

# WoWizer Data Access Auditor

## Contents

Prerequisite .....	2
Where do Auditor come into play .....	3
Add/Reapply Licence.....	4
Add/Remove User .....	5
Add/Remove Qlik Configuration .....	6
Change password .....	7
Reset/Forgot password .....	8
Audit a User.....	9
Bulk Audit.....	10
Bulk Audit using Advanced Option .....	11
Troubleshooting WoWizer Data Access Auditor Services.....	12
Create/Setup Virtual Proxy for WoWizer Data Access Auditor Services .....	13
WoWizer Data Access Auditor Services .....	14

## 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 session access
17. Email Configuration
  - a. Host: smtp.etc.com
  - b. Port: 587
  - c. Email ID
  - d. Password

## Where do 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 [Session Access](#) in Application
20. Single User Audit is helpful for auditing the security provided for the specific Application for a Specific sheets with Session Access (Data Reduction) applied.
21. Bulk User Audit is helpful for auditing the Session Access (Data Reduction) provided for the set of users having access of a specific application, where consolidated report is generated with result.

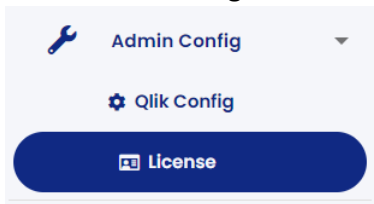
### Use Case:

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 Session Access Audit**, we can check before hand in UAT if all the VIP is getting proper access as per the Session 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 Session Access Audit**, Auditor 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**.

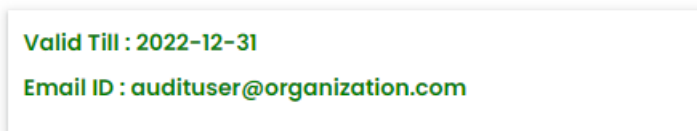
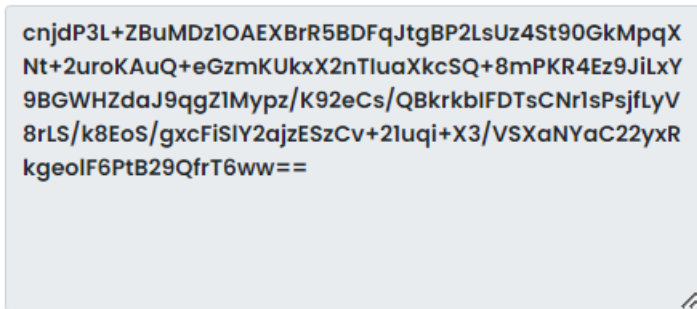
## Add/Reapply Licence

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 \***



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

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**
✕

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**Email**

**Username**

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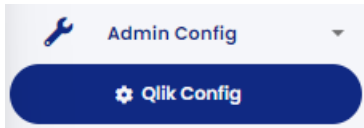
Cancel
Save

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.

A screenshot of a configuration form. It contains four input fields: "Qlik Sense Host Name / IP" with a person icon, "User Id" with a key icon, and "User Directory" with a folder icon. Below these is a file upload section with a grey button labeled "Upload Certificates", the text "No File Chosen", and an information icon. Below the upload section is a text example: "- eg: client.pem, client\_key.pem, root.pem". At the bottom, there are two blue buttons labeled "Save" and "Clear", and a red trash can icon.

## Change password

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

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

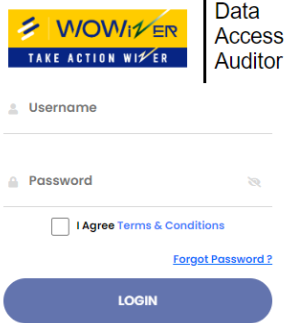
Change Password

**Change Password**

## Reset/Forgot password

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

1. Go to **Forgot Password.**



The screenshot shows the login interface for WOWiZER. At the top left is the WOWiZER logo with the tagline 'TAKE ACTION WIZER'. 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 small icon on the right side. Below the 'Password' field, there is a checkbox labeled 'I Agree Terms & Conditions' and a link 'Forgot Password?'. At the bottom of the form is a blue button labeled 'LOGIN'.

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.

em 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 Session 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...	<a href="#">Link</a>
> Auditor	Outstanding Dashbo...		2023-04-11T06:54:10.7...	2023-04-06T07:05:13...	<a href="#">Link</a>
> 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....	<a href="#">Link</a>

# Bulk Audit

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

1. Select a Stream
2. Select the Application that is to be audited.
3. Browse the session 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

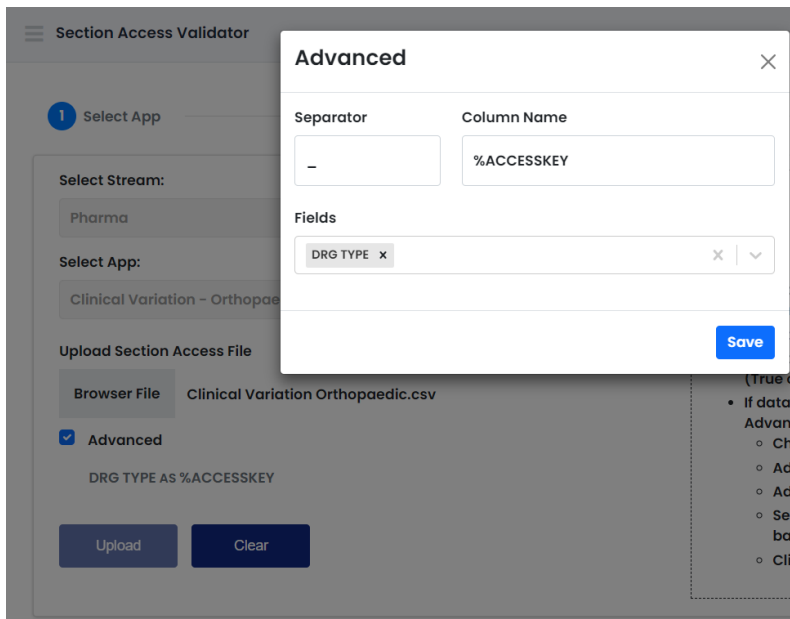
Upload Clear

Section Access File Uploaded Successfully.

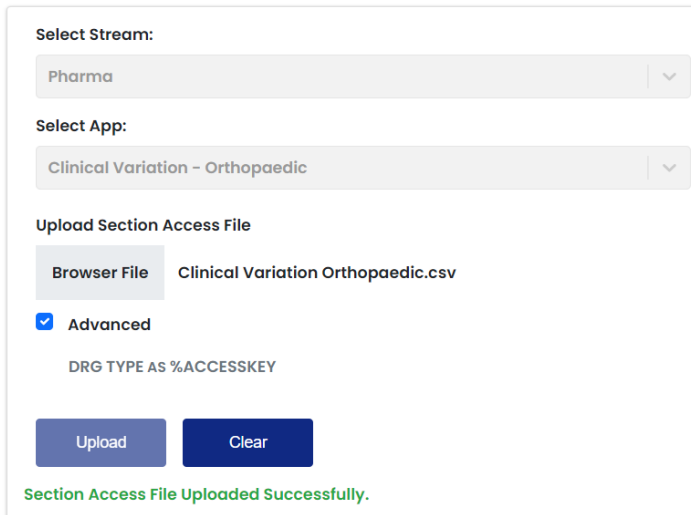
# Bulk Audit using Advanced Option

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

1. Select a Stream
2. Select the Application that is to be audited.
3. Browse the session 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





## Troubleshooting WoWizer Data Access Auditor Services

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

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.

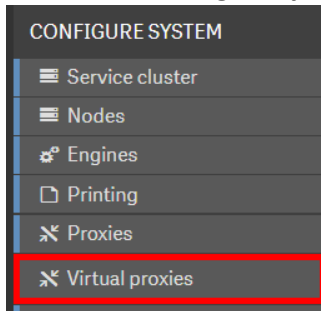
 Auditor Backend Engine	Backend of Auditor	Running	Automatic
 Auditor Portal Service	Frontend of Auditor	Running	Automatic

# Create/Setup Virtual Proxy for WoWizer Data Access Auditor Services

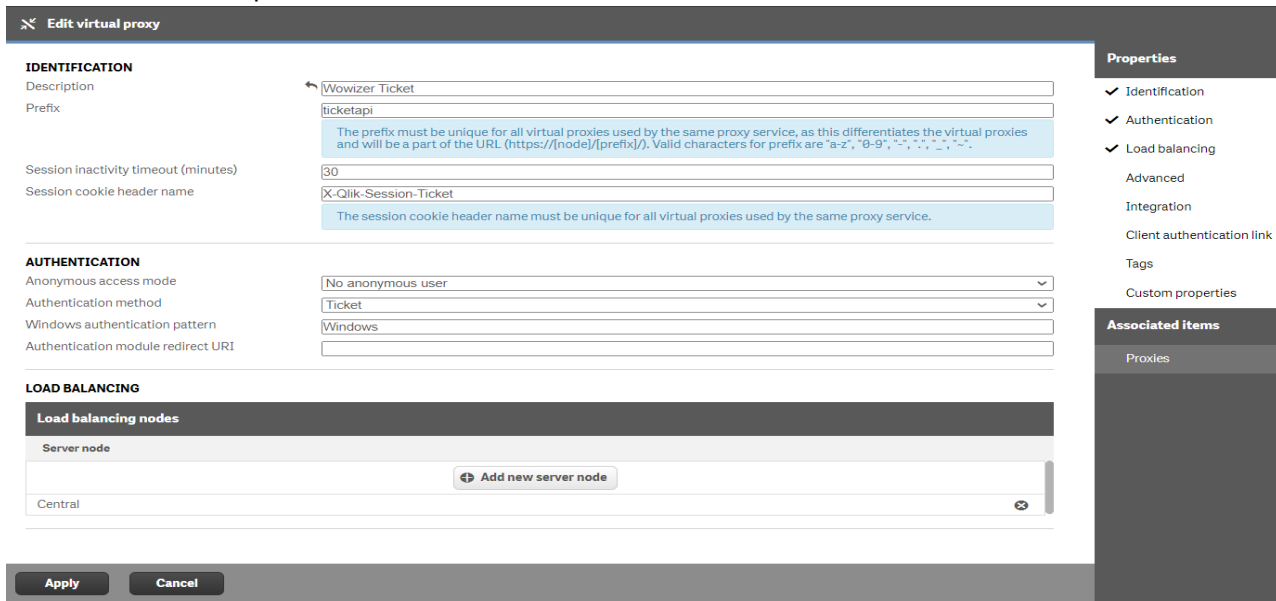
Please follow below steps to Create Virtual Proxy in Qlik Sense Enterprise.

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**

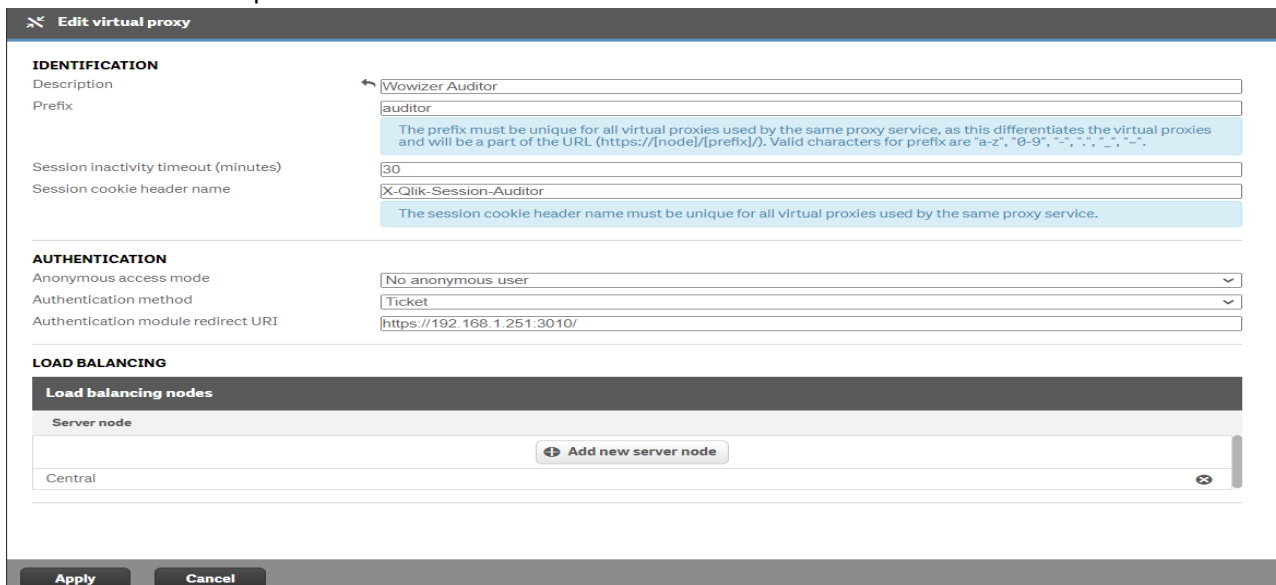


The screenshot shows the 'Edit virtual proxy' configuration page for 'Wowizer Ticket'. The page is divided into several sections:

- IDENTIFICATION:** Description is 'Wowizer Ticket', Prefix is 'ticketapi', Session inactivity timeout (minutes) is '30', and Session cookie header name is 'X-Qlik-Session-Ticket'.
- AUTHENTICATION:** Anonymous access mode is 'No anonymous user', Authentication method is 'Ticket', Windows authentication pattern is 'Windows', and Authentication module redirect URI is empty.
- LOAD BALANCING:** Under 'Load balancing nodes', there is one server node named 'Central'.
- Properties:** A sidebar on the right shows checked boxes for 'Identification', 'Authentication', and 'Load balancing', along with other options like 'Advanced', 'Integration', 'Client authentication link', 'Tags', and 'Custom properties'.
- Associated items:** A sidebar on the right shows 'Proxies' under 'Associated items'.

Buttons for 'Apply' and 'Cancel' are located at the bottom of the form.

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



The screenshot shows the 'Edit virtual proxy' configuration page for 'Wowizer Auditor'. The page is divided into several sections:

- IDENTIFICATION:** Description is 'Wowizer Auditor', Prefix is 'auditor', Session inactivity timeout (minutes) is '30', and Session cookie header name is 'X-Qlik-Session-Auditor'.
- AUTHENTICATION:** Anonymous access mode is 'No anonymous user', Authentication method is 'Ticket', and Authentication module redirect URI is 'https://192.168.1.251:3010/'.
- LOAD BALANCING:** Under 'Load balancing nodes', there is one server node named 'Central'.

Buttons for 'Apply' and 'Cancel' are located at the bottom of the form.

# WoWizer Data Access Auditor Services

