

WoWizer Data Access Auditor

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Prerequisite

Below details is a checklist that will help in setting up the product quickly:

1. **Platform:** Microsoft Windows Server 2012 R2 or higher
2. **Processors (CPUs):** Multi-core x64 compatible processor
3. **Memory:** 4GB
4. **Disk space:** 5.0 GB in total, required to install
5. **.NET Framework:** 4.8
6. **PowerShell:** 4.8 or Higher
7. **Repository database:** PostgreSQL 11 or higher
8. IP with **Domain & SSL**
9. Open below port for Incoming & Outgoing services
 - a. Frontend Service Port is **3012**
 - b. Backend Service Port is **9001**
10. Download the latest version of [NodeJS](#).
11. If not installed download the latest version of [Postgres SQL](#)
No need to install if Qlik Sense Repository Database exists.
12. License & Certificate for the Windows Machine where Data Access Auditor is going to be installed, which will be provided by WoWizer Team.
13. Qlik Sense Host Name or IP Address.
14. Qlik Sense Certificates.
15. Virtual Proxy Created in Qlik sense environment for Data Access Auditor.
16. Qlik Sense Admin Access for Audit user, which can be a system user.
 - a. User ID & User Directory
 - b. User ID should have access to all applications & streams with Section Access
17. Email Configuration
 - a. Host: smtp.etc.com
 - b. Port: 587
 - c. Email ID
 - d. Password

Where does Auditor come into play

Data Access Auditor is a tool has these below features:

18. Stream & Application Access via **QMC** [Security rules in Qlik Sense](#)
19. Data restriction using [Section Access](#) in Application
20. Single User Audit is helpful for auditing the security provided for the specific Application for a Specific sheets with Section Access (Data Reduction) applied.
21. Bulk User Audit is helpful for auditing the Section Access (Data Reduction) provided for the set of users having access of a specific application, where consolidated report is generated with result.

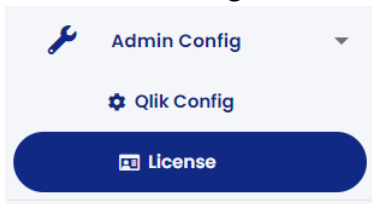
Use Case:

1. Let's audit a Sales/HR Dashboard which has access to specific set of VIPs.
 - a. Qlik Champion has updated the dashboard with **REGION** level restriction for the VIPs.
 - b. Dashboard is published in production.
 - c. But there is a **complaint** by one of the VIP having **NO ACCESS** which has escalated.
 - d. Using **Bulk Section Access Audit**, we can check before hand in UAT if all the VIP is getting proper access as per the Section Access (Data Reduction) assigned.
2. Let's audit a Finance Dashboard.
 - a. Let's audit a VIP where it has access to only **ZONE 1**
 - b. Using **Single Section Access Audit**, DAA came to know that VIP had **ZONE 1 & ZONE 2**, This is a compliance which must be fixed on priority.
 - c. **Qlik Champion** is looped in the situation & **it has been resolved at earliest**.

Add/Reapply Licence

Please follow below steps to Apply New or Reapply the licence provided.

1. Go to **Admin Config -> License**.



2. To reapply a new licence, Delete the old licence by clicking the **Delete button**.
Data Auditor License Key *

```
cnjdP3L+ZBuMDz1OAEXBrR5BDFqJtgBP2LsUz4St90GkMpqX
Nt+2uroKAuQ+eGzmKUkxX2nTluaXkcSQ+8mPKR4Ez9JiLxY
9BGWHZdaJ9qgZIMypz/K92eCs/QBkrkbIFDTsCNr1sPsjflyV
8rLS/k8EoS/gxcFiSIY2ajzESzCv+2luqi+X3/VSXaNYaC22yxR
kgeolF6PtB29QfrT6ww==
```

Valid Till : 2022-12-31

Email ID : audituser@organization.com



3. Add Your New **License Key** and provided **certificate**, License will be **reapplied**.

Note: Apply for free license from this [link](#)

Add/Remove User

Please follow below steps to Add or Remove the users.

1. Go to **User Management**.
2. In this section, you will get an overview of all the users having access to login into the WoWizer Data Access Auditor product.

Max User Limit: 5

In Use: 0

Available: 5

Search Users

Sr No.	Email	Username	User Type	Actions
1	audituser@organization.com	admin	admin	

Rows per page: 10

1-1 of 1

< > >|

3. To add New User, click on the add user button



4. A Dialog Box will appear, please fill the details and click on save.

Add User

×

Email

Username

Email

Username

Cancel

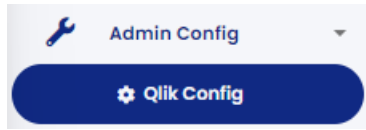
Save

5. Email with reset password link will be provided to the newly added user.
6. To delete the used please click on delete button on the user, This user will no longer have access to this product.

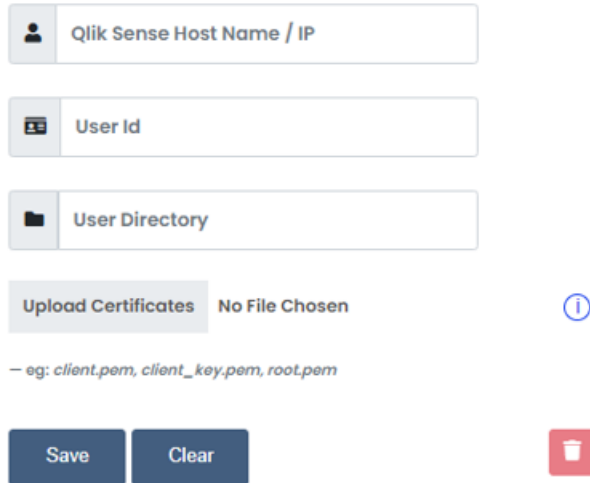
Add/Remove Qlik Configuration

Please follow below steps to Add or Remove the Qlik Config.

1. Go to **Admin Config** -> **Qlik Config**.



2. Add the IP Address/URL of Qlik Sense Enterprise.
3. Upload the Qlik Sense Enterprise exported certificate.
4. Save the form, Now You can audit the users.



The screenshot shows the Qlik Config form with the following fields and buttons:

- Qlik Sense Host Name / IP**: A text input field.
- User Id**: A text input field.
- User Directory**: A text input field.
- Upload Certificates**: A button with a file upload icon.
- No File Chosen**: A label indicating no file is selected.
- Information icon**: A blue circle with an 'i' inside.
- Example text**: *— eg: client.pem, client_key.pem, root.pem*
- Save**: A blue button.
- Clear**: A blue button.
- Delete icon**: A red square button with a white trash can icon.

Change password

Please follow below steps to change password.

- 1. Go to **Change Password**.
- 2. Add your new password & save the changes.

Change Password



Password





Confirm Password

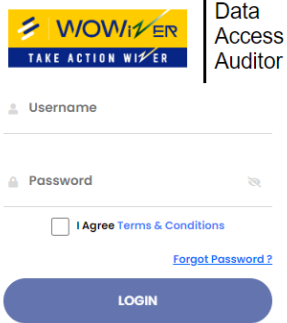


Change Password

Reset/Forgot password

Please follow below steps to reset password.

1. Go to **Forgot Password**.



The screenshot shows the WOWiZER login interface. At the top left is the WOWiZER logo with the tagline 'TAKE ACTION WISE'. To the right of the logo, the text 'Data Access Auditor' is displayed. Below the logo, there are two input fields: 'Username' and 'Password'. The 'Password' field has a toggle icon for visibility. Below the 'Password' field, there is a checkbox labeled 'I Agree Terms & Conditions' and a link 'Forgot Password?'. At the bottom, there is a blue 'LOGIN' button.

2. Add you Email Address, Yu will receive a mail to reset your password.

Audit a User

Please follow below steps to Audit a Qlik Sense Enterprise User.

1. Select or Search for a user.

▼

Audit

emma

2. Click on **Audit** Button to continue.
3. You will have a quick overview about Qlik User about the application access in Qlik Access & the errors if exists.

Analyzer

Stream: 3

Apps: 4

Error: 1

4. Dashboard Details will be available with access rules implemented in QMC as well as Section Access .

emma
 ▼

Change User

Analyzer

Stream: 3

Apps: 4

Error: 1

Emma - Hub


Search..

	Stream Name	Application Name	Description	Reload Date	Publish Date	
>	Finance	Finance Toolkit		2021-11-16T21:27:43.99...	2023-04-04T05:53:34...	Link
>	Auditor	Outstanding Dashbo...		2023-04-11T06:54:10.7...	2023-04-06T07:05:13...	Link
>	Auditor	Sales		2023-03-29T04:42:06....	2023-03-29T04:42:14....	Section Access Denied.
>	UAT	Writeback Demo		2023-04-06T07:45:57....	2023-04-05T12:42:04....	Link

Bulk Audit

Please follow below steps to Bulk Audit.

1. Select a Stream
2. Select the Application that is to be audited.
3. Browse the Section Access file.
4. Click on Upload Button to validate the file.
5. If file is accepted, then click on **Next button** to get the report


Section Access Validator

1 Select App

Select Stream:

Outstanding

Select App:

Outstanding Dashboard

Upload Section Access File

Browser File

OutstandingSA_2Col.csv

☐ Advanced

Upload

Clear

Section Access File Uploaded Successfully.

App Audit

Please follow below steps to audit applications.

This option enables to get all the list of users having access to published applications.

App Audit

Hi, Admin

Search..

	Application Name	User Id	Stream Name	Publish Date
<div><div></div><div>Writeback Demo</div></div>	WIN-6JM34CM4A22\ajay	WoWizer Demo	2023-08-08T11:58:58.712Z	
<div>User Access</div> <div><div><div>• administrator</div><div>• ajay</div><div>• andrew</div><div>• mark</div><div>• svc</div></div><div>Show less</div></div>				
<div><div></div><div>FGI DPR_Alexa_Demo_14_6_2023</div></div>	WIN-6JM34CM4A22\ajay	Demo	2023-09-12T09:51:56.198Z	
<div><div></div><div>Operations Monitor</div></div>	INTERNAL\sa_repository	Monitoring apps	2023-06-07T05:21:09.880Z	

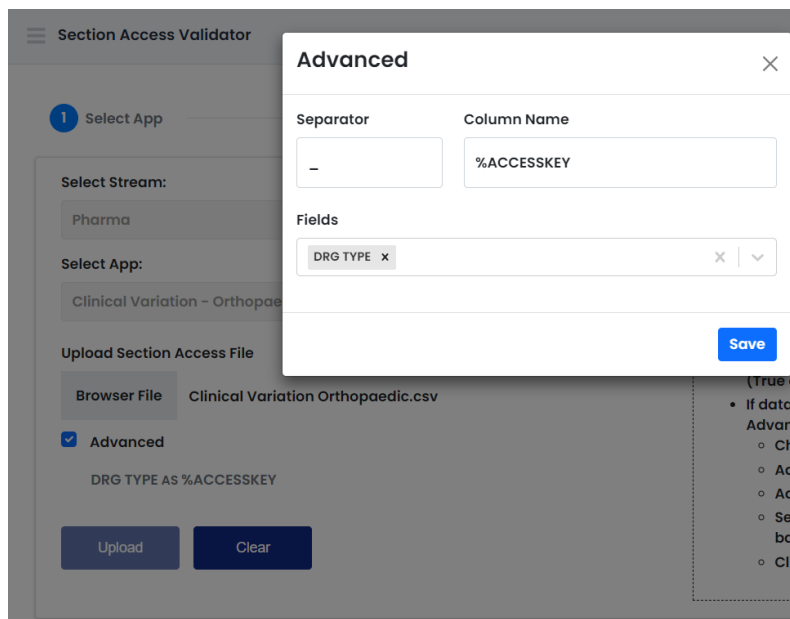
Rows per page: 10

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Bulk Audit using Advanced Option

Please follow below steps to bulk audit.

1. Select a Stream
2. Select the Application that is to be audited.
3. Browse the Section Access file.
4. Check the **Advanced** option,
 - a. Popup/Dialog form will appear.
 - b. Add the **Separator** in Qlik backend script.
 - c. Add the exact **COLUMN NAME** used in Qlik backend script.
 - d. Select the field/fields in the same sequence as in Qlik backend script.
 - e. Click on **Save** button.



5. Click on Upload Button to validate the file.
6. If file is accepted, then click on **Next** button to get the report

Select Stream:

Pharma

Select App:

Clinical Variation - Orthopaedic

Upload Section Access File

Browser File

Clinical Variation Orthopaedic.csv

☒ Advanced

DRG TYPE AS %ACCESSKEY

Upload

Clear

Section Access File Uploaded Successfully.



Troubleshooting WoWizer Data Access Auditor Services

Please follow below steps.

1. Verify Auditor User has Admin access in Qlik Sense QMC.
2. Re-apply License & Certificate for Auditor.
3. Product is still not functional restart all the services.
 - a. WoWizer Auditor Backend Engine
 - b. WoWizer Auditor Portal Service

open Services using Search

Press the **Windows + R** keys on your keyboard to open the Run window. Type **services.msc** and hit Enter on your keyboard or click/tap the OK button.

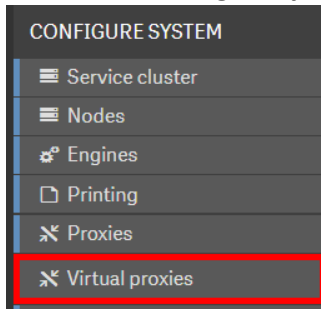
 Auditor Backend Engine	Backend of Auditor	Running	Automatic
 Auditor Portal Service	Frontend of Auditor	Running	Automatic

Create/Setup Virtual Proxy for WoWizer Data Access Auditor Services

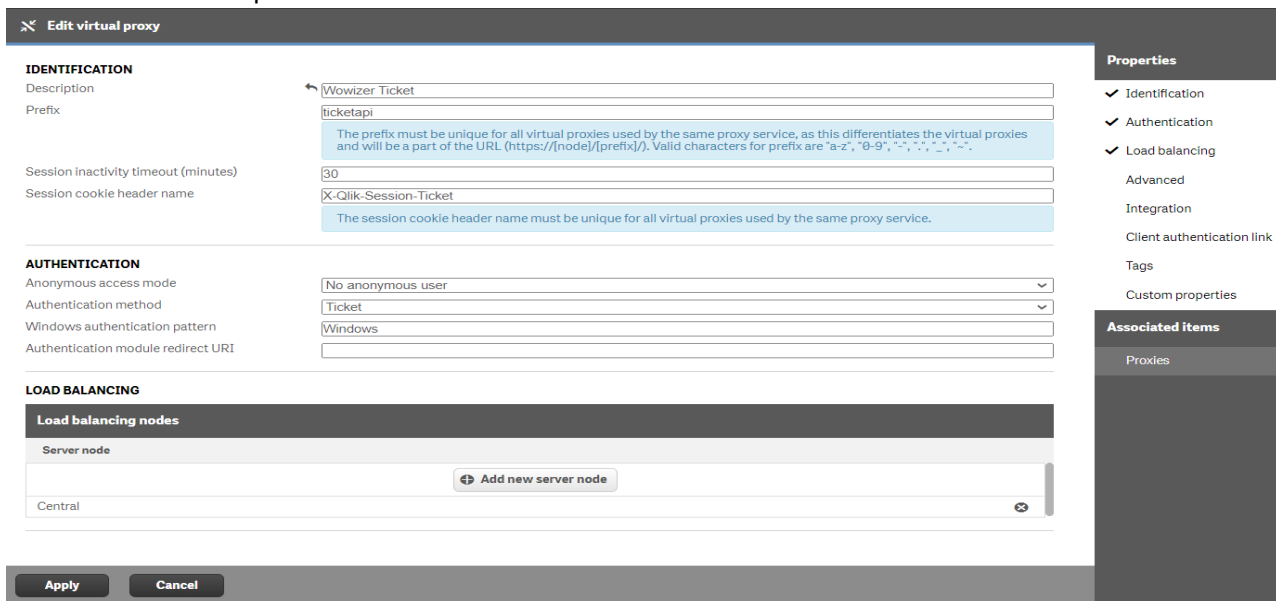
Please follow below steps to Create Virtual Proxy in Qlik Sense Enterprise.

Note: Please configure a virtual proxy using a reference of below image, please add central node from Proxies.

1. Go to QMC
2. Scroll down **Configure system** - > **Virtual proxies**



3. Create a new virtual proxies **Wowizer Ticket**



Edit virtual proxy

IDENTIFICATION

Description: Wowizer Ticket

Prefix: ticketapi

Session inactivity timeout (minutes): 30

Session cookie header name: X-Qlik-Session-Ticket

AUTHENTICATION

Anonymous access mode: No anonymous user

Authentication method: Ticket

Windows authentication pattern: Windows

Authentication module redirect URI:

LOAD BALANCING

Load balancing nodes

Server node: Central

Properties

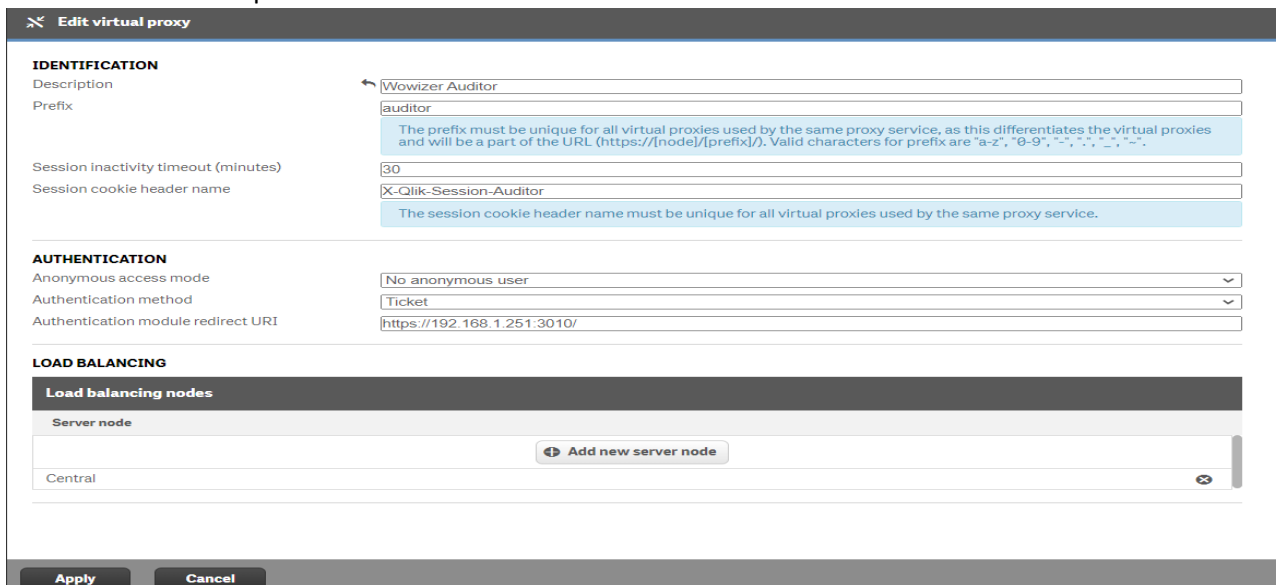
- ✓ Identification
- ✓ Authentication
- ✓ Load balancing

Associated items

Proxies

Buttons: Apply, Cancel

4. Create a new virtual proxies **Wowizer Auditor**



Edit virtual proxy

IDENTIFICATION

Description: Wowizer Auditor

Prefix: auditor

Session inactivity timeout (minutes): 30

Session cookie header name: X-Qlik-Session-Auditor

AUTHENTICATION

Anonymous access mode: No anonymous user

Authentication method: Ticket

Authentication module redirect URI: https://192.168.1.251:3010/

LOAD BALANCING

Load balancing nodes

Server node: Central

Buttons: Apply, Cancel

WoWizer Data Access Auditor Services

