Management
User Account Management        Success
Computer Account Management    Success
Security Group Management      Success
Distribution Group Management  Success
Application Group Management    Success
Other Account Management Events Success
DS Access
Directory Service Changes      Success
Directory Service Replication  No Auditing
Detailed Directory Service Replication No Auditing
Directory Service Access        No Auditing
C:\Windows\system32>
```

The marked subcategories must be set to "Success".

3.1.1.2 Set the size of the Windows event logs

To ensure that you don't "lose" any events, you must configure the maximum size for security event logs appropriately. For audit policy settings the storage requirements is roughly 1KB per event.

For example:

For a server outage or maintenance time (of the collector server selected for the AD Logga) of one hour, with approximately 1000 events per hour, the absolute minimum security event log size would be 1MB. Considering the low storage space requirements for 1000 events, the uncertainty of outage times as well as the potential relevance of individual security events we highly recommend that you ensure that enough storage space is available.

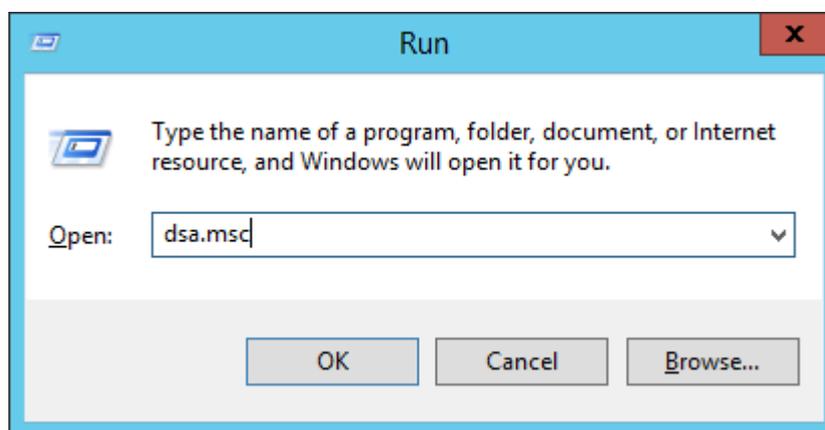
More information on how to manage storage size can be found at [Microsoft](#).

3.1.1.3 Set audit permissions in the AD object SACLs

After activating the audit policies you must set the audit permissions for AD objects (SACL) accordingly.

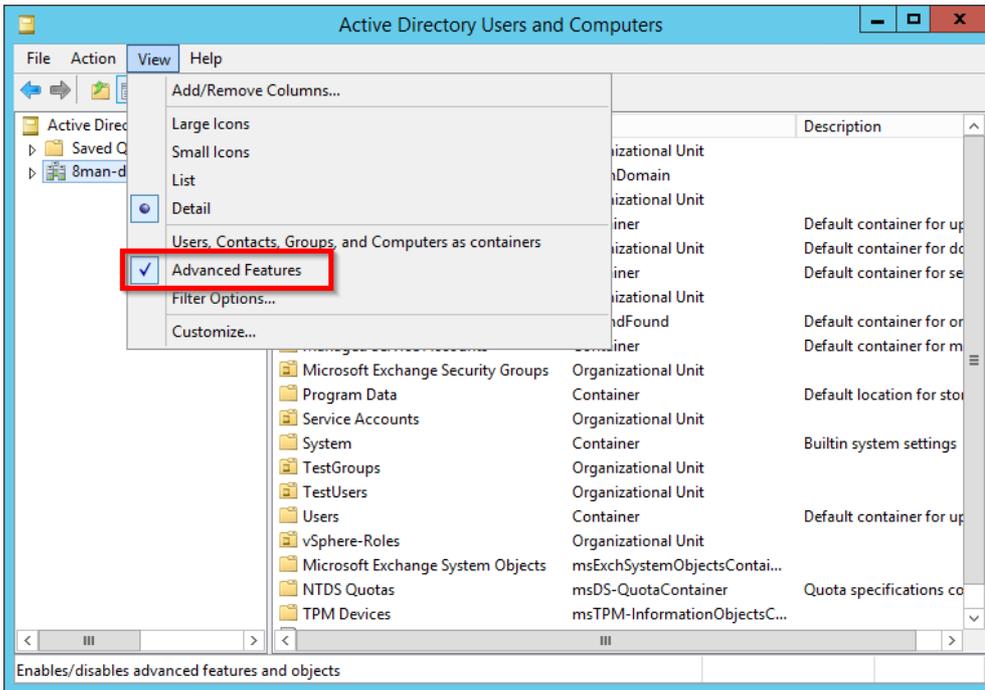
The user right "Manage auditing and security log" is required for the configuration of the SACL (this corresponds to the privilege "SeSecurityPrivilege"). You must be a member of the "event log reader" or domain admin group.

The configuration of the SACL is only required for one of the domain controllers. All other DCs receive the configuration via replication.

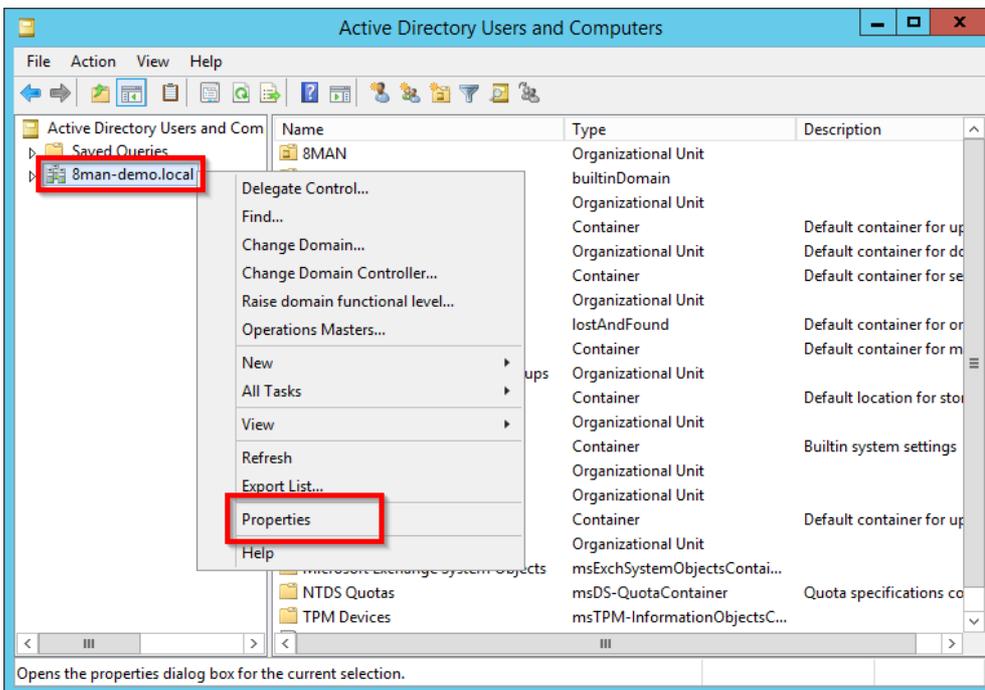


Start the management of Active Directory users and computers on a DC by opening

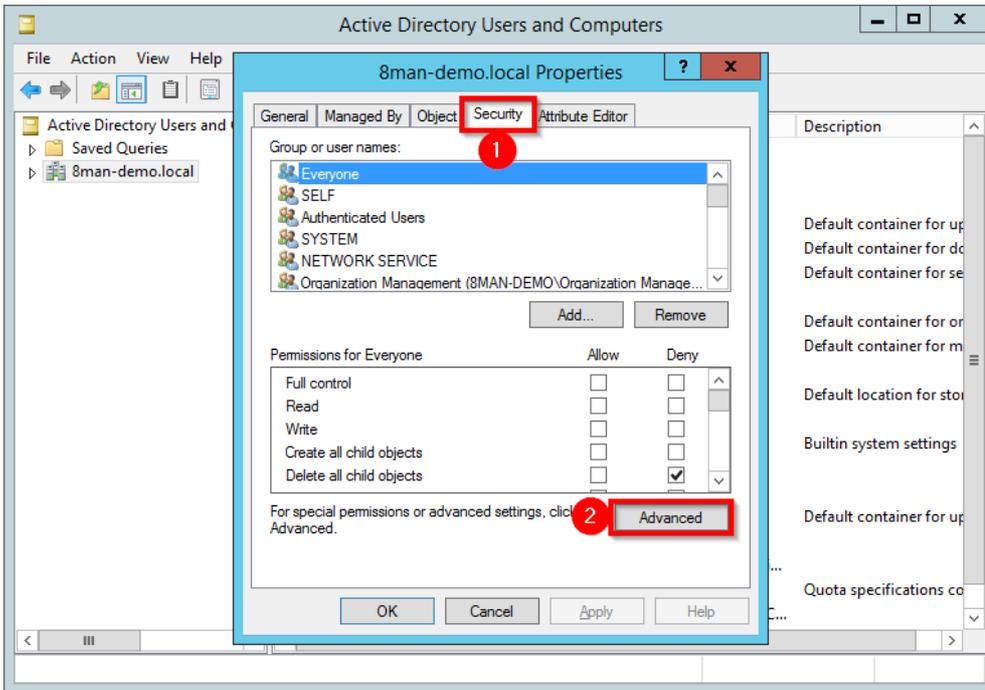
dsa.msc



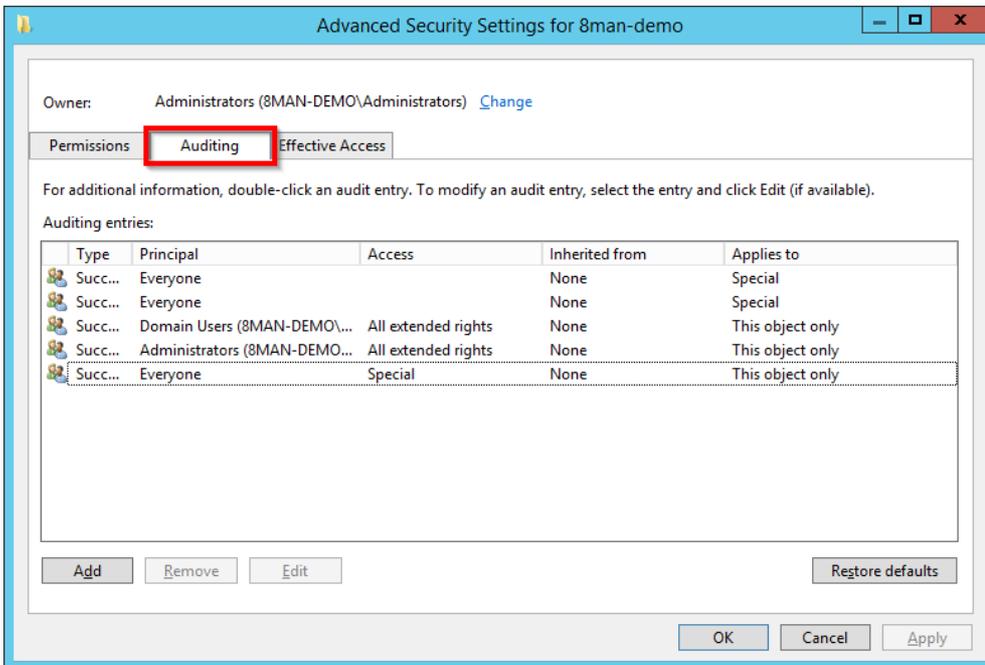
Activate the option "Advanced Features".



Select the domain that you want to monitor by right-clicking on it and selecting "Properties".



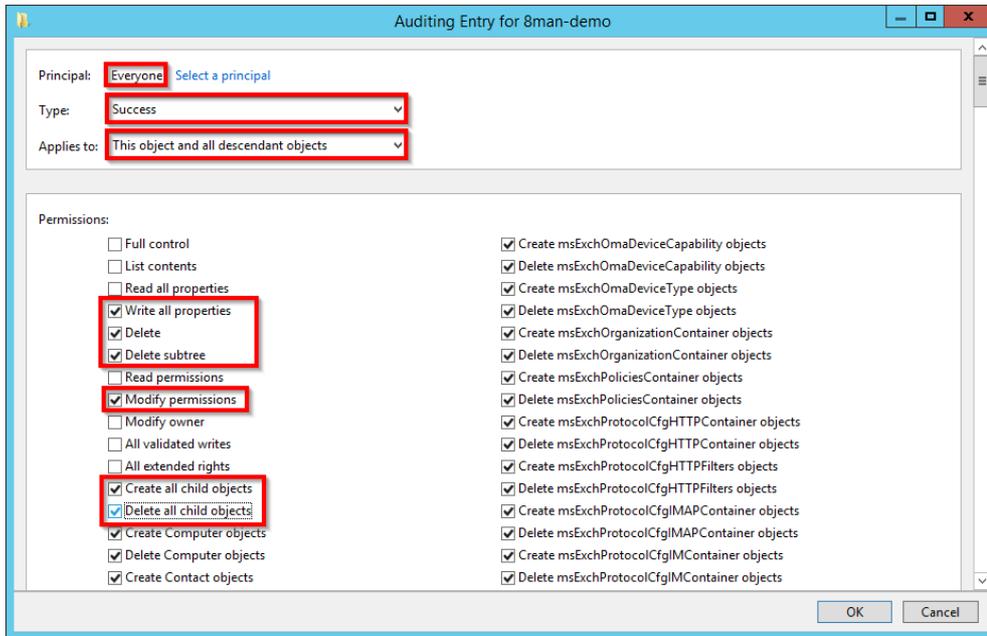
In the properties window, select the tab "Security" and then click on "Advanced".



Select the tab "Auditing".

Analyze the existing access rights. Perhaps the required permissions already exist.

If required, expand the access rights of an existing "Everyone" principal or add the desired entry.



At minimum, the following is required:

Principal: "Everyone"

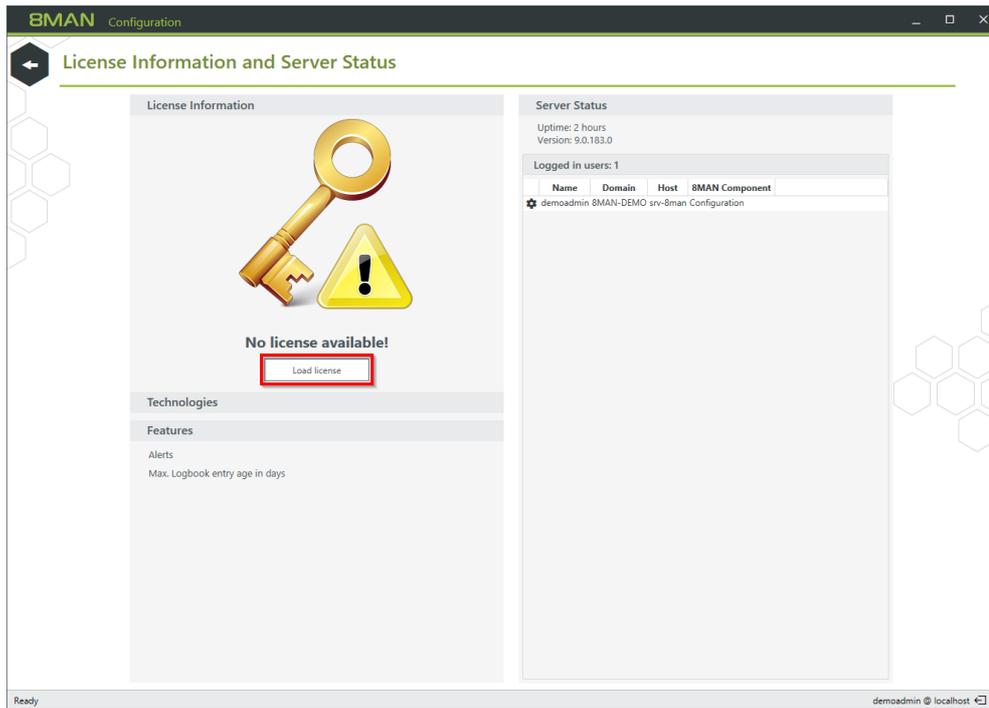
Type: "Successful"

Apply to: "This object and all descendant objects"

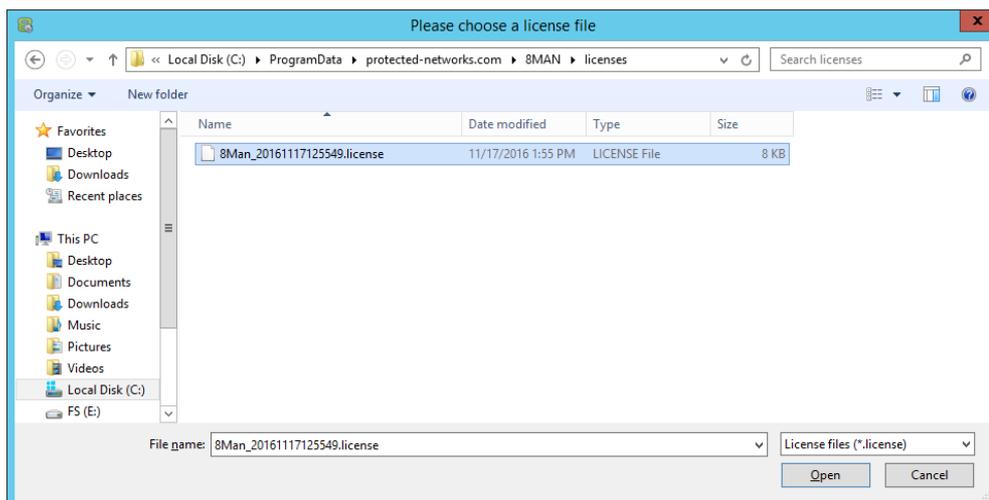
Permissions:

- Write all properties
- Delete
- Delete subtree
- Modify permissions
- Create all child objects
- Delete all child objects

3.1.2 Load the license file and check covered features



Click on "Load license".



Select the path where your license key is stored.

8MAN license files have the file extension ".license".

After clicking on open, the license key will be copied to

%ProgramData%protected-networks.com\8MAN\licenses

All licensed features are activated immediately.

The screenshot shows the 8MAN Configuration web interface. The main heading is "License Information and Server Status". On the left, there is a "Load license" button. Below it, the "Technologies" section is highlighted with a red box. This section contains a list of domains, user counts, and server counts for various technologies. Below the technologies, there are sections for "More Technologies" and "Features". The "Server Status" section on the right shows the uptime and version, and a table of logged-in users. The "Documentation" section at the bottom right provides links to documentation for Easy Connect - SQL, Easy Connect - CSV, and Microsoft Dynamics NAV.

License Information:

- Customer: Protected Networks GmbH
- Licensed: Yes
- Licensed since: Wednesday, September 20, 2017 11:58 AM

Technologies (highlighted):

- Domains: *8man-demo.local*, protected-networks.local, 8man-demo.local, musterfirma.local, octo.local, protected-networks.local
- User count: unlimited
- File server count: unlimited
- Active Directory Logga count: 8
- File server Logga count: 8
- Exchange Logga count: 8
- SharePoint (Web Applications): 8
- Exchange Forests: 8

More Technologies:

- 8MAN EasyConnect CSV
- 8MAN EasyConnect SQL
- 8MATE SharePoint
- 8MATE SharePoint Online

Features:

- GrantMA: Yes
- Programming Interface: Yes (read and modify)
- Alerts: Yes
- Analyze and Act: Yes
- More Features: 8MAN Clean! (9/21/2018 9:58:51 AM)

Server Status:

- Uptime: 2 hours
- Version: 9.0.183.0

Logged in users: 1

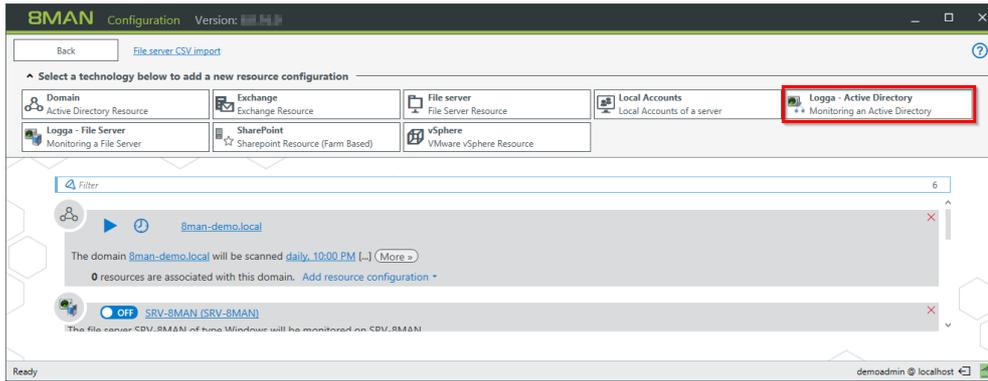
Name	Domain	Host	8MAN Component
demoadmin	8MAN-DEMO	srv-8man	Configuration

Documentation:

- Easy Connect - SQL
 - [How to documentation](#)
 - [Example SQL command files](#)
- Easy Connect - CSV
 - [How to documentation](#)
 - [Example CSV files](#)
- Microsoft Dynamics NAV
 - [description smart-it4.com pdf files](#)

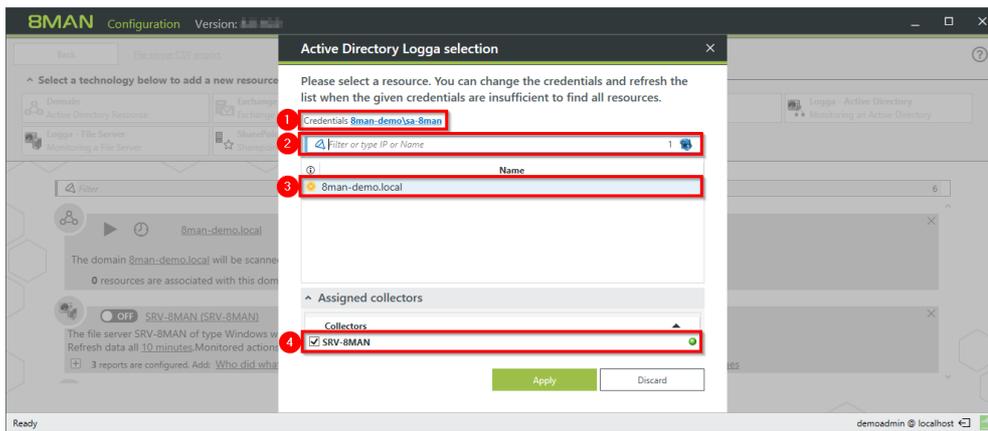
If the license file has been successfully loaded you will see detailed information on licensed features.

3.1.3 Add an AD Logga configuration



On the configuration home page select "Scans".

Select "Logga - Active Directory".

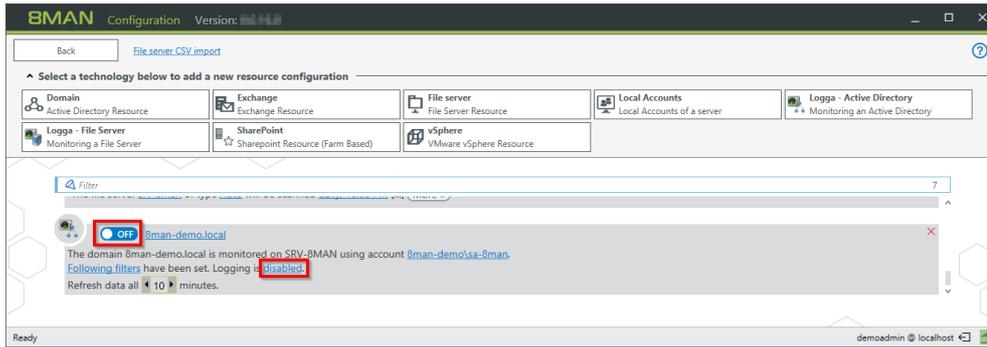


1. Enter valid credentials for the domain that you want to monitor.
2. Use the filters to find the desired domains.
3. Select a domain. Child domains are not monitored. Every domain must be configured separately.
4. Select a collector server. You can only select one collector per domain.

After adding an AD Logga configuration, it initially remains deactivated.

You must [activate the AD Logga](#) to record events.

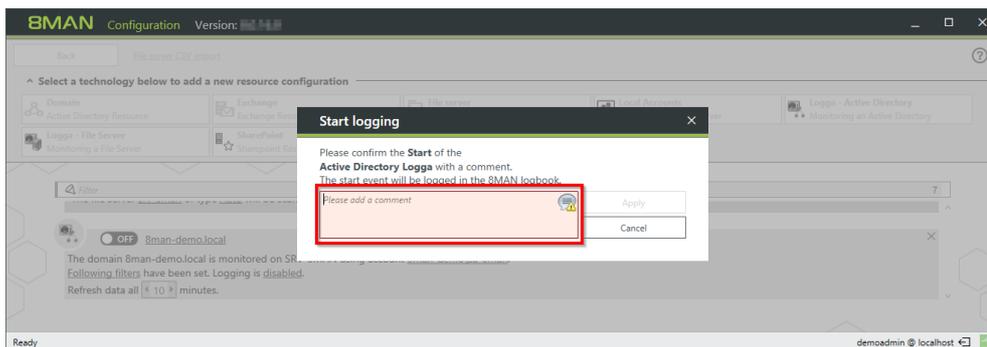
3.1.4 Activate/deactivate AD Logga



On the configuration home page select "Scans".

Click on the switch icon or link of the desired AD Logga configuration in order to activate it.

AD Logga events are stored by default for 30 days. See Configure storage of scans settings.

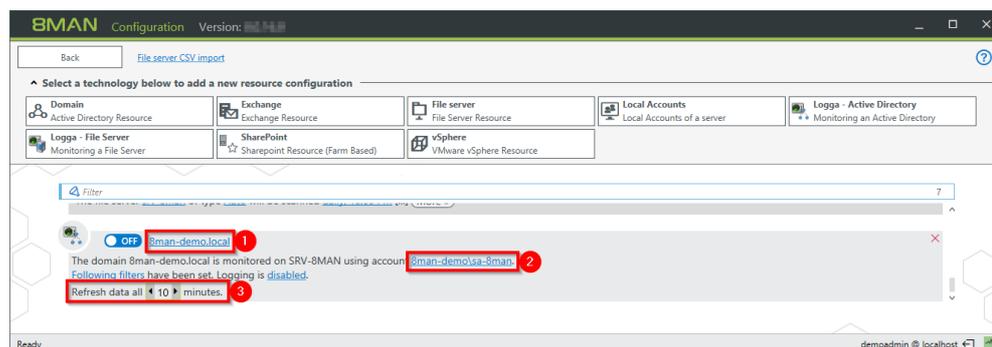


You must enter a comment.

Follow the same steps for deactivation.

3.1.5 Modify the AD Logga configuration

On the configuration home page select "Scans".



1. Give the configuration a different name.
2. Set the account used by AD Logga to read events from the domain controller. The account must be a member of the group "event log readers" or "domain admins". You can only change this setting when the Logga is turned off.
3. Determine how frequently Logga data is updated. Events are cached by the collector and transferred to the data base via the 8MAN server in configured intervals. Standard setting: 10 minutes
Possible values: 1 to 60 minutes.

3.1.5.1 Filter AD Logga Events

You can filter out desired events in order to focus on specific and relevant entries. Filtering means that filtered events will not be displayed.

This allows you to significantly improve your overview and reduce data volume. A typical example are frequent attribute changes of the Exchange server.

You are only able to configure filters if at least one AD scan is stored in the database.

3.1.5.1.1 Understand filtering principles

The AD Logga filter is considered a blacklist filter. In this case, blacklist means: The AD Logga records all possible events. You can determine which results are excluded.

By default the filter is set to the object classes "Service-Connection-Point" and "Print-Queue".

The filter criteria work cumulatively. An event is excluded if criteria 1, or criteria 2, or criteria 3 is fulfilled, or multiple criteria simultaneously.

The filter criteria do not correlate to each other. The events are evaluated by the AD Logga consecutively based upon the entered criteria. If one of the criteria is fulfilled, the AD Logga immediately excludes the result independent of whether any other criteria have been evaluated.

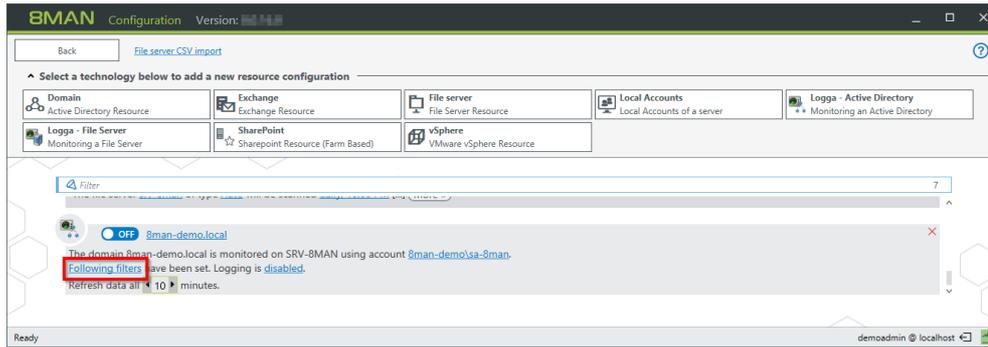
For example:

- If User A is configured as a filter, then all changes made by him will be excluded, even if the object classes or attributes that he made changes to are not configured as a filter. Changes that affect User A are still included.
- If object class X is configured as a filter, then all events, that include this object class explicitly will be excluded, even if the event author or changed attribute is not configured as a filter. This also applies to attribute filters.

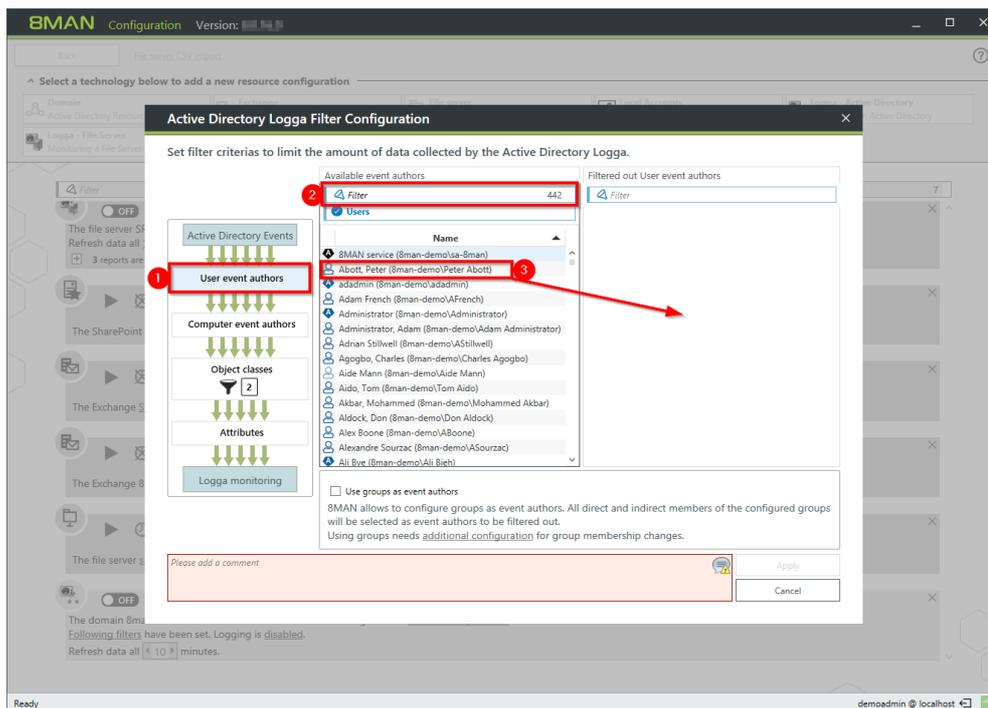
Please note:

Not all security logs include affected object classes or attributes. For example changes to group memberships will not be excluded, even if the object classes "User" and "Group" and the attribute "Member" are configured as filters.

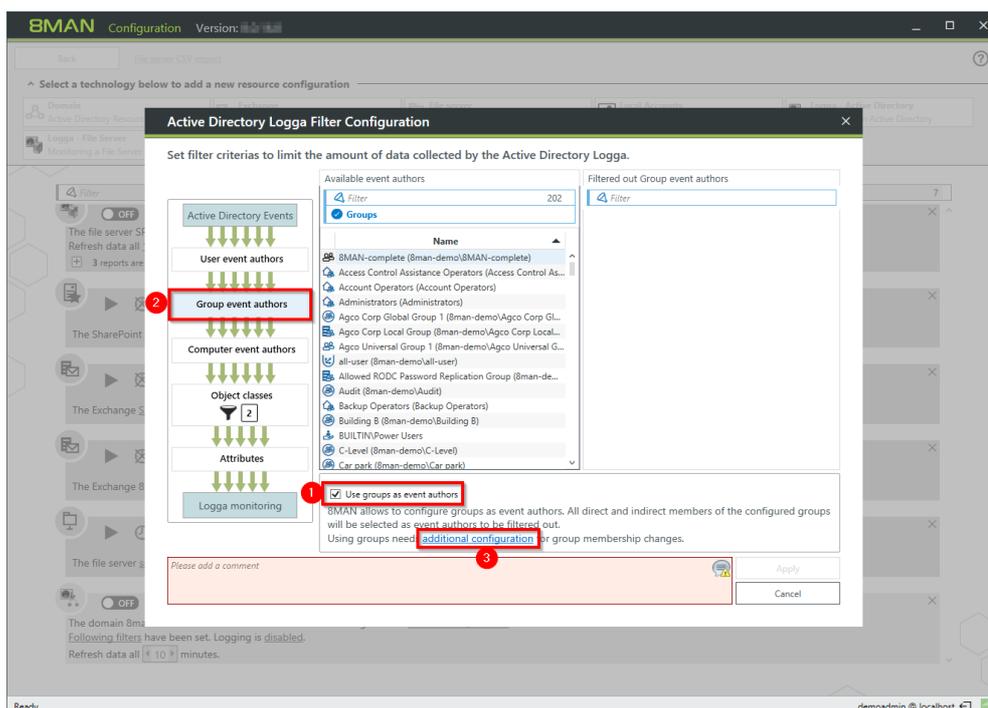
3.1.5.1.2 Configure event filters



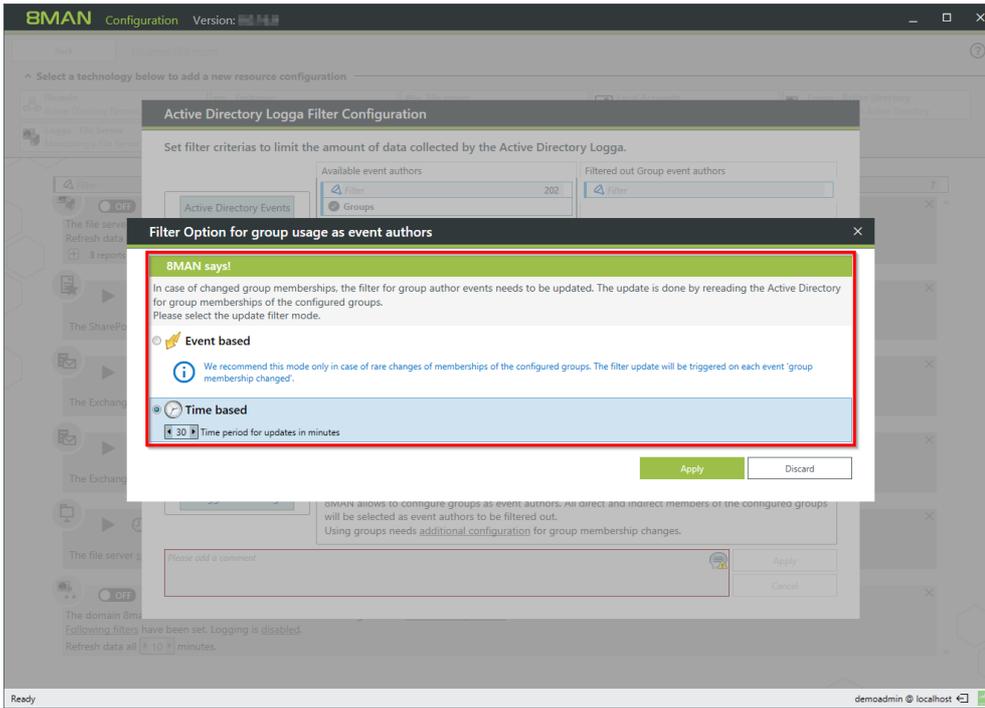
Click on the link "Following filters".



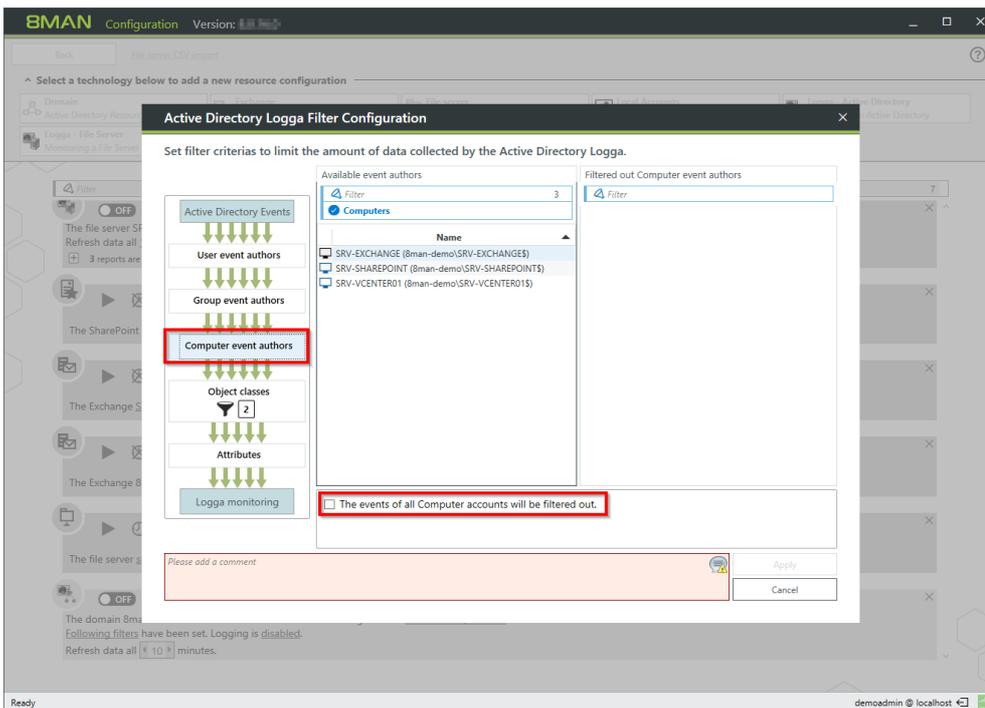
1. Filter events related to specific users.
2. Use the filter to find the desired user. You can search for either display name or CommonName.
3. Select the desired user and move him with drag&drop into the right hand column.



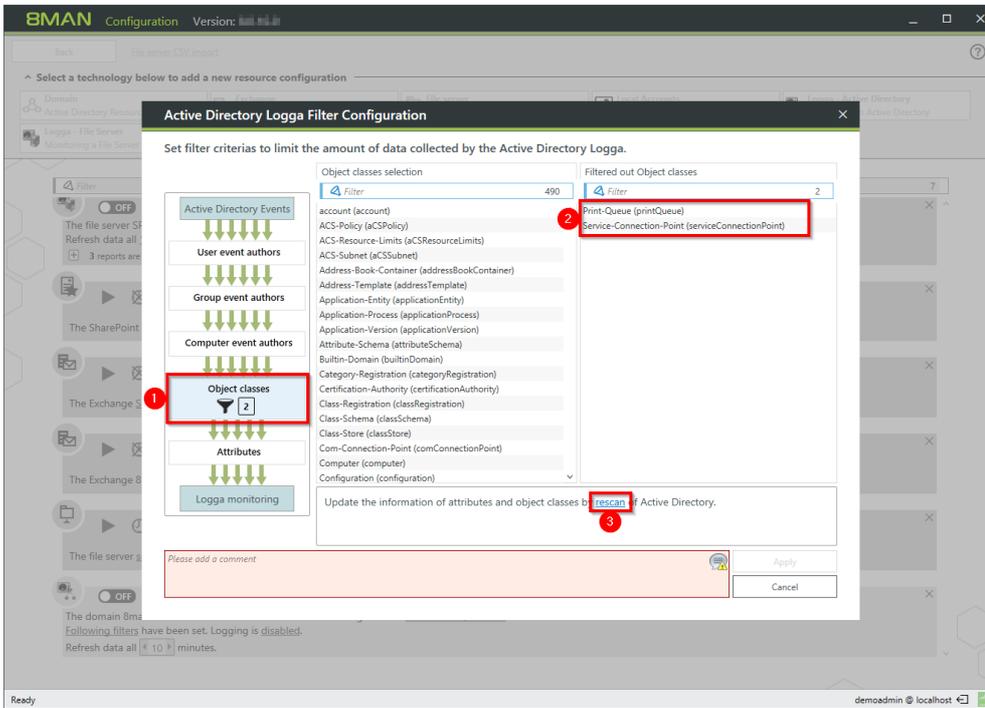
1. You can filter groups as event authors. Activate the option.
2. The filter level is shown. By moving groups into the right hand column with drag & drop, all events of users who are direct or indirect members of that group are filtered and excluded.
3. Click on "additional configuration".



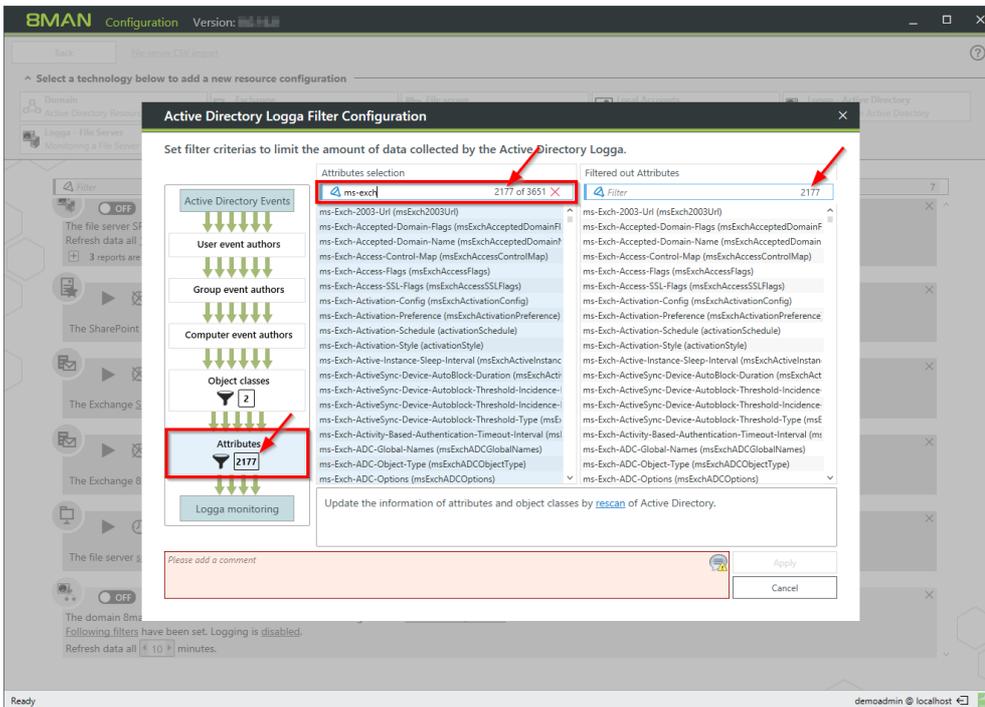
Determine which mode is used by the filter to update group memberships. Please note the information in the displayed dialog. Only use "event-based" if memberships in the filtered groups change rarely. The update interval for the "time-based" option can be set anywhere between 10 and 1440 min (24h). The shorter the interval, the higher the load on your AD.



Filter events for selected or all computer accounts.



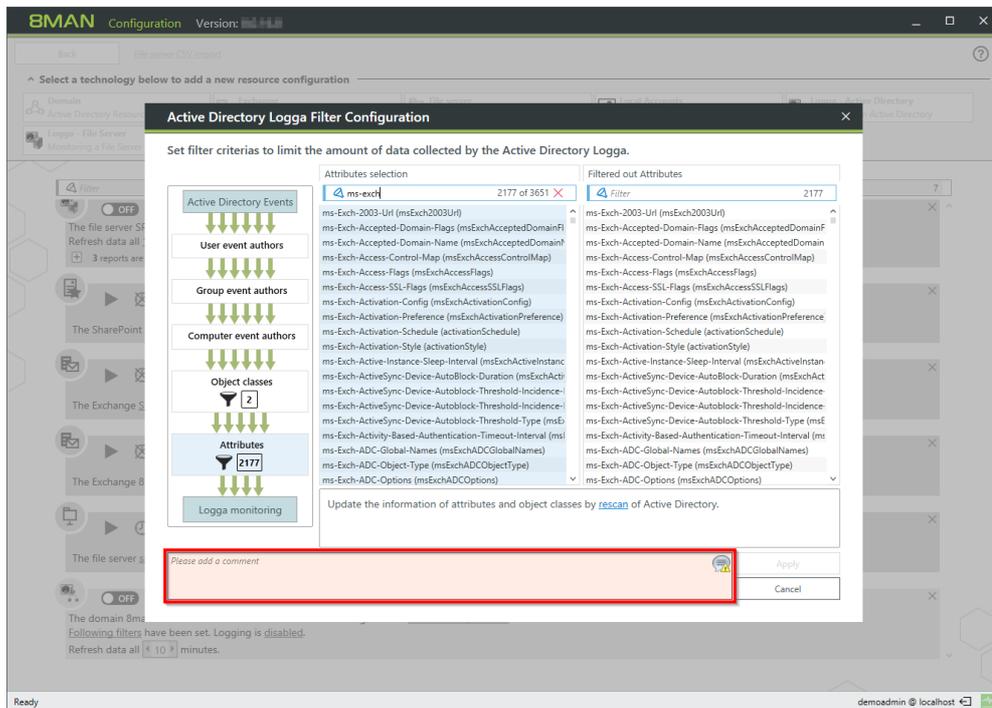
1. Filter the events of specific object classes.
2. By default events relating to the two selected object classes will be filtered.
3. The initial loading (and a rescan) of object classes from AD may take some time. After that the object classes will be loaded from the data base.



Filter events related to specific attributes.

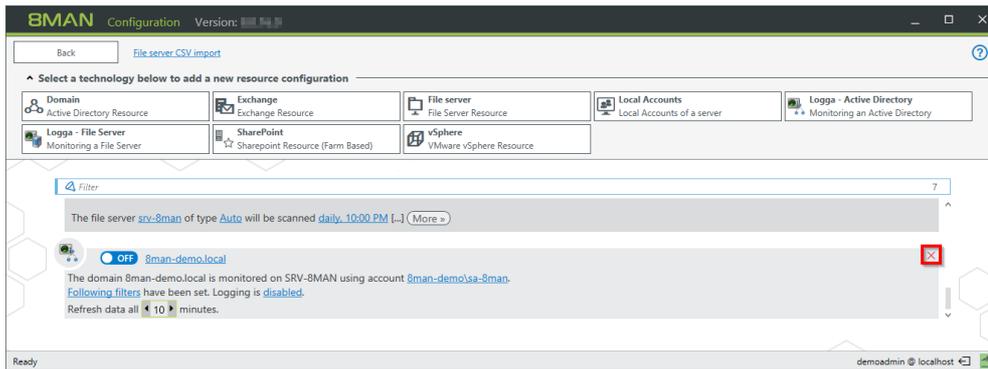
For example:

All events related to attributes that include "ms-exch" are filtered out / excluded.

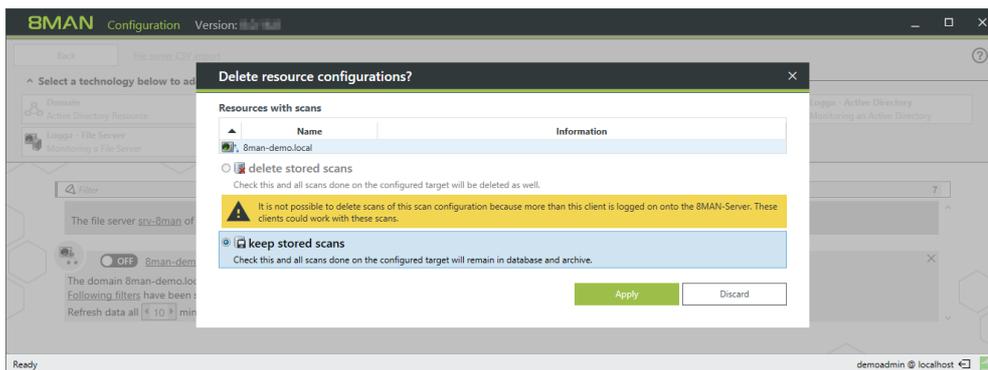


You must enter a comment to apply any changes made to filter settings.

3.1.6 Delete an AD Logga configuration



On the configuration home page select "Scans".
Select the desired AD Logga configuration. Click on the red "X".

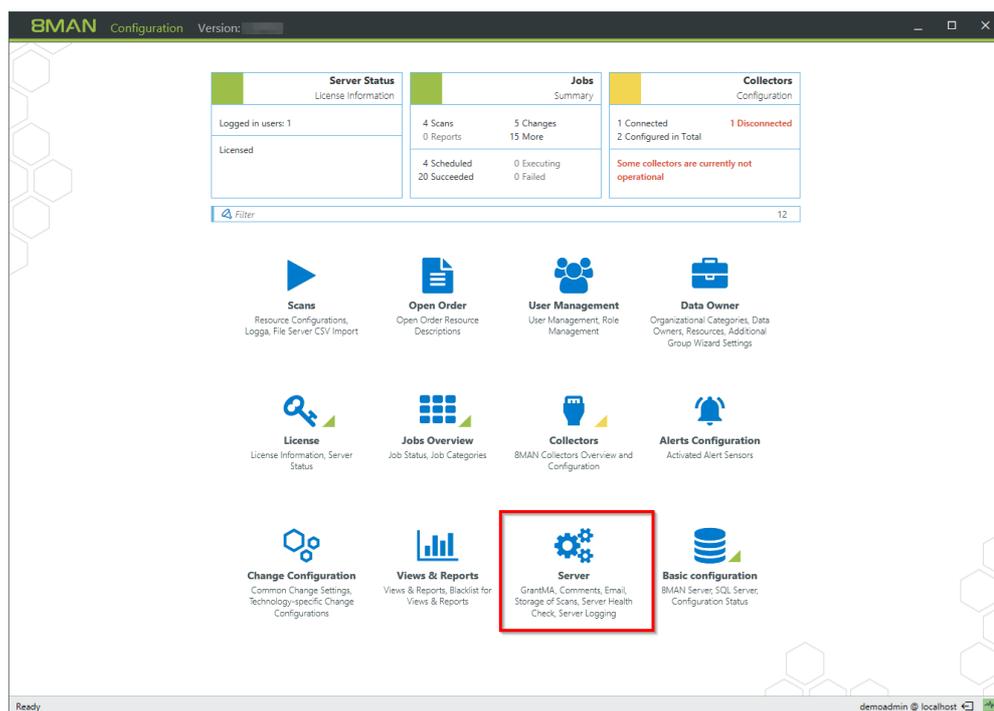


You can decide if you would like to keep or delete the available Logga data.

Deleting is only possible if all user interfaces are closed.

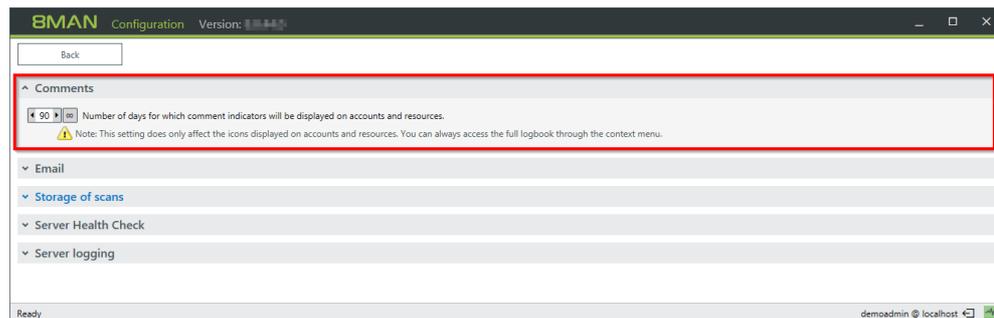
You can identify logged in users in the server status menu.

4 Server



Click "Server" to manage settings related to comments, email, data storage, health-check and event logs.

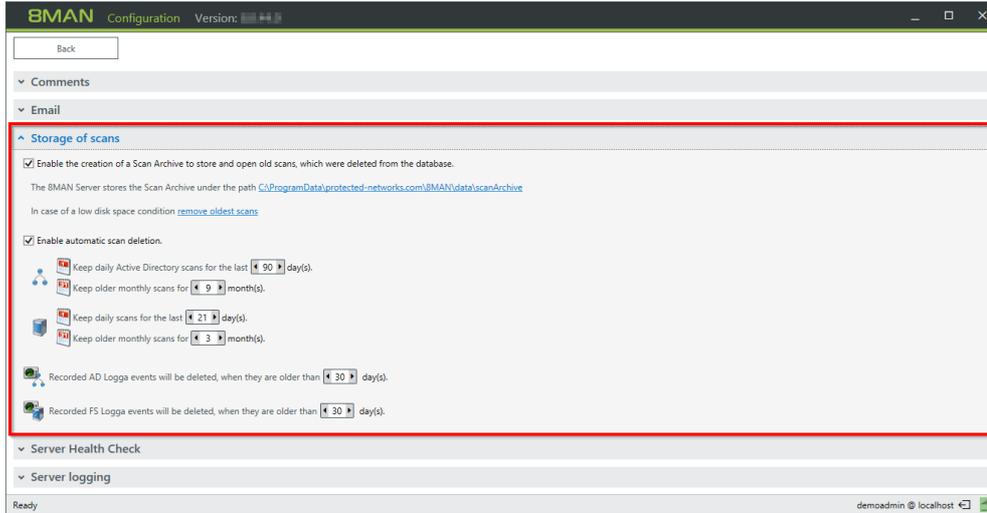
4.1 Set the display duration for comment icons



8MAN shows a note icon for stored comments or AD Logga information.

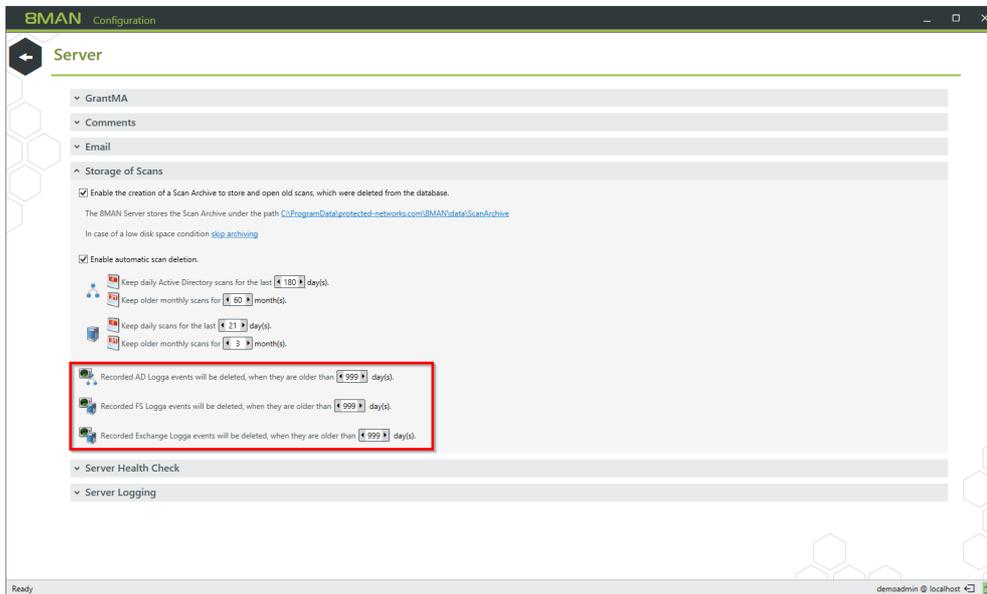
The longer you use 8MAN, the more notes will be created. You can reduce the length of time that notes are displayed, if you see too many notes.

4.2 Configure storage time for AD Logga data



The "Storage of Scans" configuration allows you to determine how long scan and Logga data are stored. This affects the size of your data base and required disk storage.

Please refer to the chapter SQL Express.



Determine how long 8MAN Logga data is stored.

Every event requires approximately:
 FS Logga: ca. 50 Bytes
 AD Logga: ca. 600 Bytes.

5 Evaluate AD Logga data

5.1 Monitor changes to specific event types

Background / Value

The 8MATE AD Logga allows you to monitor current processes in your Active Directory. 8MAN even captures all changes made with native tools including temporary changes. From a security perspective any actions related to event types and event authors are extremely important.

Monitoring of event types

Changes to:

- Attributes
- Users
- Computers
- Groups
- Passwords
- Accounts
- Members

Monitoring of event authors

- Users
- Groups
- Computers

Additionally you are able to filter according to object class and attribute. Please note that these settings are geared towards expert users. If you apply a filter for a rare object this may cause the report to deliver unexpected results.

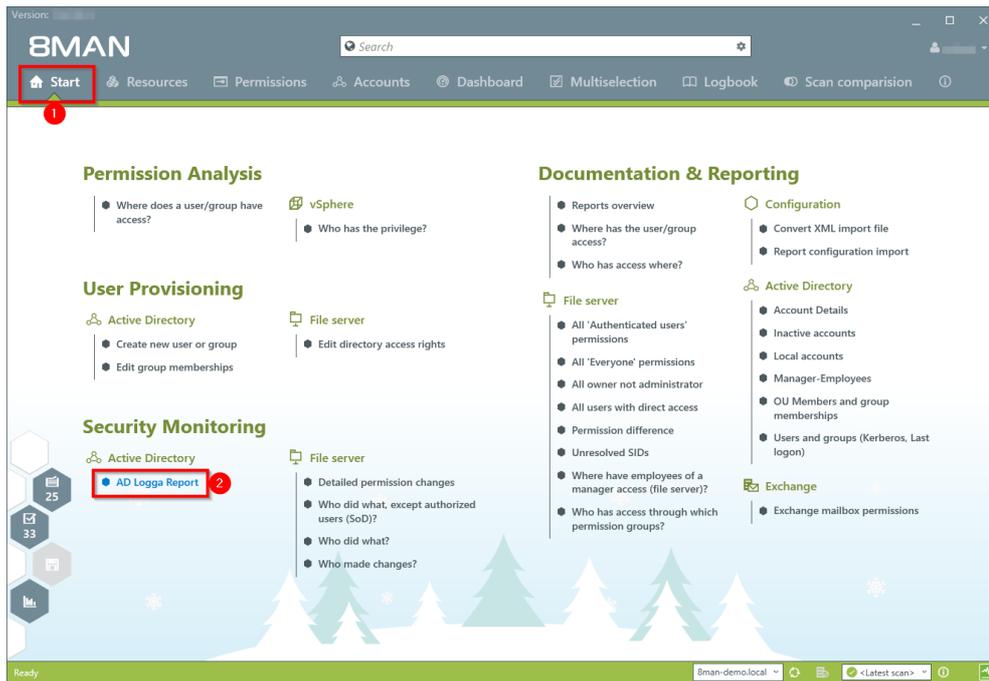
Additional services

[Analyze AD Logga events with the logbook](#)

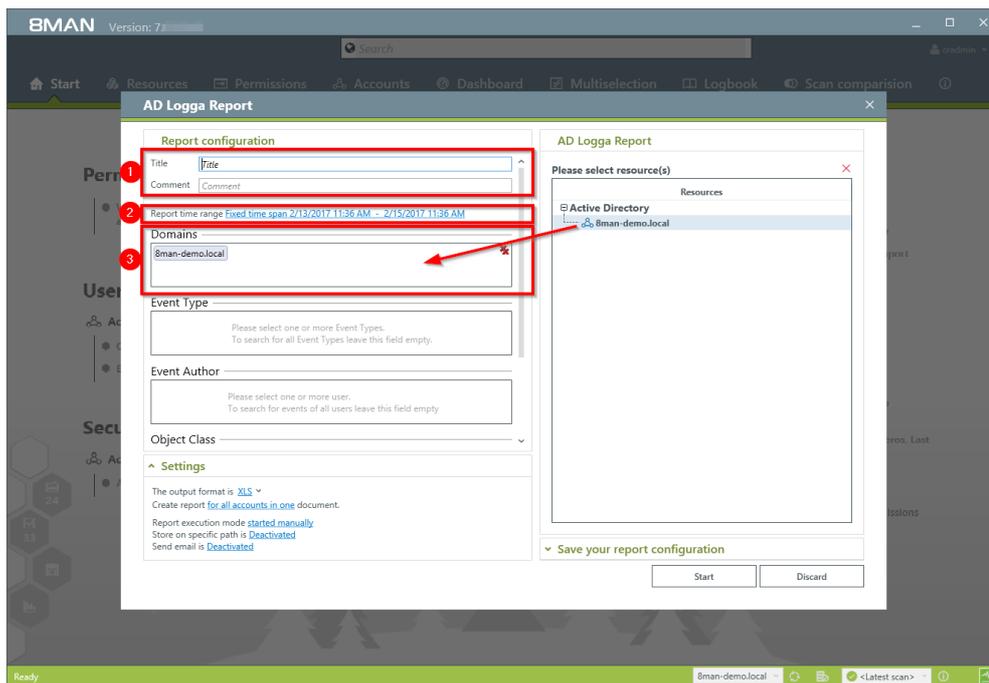
[Set alerts for groups](#)

[Set alerts for user accounts](#)

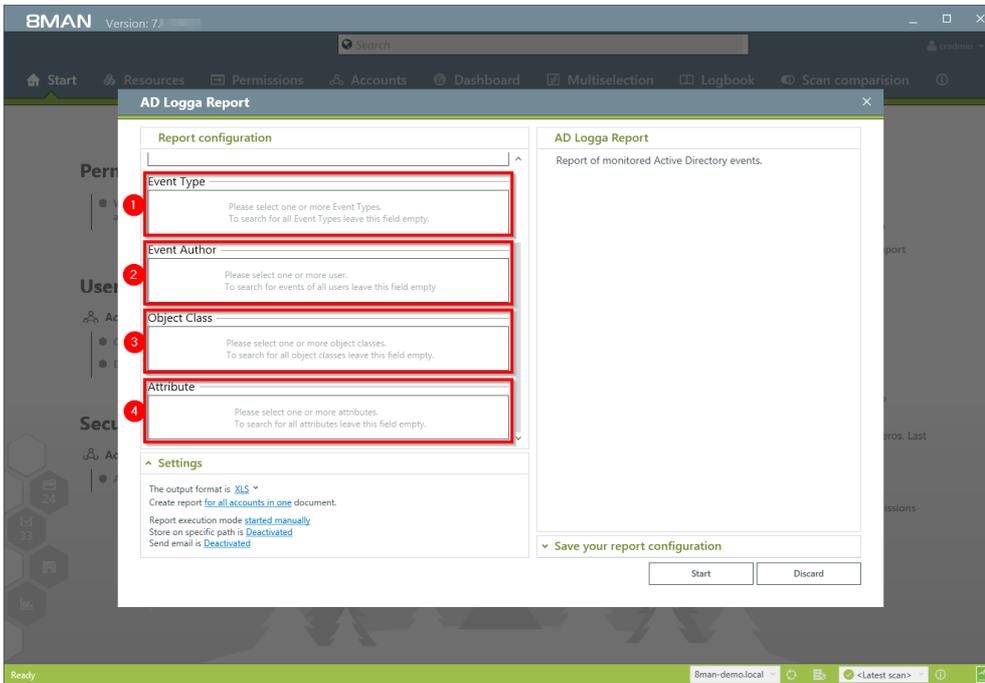
Step by step process



1. Select "Start".
2. Click on "AD Logga Report".

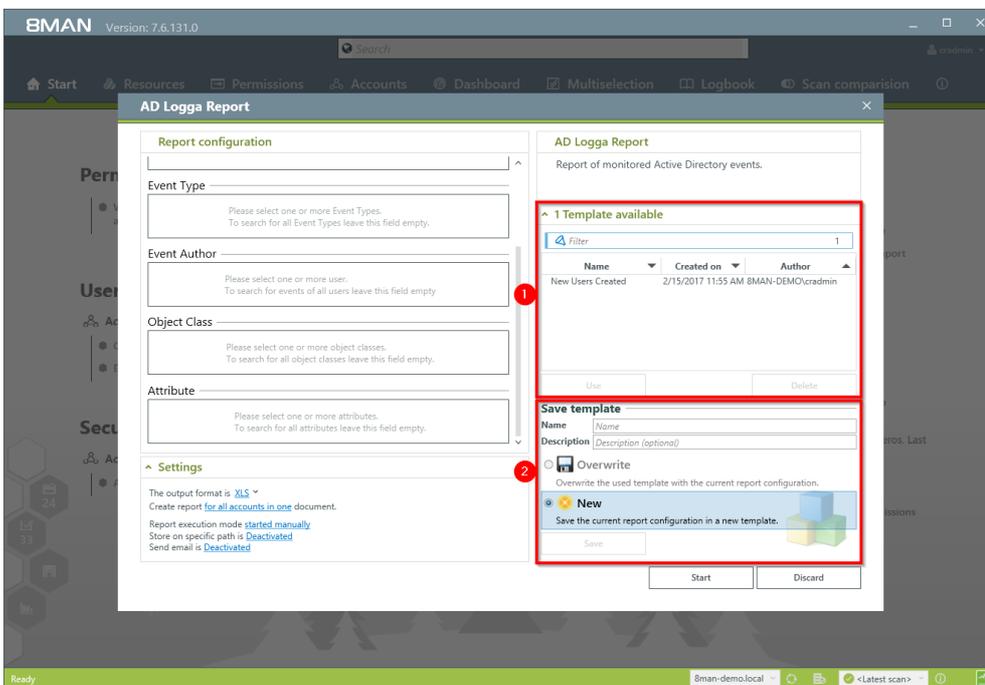


1. Enter a title for the report and add a comment.
2. Define the date range of the report.
3. Select domains whose events should be captured in the report.



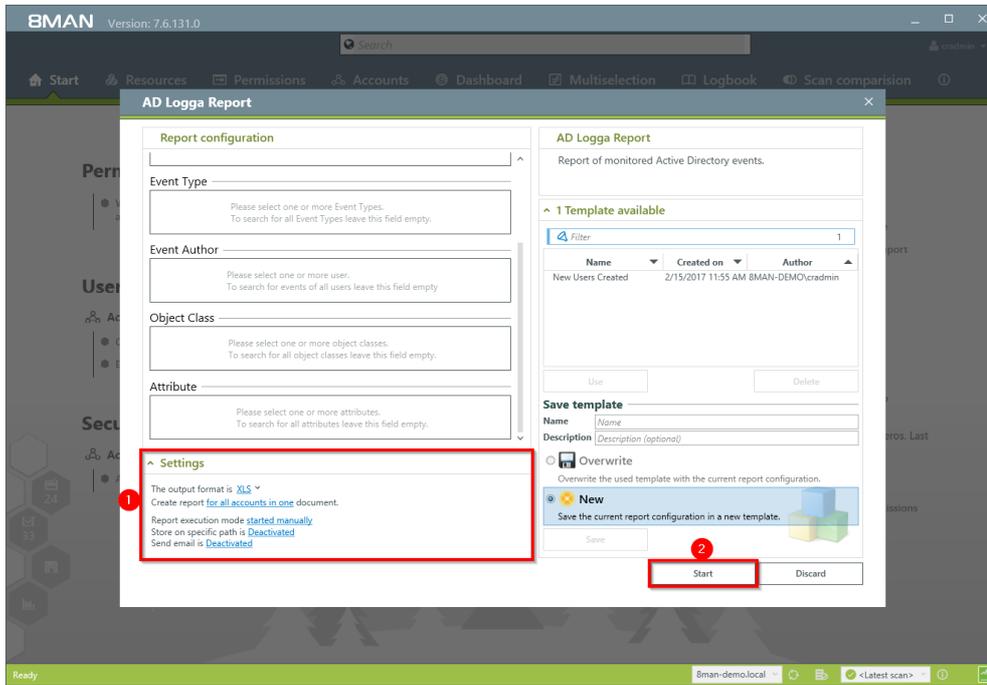
Define the range of the report by setting filters. By definition filters exclude the selected data.

1. Add the type of events that you would like to include in the report.
2. Add the authors of events that you would like to include in the report.
3. Add all object classes that you would like to include in the report.
4. Add all attributes that you would like to include in the report.



By saving AD Logga report configurations as templates you can save valuable time by reusing complex report configurations.

1. Select an existing template.
2. Save the current configuration as a template.



1. Define the desired report settings.
2. Start the report.

5.2 Identify temporary group memberships

Background / Value

8MATE Logga closes a number of important security gaps. One of the most important one is temporary group memberships. Insider threats grant themselves access to secret directories, copy data and then revert back to the original state after performing their desired actions. Without the AD Logga these types of activities remain undetected.

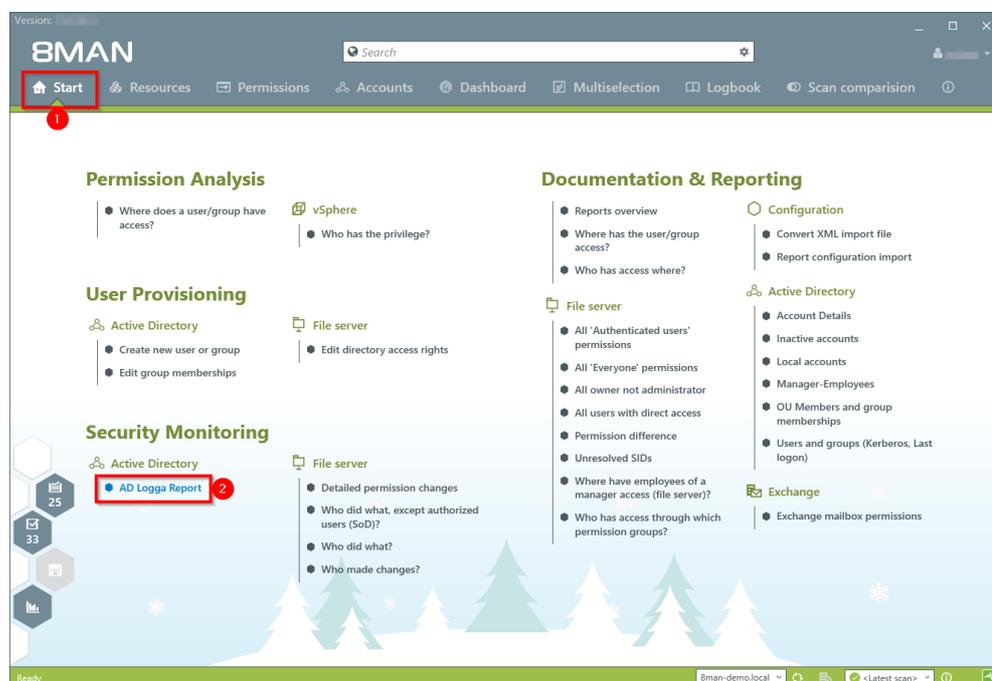
Additional Services

[Analyze AD Logga events with the logbook](#)

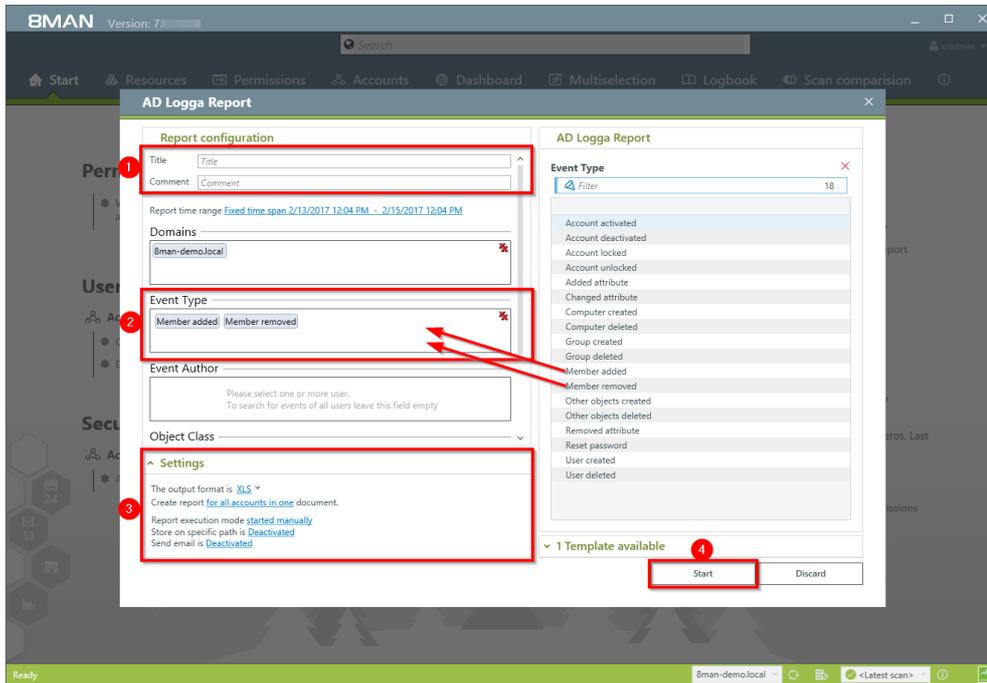
[Set alerts for groups](#)

[Set alerts for user accounts](#)

Step by step process



1. Select "Start".
2. Click on "AD Logga Report".



1. Enter a title for the report and add a comment.
2. Define the range of the report. For the event type select "member added" and "member removed".
3. Define the desired report settings.
4. Start the report.

5.3 Identify locked user accounts

Background / Value

In the best case scenario, an attempted login with someone else's account ends with a locked user account. The AD Logga shows you from which computer the attack occurred.

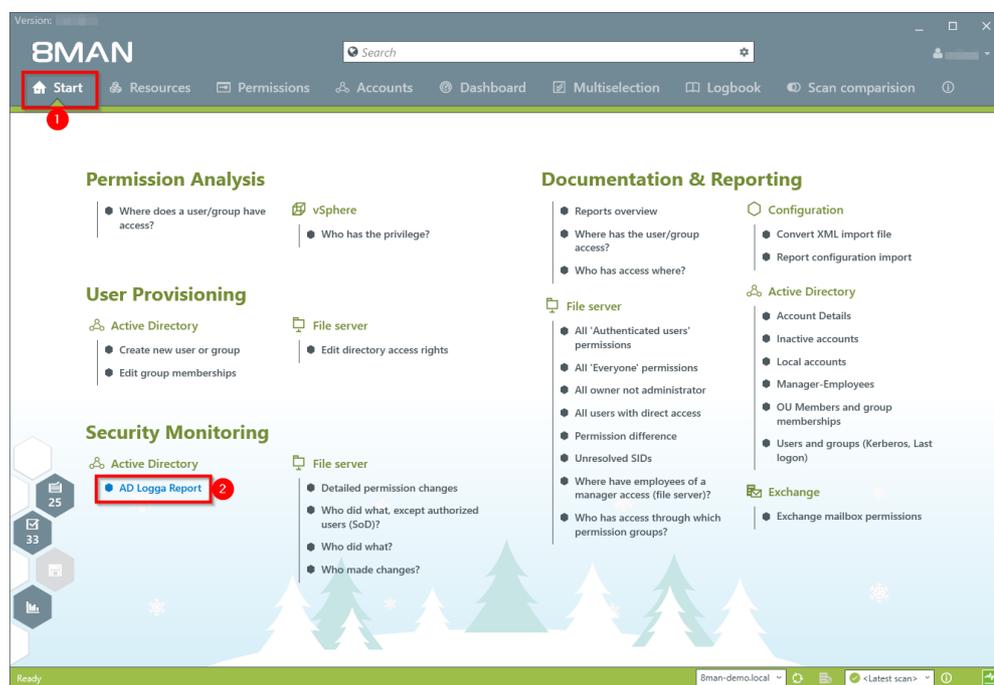
Additional services

[Analyze AD Logga events with the logbook](#)

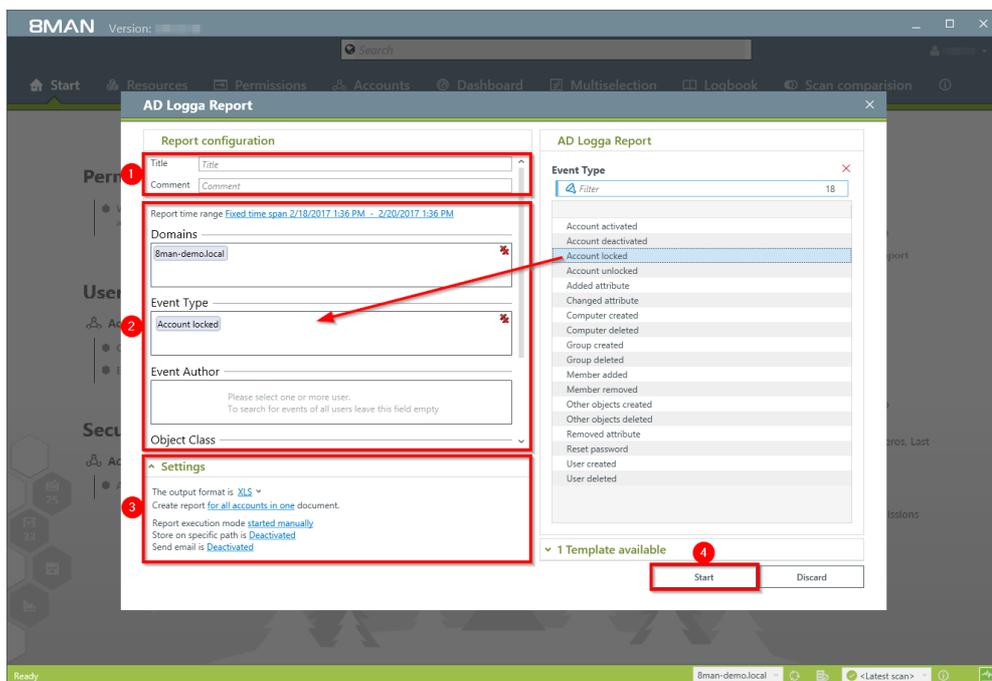
[Set alerts for groups](#)

[Set alerts for user accounts](#)

Step by step process



1. Select "Start".
2. Click on "AD Logga Report".



1. Enter a title for the report and add a comment.
1. Define the range of the report. For the event type select "Account locked"
2. Define the desired report settings.
3. Start the report.

5.4 Monitor password resets

Background / Value

With the 8MATE AD Logga you can monitor the process of resetting passwords. Within this process there is an inherent security risk. For example, if a helpdesk employee secretly resets the password of a manager or executive, they can sign on with a temporary password and gain access to sensitive information. The Manager would probably not notice this and only be confused about why his password is no longer valid, perhaps even thinking that he forgot his password, and then simply request a new one from support.

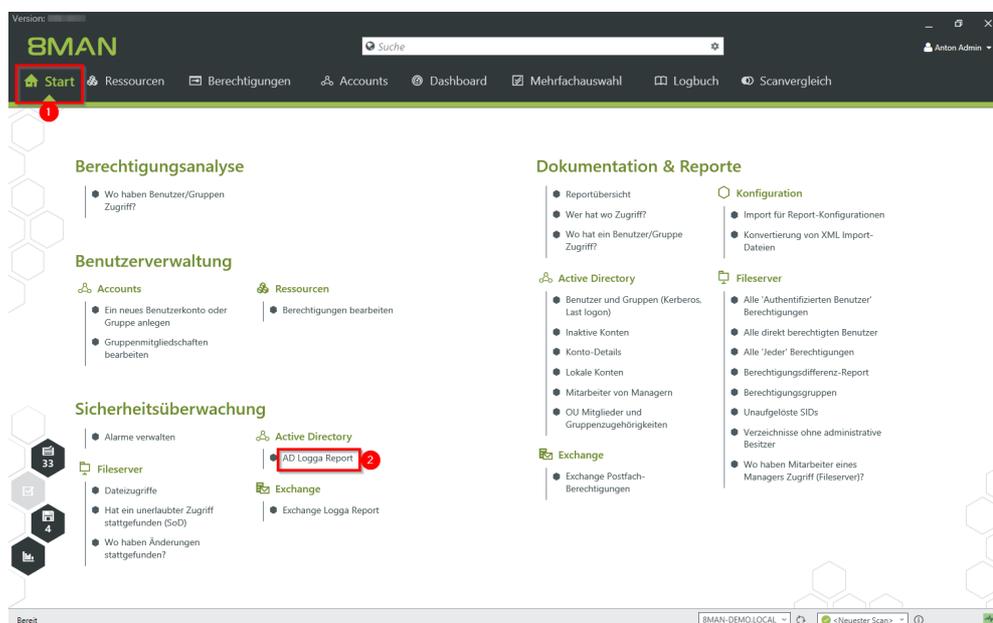
Additional Services

[Analyze AD Logga events with the logbook](#)

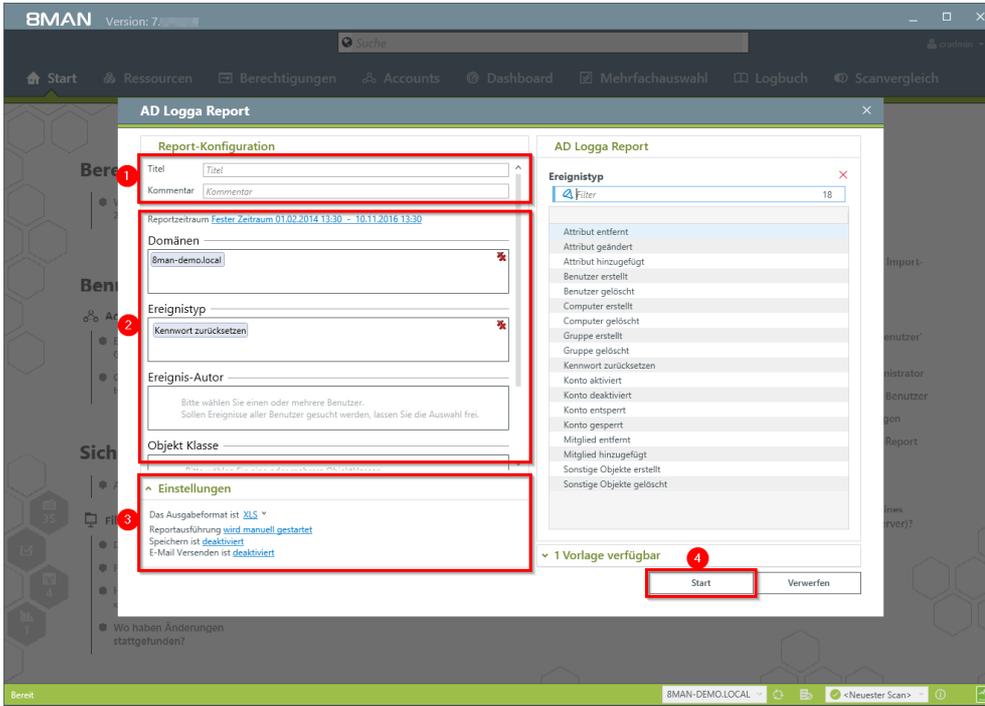
[Set alerts for groups](#)

[Set alerts for user accounts](#)

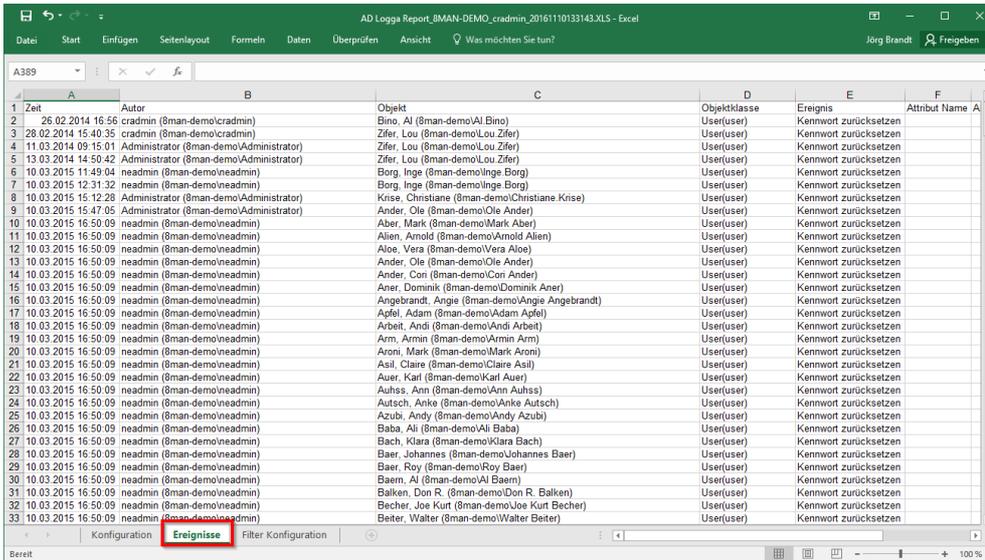
Step by step process



1. Select "Start".
2. Click on "AD Logga Report".



1. Enter a title for the report and add a comment.
2. Define the range of the report. For the event type select "reset password".
3. Define the desired report settings.
4. Start the report.



Open the report in Excel. On the tab "events" you can see a list of all passwords that have been reset.

5.5 Analyze AD Logga events with the logbook

Background / Value

By using the reports you can regularly analyze all the tracked events at a detailed level. You can find the information needed much faster by using the logbook.

Additional Services

[Identify temporary group memberships](#)

[Identify locked user accounts](#)

[Monitor password resets](#)

[Set alerts for groups](#)

[Set alerts for user accounts](#)

Step by step process

The screenshot shows the 8MAN Logbuch interface. The top navigation bar includes 'Start', 'Ressourcen', 'Berechtigungen', 'Accounts', 'Dashboard', 'Mehrfachauswahl', 'Logbuch', and 'Scanvergleich'. The 'Logbuch' tab is selected and highlighted with a red box and a red circle with the number 1. Below the navigation bar, there is a search bar and a filter dropdown. The main content area is divided into two parts: a calendar view on the left and a list view on the right. The calendar view shows a grid of dates from Monday, October 5, 2016, to Friday, October 7, 2016. The number of events for each day is indicated by colored squares. A red box with a red circle and the number 2 highlights the date range 'Von 6 Monate zuvor bis Heute'. A red box with a red circle and the number 3 highlights the calendar grid. A red box with a red circle and the number 4 highlights the date 'Fr 07.10.2016'. The list view on the right shows a table of events with columns for 'Zeit', 'Autor', and 'Kommentar'. The events are listed for the date 'Freitag, 7. Oktober 2016'. The first event is at 13:31, and the last is at 15:40. The list view also includes a filter dropdown and a 'Report' button.

1. Choose "Logbook".
2. Set the time frame for the logbook analysis.
3. Use the filters to focus on the desired events.
4. Select all events of one day.

The screenshot shows the 8MAN Logbuch interface. On the left is a calendar view for the month of October 2016, with colored cells representing events. A red circle '1' highlights a date in the calendar. On the right is a detailed view of a selected event. A red circle '2' points to a row in a table listing events with columns for 'Zeit', 'Autor', and 'Kommentar'. A red circle '3' points to the expanded details of a selected event, showing the event title and description.

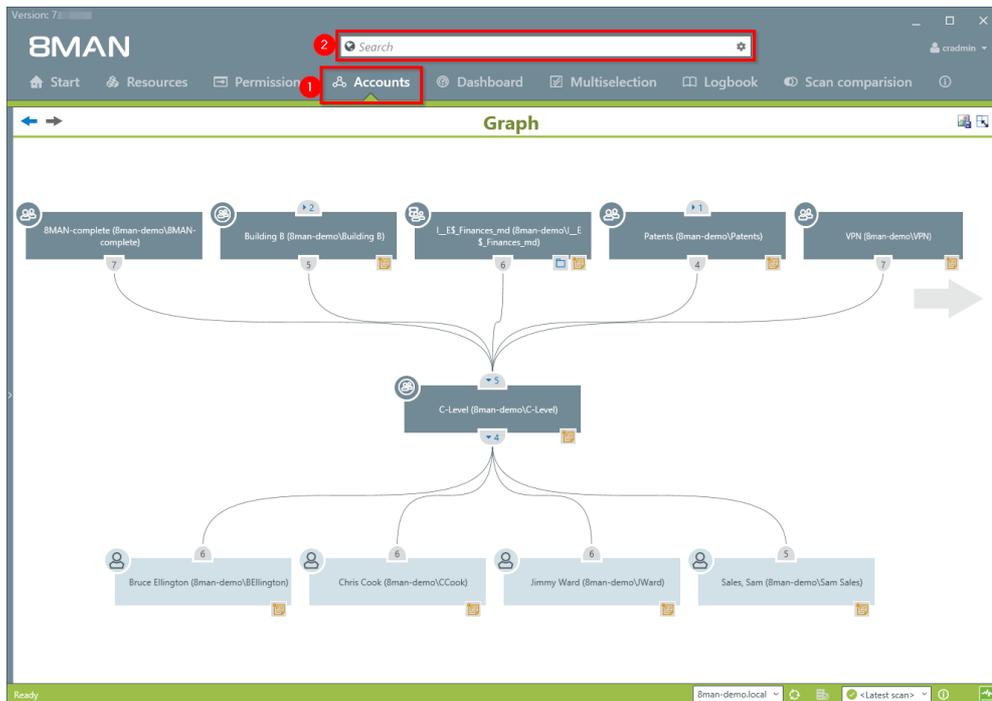
1. Select a cell (an event type) to filter the results to your request.
2. 8MAN displays all results. The footsteps indicate the AD Logga results. Select a result.
3. 8MAN displays all details to the result.

5.6 Identify the most recent actions on an account

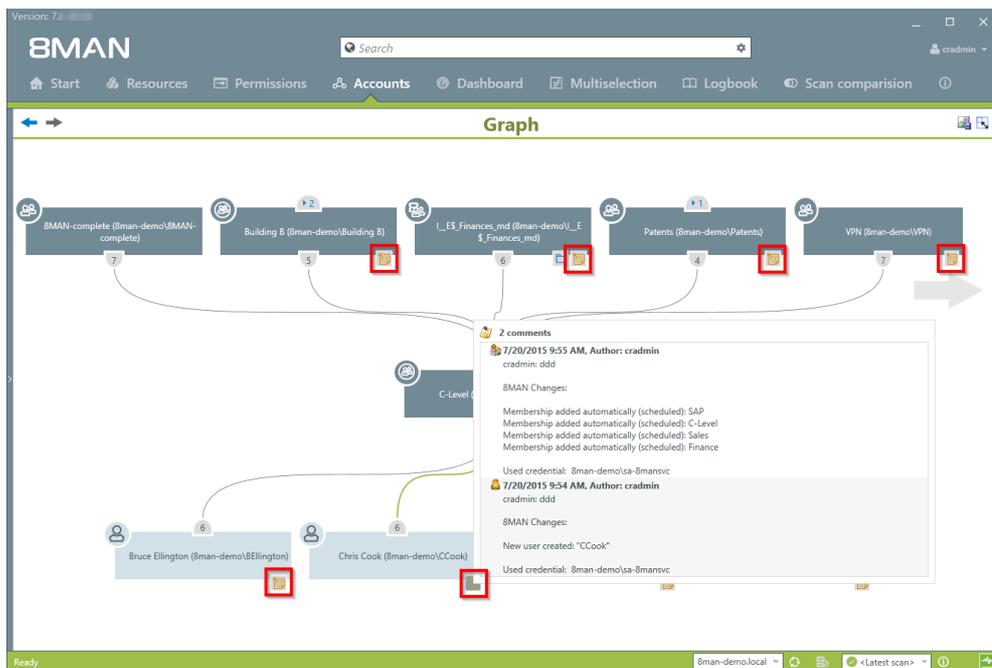
Background / Value

User accounts and AD groups have their own history. This is why it makes sense to review the previously performed actions and changes. 8MAN shows you a quick view of most recent activities or you can jump directly into the log book to receive a full report.

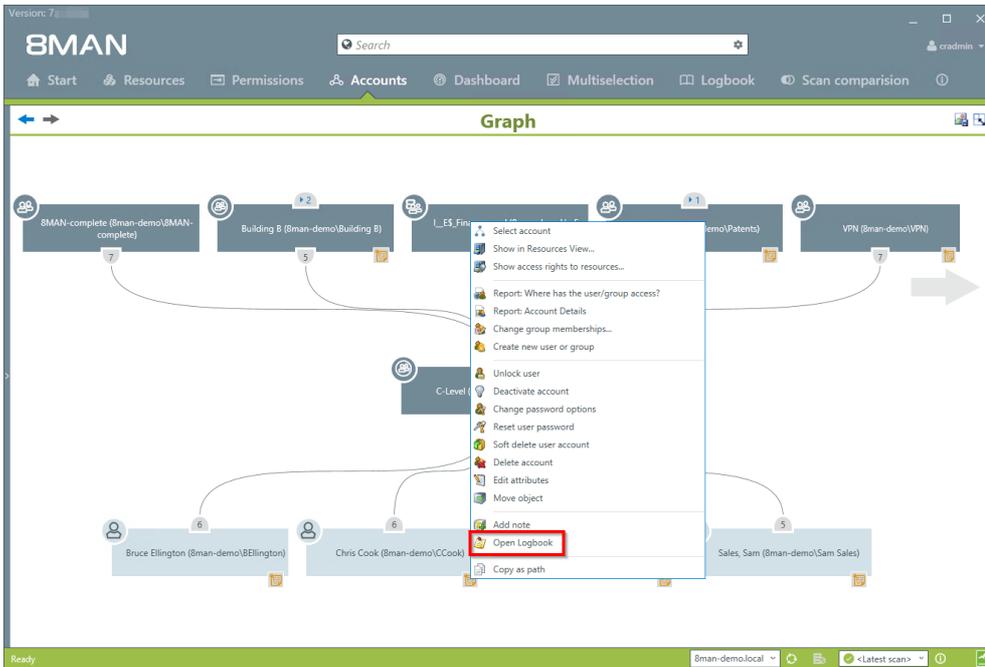
Step by step process



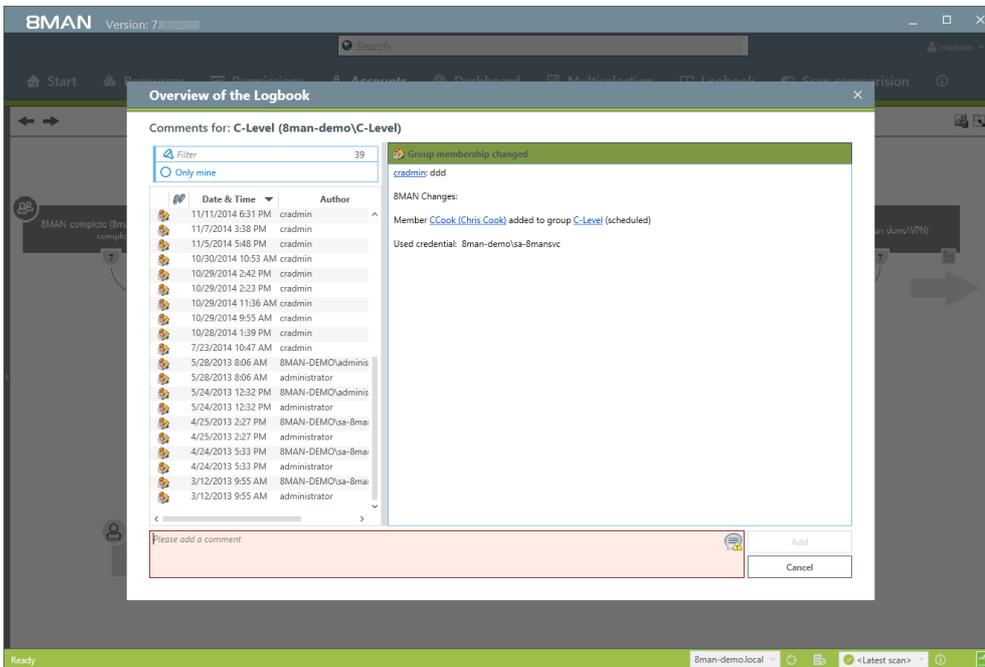
1. Select "Accounts".
2. Search for the desired user or group.



The note icon indicates that activities were recorded in the 8MAN log book. You can hover over the icon to see an overview of the latest activities related to the account.



Right-click on the desired object and select "Open Logbook" to view all recorded information.



Review past activities related to a user account.
 You can enter a comment into the log book.
 The footprint icon indicates that these actions were recorded by AD Logga.

6 Configure alerts

The screenshot shows the 8MAN Configuration interface. At the top, there are three summary cards: Server Status, Jobs, and Collectors. Below these are several menu items, with 'Alerts Configuration' highlighted in a red box. The interface also includes a search filter and a status bar at the bottom.

Server Status	Jobs	Collectors
License Information	Summary	Configuration
Logged in users: 2	48 Scans 1 Reports	22 Changes 32 More
Licensed	4 Scheduled 59 Succeeded	0 Executing 40 Failed
		1 Connected 1 Configured in Total
		All Collectors are Operational

Alerts Configuration: Activated Alert Sensors

In the "Alerts" category, activate and deactivate the alert sensors.

With active alert sensors, you can create alerts for [groups](#) or [user accounts](#).

[Manage alerts](#) in the 8MAN user interface.

You need a [license](#) for the 8MATE AD Logga or FS Logga.

6.1 Enable/disable alert sensors

Alert Sensors

Please select the sensor/s for which you want to receive alerts

Activated	Type	Sensor for	Credentials	Collectors
<input checked="" type="checkbox"/>	SRV-8MAN	8man-demo.local (8man-demo.local)	8man-demo/administrab	SRV-8MAN
<input checked="" type="checkbox"/>	SRV-8MAN	SRV-8MAN	8man-demo/administrab	SRV-8MAN

Please add a comment

Apply

1. Enable/disable alert sensors.
2. You must enter a comment.
3. Apply the settings.

Only with active alarm sensors are the alarm configurations effective.

6.2 Set alerts for groups

Background / Value

Employees receive their access rights through group memberships. Especially sensitive groups grant access to secret folders and other important resources. 8MATE AD Logga allows you to actively monitor specific AD groups so that an alert is received if new members are added.

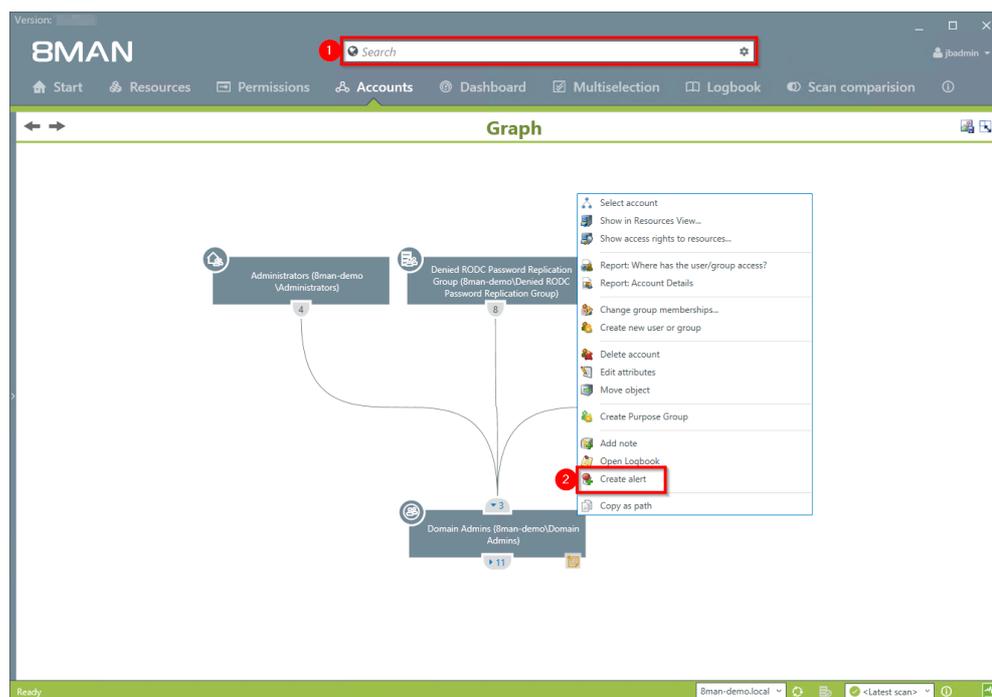
Due to the nested group structures in Active Directory it is important to monitor group memberships, that occur from new indirect memberships. For example: The group "secret data" is a member in the "C-Level" group which is being monitored. 8MATE AD Logga alerts will notify you even if members are only added to the "secret data" group since these users are also indirect members of the "C-Level" group.

Additional services

[Set alerts for user accounts](#)

[Manage alerts](#)

Step by step process



1. Find the desired group by entering its name into the search field.
2. Right click on the group and select "Create alert" from the context menu.

BMAN Version: 2.0.0.0

Search

Start Resources Permissions Accounts Dashboard Multiselection Logbook Scan comparison

Create alert

Create an alert for 'Domain Admins (8man-demo\Domain Admins)' that will execute the selected actions when occurred.

1 **Name** The name is used in the actions to identify the event (e.g. mail subject)
Group memberships changed for Domain Admins (8man-demo\Domain Admins) max. 70 characters

Event Group memberships changed

2 Observe indirect group memberships

Action Send email

3 **To** jbadmin@8man-demo.local
Enter multiple email addresses by separating them with a semicolon.

Language English

Time zone (UTC) Dublin, Edinburgh, Lisbon, London

Action Write to Windows event log

4 New policy to monitor domain admins group.

5 **Create** **Cancel**

Ready 8man-demo.local <Latest scan>

1. Name the alert and add a comment.
2. Activate the checkbox to include indirect group memberships in the alert functionality.
3. You can select any number of email recipients. Additionally alerts can be displayed in the windows event display.
4. You must enter a comment.
5. Create the alert.

6.3 Set alerts for user accounts

Background / Value

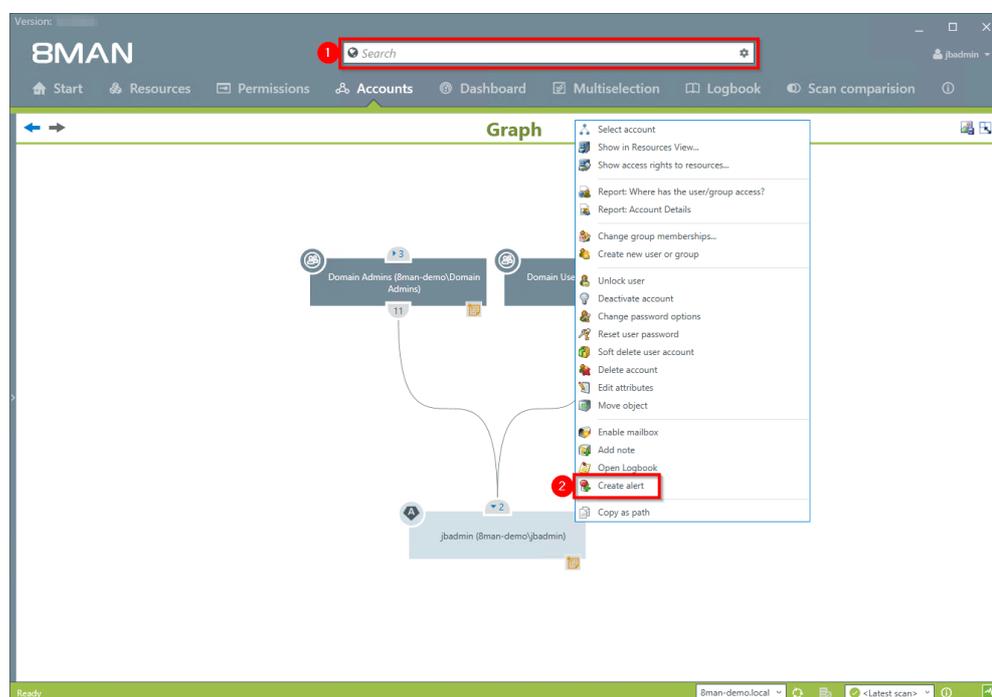
The 8MATE AD Logga allows you to monitor the process of resetting passwords. Within this process there is an inherent security risk. For example, if a helpdesk employee secretly resets the password of a manager or executive, they can sign on with a temporary password and gain access to sensitive information. In this scenario the designated users are informed.

Additional services

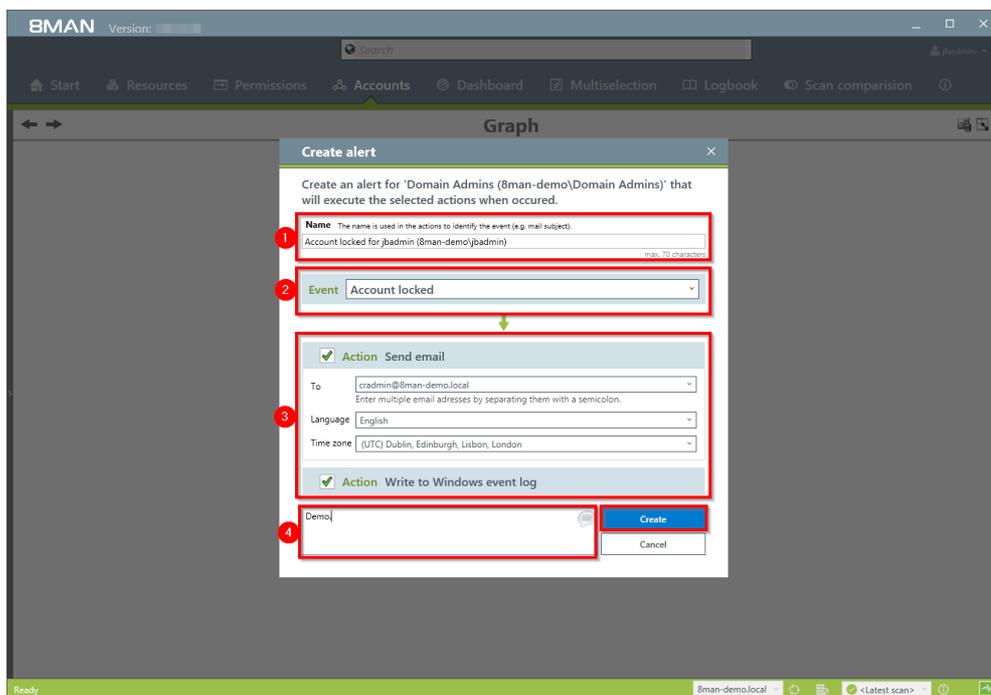
[Set alerts for groups](#)

[Manage alerts](#)

Step by step process



1. Find the desired user by entering their name into the search field.
2. Right-click on the user and select "Create alert" from the context menu.



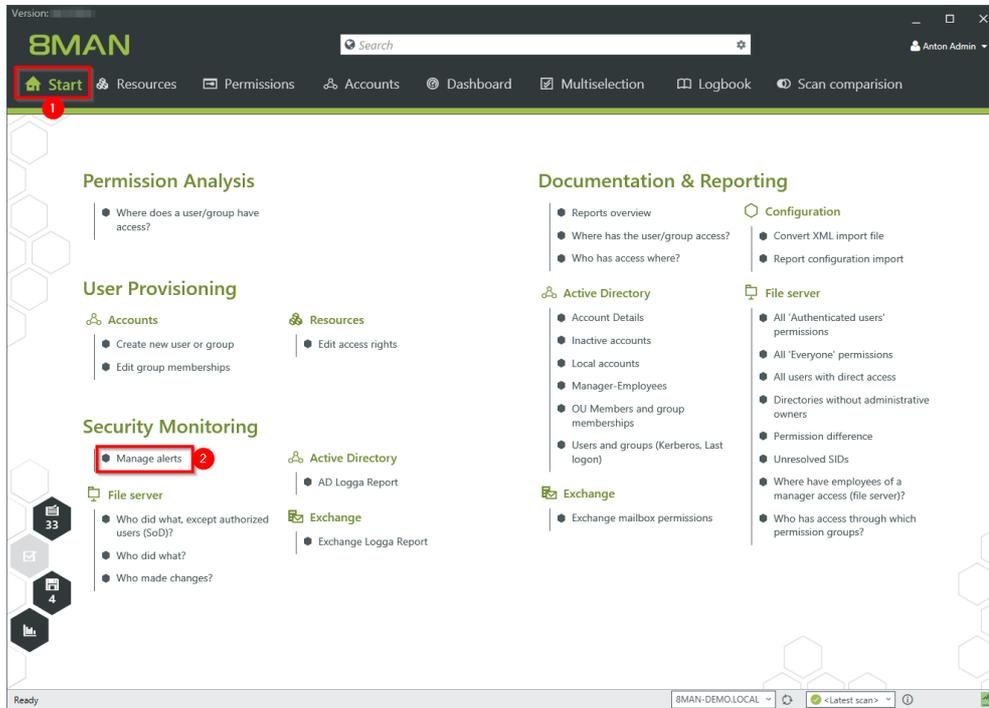
1. Enter a title for the alert.
1. Select an event for which you want to receive the alert.
2. You can select any number of email recipients. Additionally alerts can be displayed in the windows event log.
3. You must enter a comment.
4. Create the alert.

6.4 Manage alerts

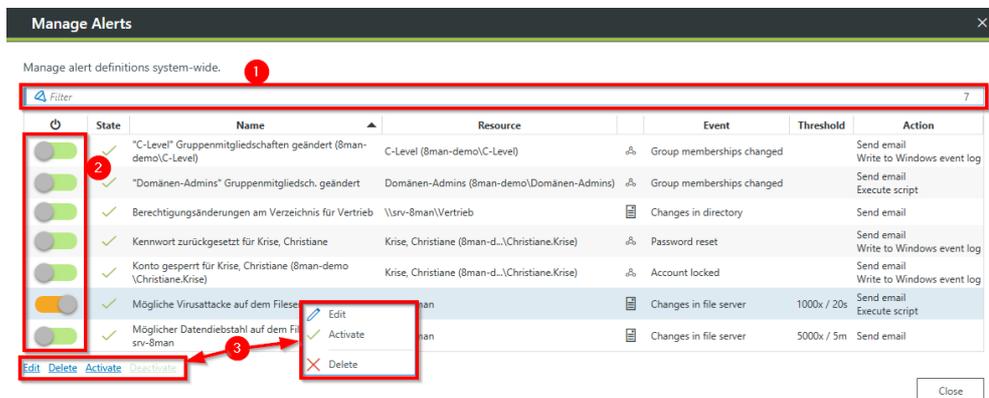
Background / Value

You can modify saved alerts at any time on the 8MAN home page.

Step by step process



1. Select "Start".
2. Click "Manage alerts".



8MAN shows you all alert configurations.

1. Search for an alert configuration.
2. Turn alerts on or off.
3. With right-click or the links, edit, delete or enable/disable the selected alert configuration.

7 Contact 8MAN Support

You can reach our support under the following number:

Germany (German and English)

+49 30 390 6345-99

United Kingdom (English)

+44 12 76 91 99 89

Monday through Friday from 9 am until 5 pm (CET).

E-Mail

support@8man.com

Website

<https://susi.8man.com>

You start on the website with a self-registration. After completion, you can see the publicly accessible content. After registration, you will be assigned to an authorization level by our support team. Only then you can see non-public content and use the ticket system.

This process may take some time.

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- Microsoft Windows Driver Development Kit, © Microsoft, EULA, installed on the computer on which the FS Logga for Windows file servers is installed: C:\Program Files\protected-networks.com\8MAN\driver (Usage only for FS Logga for Windows file server)
- NetApp Manageability SDK, © 2013 NetApp, <https://communities.netapp.com/docs/DOC-1152> (Usage only for FS Logga for NetApp Fileserver)
- WPF Shell Integration Library 3.0.50506.1, © 2008 Microsoft Corporation ,
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