



Get Started with Qlik[®] Sense

Quick Installation Guide

September, 2014





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About this document

Installation of the Qlik[®] Sense server platform is fairly simple. This guide has been designed to get you started very quickly and assumes the installation of a single Qlik Sense node environment. A single instance will include ALL the services installed in the same system. Please refer to the Qlik Help site (<https://help.qlik.com/>) for detailed installation and other configuration topics. This guide assumes you have already downloaded the Qlik Sense software installation executable and have placed it in an appropriate directory.

Important Prerequisites

System Requirements: Before installing the software, make sure your system meets the appropriate system requirements as defined in the *Qlik Sense system requirements* section on the Qlik Help site.

Deploying Qlik Sense > Deploying Qlik Sense > Qlik Sense system requirements.

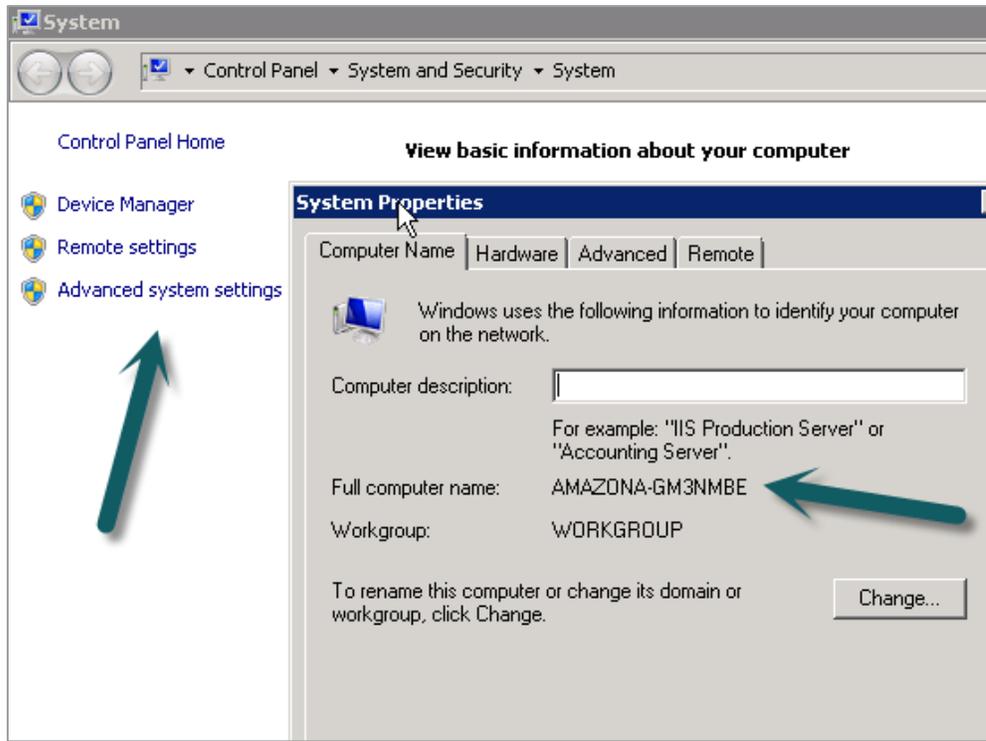
System Account: It is recommended that you create/use a domain or local Windows Administrator account during the Qlik Sense installation and for the services that will be installed. This account can be a separate Administrator account that has an ID name that identifies the Qlik Sense system user, such as *Qlik_sense_system* etc. Make sure that the account has complete administrative access privileges to install software and services to the system you are installing the Qlik Sense platform to. (This should be a familiar process to those responsible for installing software on most systems. If you are installing on your local workstation, make sure the user ID, logged in has the appropriate access rights.)

The image shows a 'New User' dialog box with the following fields and options:

- User name: sense_system
- Full name: Sense System Account
- Description: Used for Installation and Services
- Password: [masked with dots]
- Confirm password: [masked with dots]
- User must change password at next logon
- User cannot change password
- Password never expires
- Account is disabled

Buttons at the bottom: Help, Create, Close

Windows Hostname/Domain: Have the appropriate machine hostname/domain available, as this will be used when setting up the system services in combination with the system account you created. During the installation the process will attempt to verify the machine's address and make suggestions depending on your network configuration. If you do not have your machine name, you can get it by accessing the properties of your computer and selecting Advanced System Settings → Computer Name.

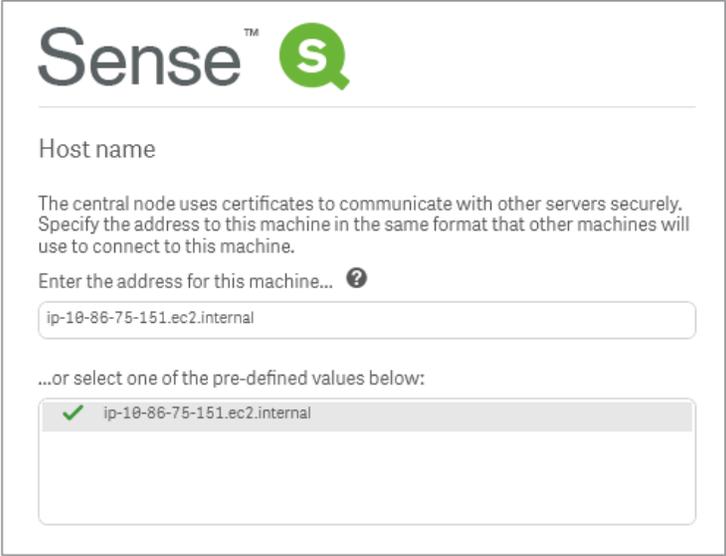


Browser: Make sure you have a supported web browser installed on the system in order to access the Management Console to perform Qlik® Sense configurations. Supported Browsers can be viewed in the System Requirements section on the Qlik Help site: **Deploying Qlik Sense > Deploying Qlik Sense > Qlik Sense system requirements**. In order to avoid all possible interruptions due to strict browser settings, ensure that JavaScript is enabled and that your security for trusted zones is set to minimal, at least for the initial configuration. On some machines, Internet Explorer may be locked down by other policies and it may be difficult to change its settings, make sure you have another browser such as FireFox or Google Chrome in these cases.

Network (Internet Access): Make sure that your machine has access to the internet, at least during the initial setup, in order to license the Qlik Sense Server. If this is not possible, make sure you have the appropriate LEF (License Enablement File) from your Qlik Account Manager – so you can copy the license text within in it and paste it into the appropriate License window during license configuration.

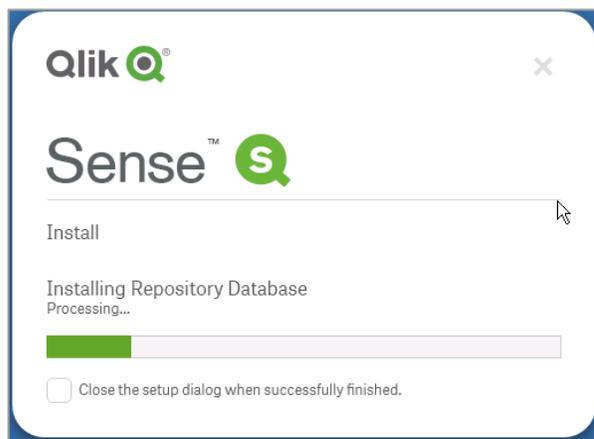
Quick Step by Step Installation

1. LOG IN with the appropriate account that you would use to install the software
2. Execute **Qlik_Sense_setup.exe**
3. If UAC (User Access Control) Prompts you to continue, Click Yes
4. Select Custom Install
5. Accept the license agreement and click Next
6. Keep all defaults, change the installation path if necessary
 - a. You can hover over the ? for more information about the services
7. Click Next
8. Enter in a password **that you choose** for the repository database superuser.
 - a. Hover over the ? for more information. Qlik[®] Sense uses a Repository to store various bits of information. The Qlik Sense Repository uses a PostgreSQL database as the underlying technology. A database superuser is created by the installation and used to execute the appropriate transactions; this is the password for that user and is not needed unless directed by Qlik Technical Support.
9. Check the box to Enter in your Service credentials
 - a. Enter the domain\username ex. AMAZONA-GM3NMBE\sense_system
 - b. Leave Central Node checked
 - c. Click Next
10. Due to certificate security communication between the server and other client machines, you may receive a dialog confirming the machine's address. If this machine is to be accessed by other client machines (via web browsers, typical) ensure that the recommended machine name is the one that will be used to access this machine, otherwise enter in the appropriate address or fully qualified domain name that will be used to access this machine. (Your screen will vary.)

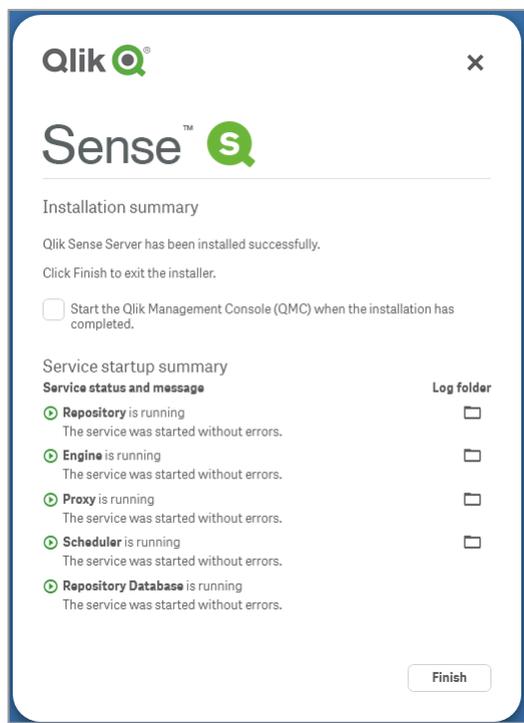


The screenshot shows a dialog box titled "Sense" with a green "S" logo. The main heading is "Host name". Below this, there is explanatory text: "The central node uses certificates to communicate with other servers securely. Specify the address to this machine in the same format that other machines will use to connect to this machine." This is followed by a prompt "Enter the address for this machine..." with a help icon. A text input field contains the address "ip-10-86-75-151.ec2.internal". Below this, there is a section titled "...or select one of the pre-defined values below:" with a list box containing the same address "ip-10-86-75-151.ec2.internal" which is selected and has a green checkmark to its left.

11. Click Next
12. Leave the checkboxes for the services and shortcuts checked.
13. Click Install
14. If UAC (User Access Control) Prompts you to continue, Click Yes



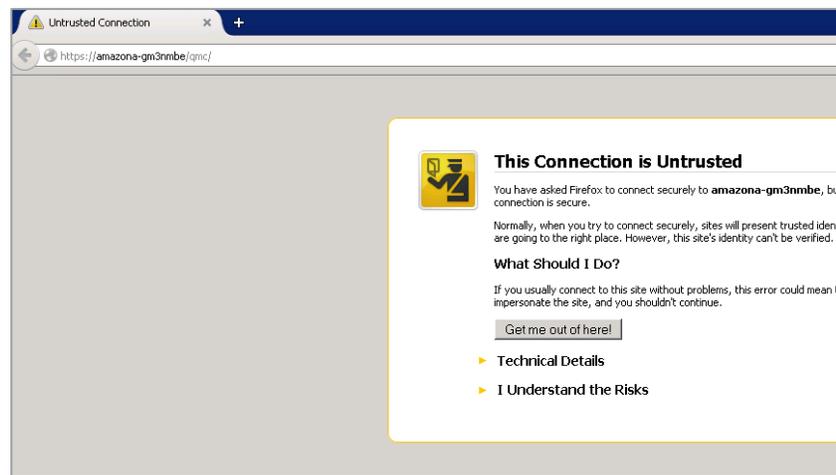
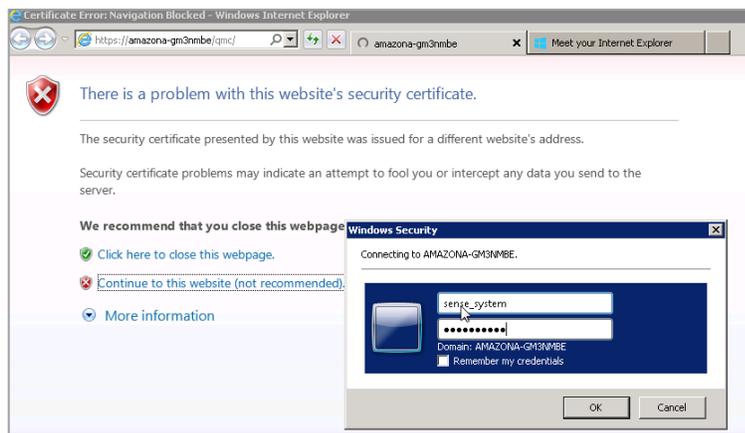
15. When the install is complete, verify the services are running, check the box to start the Management Console.



16. If you receive any errors, please click the log folder and prepare logs to send to Qlik Technical Support. Click Finish.

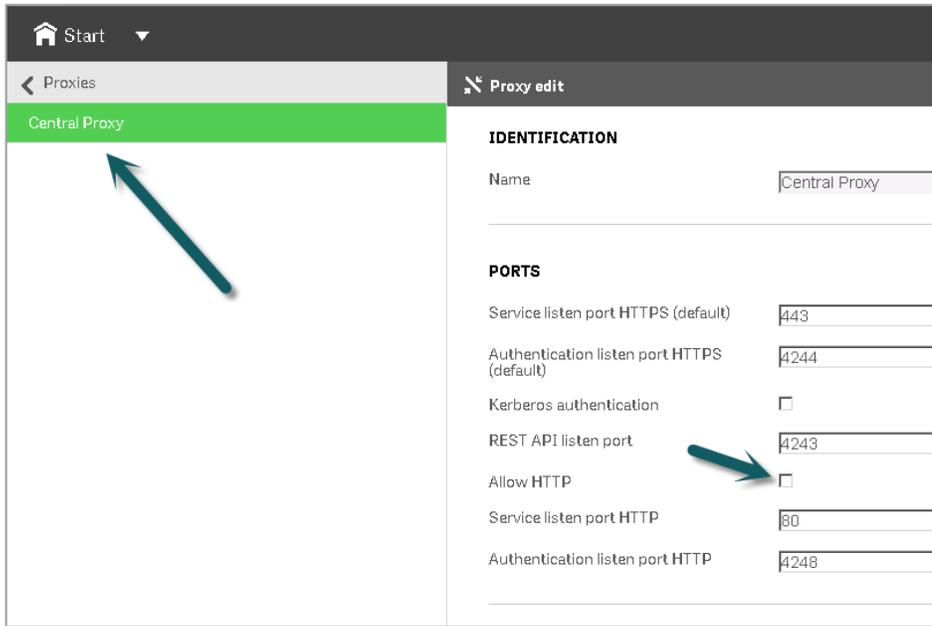
License the Qlik[®] Sense Platform

1. Your default web browser will open, most likely Internet Explorer, to the Qlik Management Console.
 - a. You may need to refresh your browser if a “page not found” message or similar error is displayed. This is normal, as the Qlik[®] Sense services may still be starting up. If you need to access the Management Console manually you can use the shortcut in the program menu, or enter https://<machine_name>/qmc in the browser’s address bar.
 - b. **NOTE:** By default, the Qlik Sense proxy is installed and configured using SSL, and uses a default untrusted or unsigned certificate. You may receive a notification about the certificate or connection not being trusted, this message will vary with each browser. This is normal, just select either accept, understand, install, or trust the certificate and choose to continue to “this site”. You may need to Add and/or Confirm the certificate in other browsers. You may have to perform this action twice.

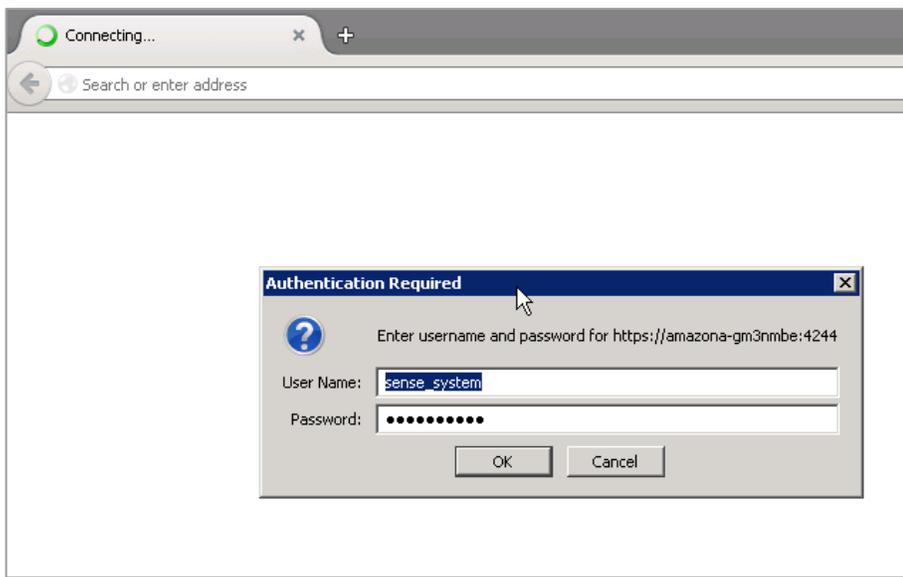


As a post installation step, you can choose to enable HTTP and deactivate HTTPS in the Qlik Management Console Proxy settings, OR install your own trusted certificate. Refer to the Help Site documentation (<http://help.qlik.com/>) at the following topic location to learn more:

Administering Qlik Sense > Managing a Qlik Sense site > Configuring Qlik Sense > Configuring security > Changing proxy certificate



After you accept the certificate you should be prompted to log on:



2. Log in, using the same operating system account you are logged in with that installed the software. (for our example *Qlik sense_system*)
3. In the Management Console – you then need to enter in the user and/or organization information.
4. If this machine has internet access:
 - a. Enter in your Serial and Control numbers
 - b. Click Get LEF from Server
 - c. Click Apply
5. If there isn't any internet access:
 - a. Copy and paste the text from the LEF file into the LEF box
 - b. Click Apply

Owner name*

Owner organization*

Serial number*

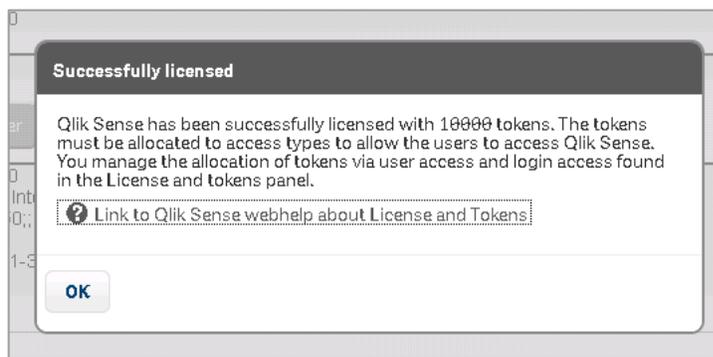
Control number*

LEF

LEF was successfully retrieved.

```
====;QlikView.Next Internal 2014 License;=====  
PRODUCTLEVEL;50;;2015-01-31  
TOKENS;10000;;  
TIMELIMIT;;;2015-01-31  
OVERAGE;NO;;
```

6. You will receive a confirmation message. You are ready to allocate tokens and assign user access to the Qlik[®] Sense platform. Please refer to the Qlik Online Help site or alternatively, you can review the Information Guide to Allocating Access Passes and video.



Troubleshooting

Adding machine name to Proxy White list (optional post install / troubleshooting)

In order to access the Qlik® Sense platform properly from other machines using a web browser, **it may be** necessary to add the Qlik Sense server machine name and / or external hostname addresses to the ***Websocket origin white list*** property on certain installations of the Qlik Sense Server.

If you receive a Lost Connection Error after logging in successfully to the Qlik Sense Hub, it is possible that the white list needs to be updated with the proper machine hostname.



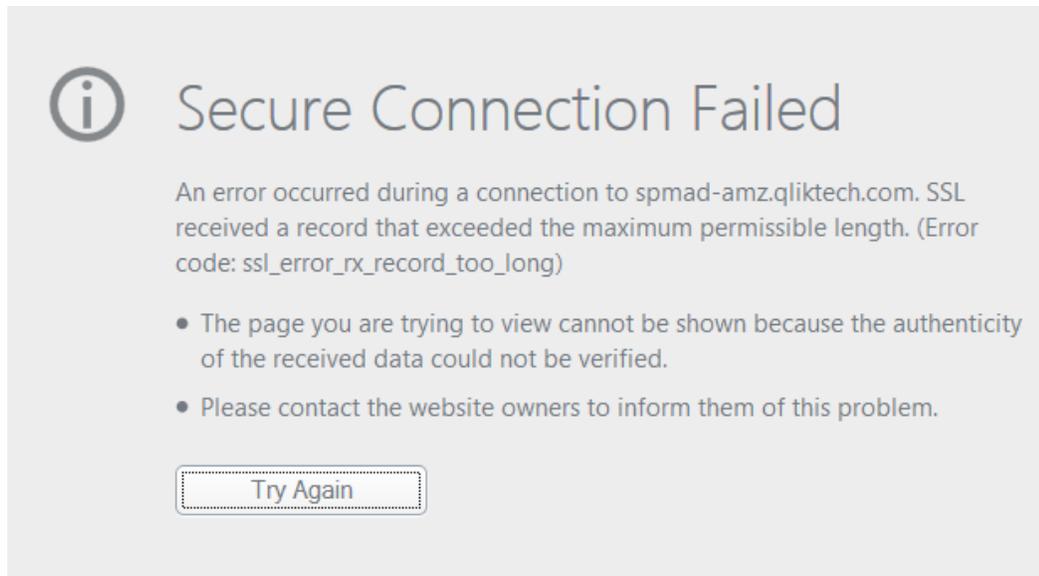
This error may also occur, when **on the local Qlik Sense machine**, you attempt to access the Qlik Sense Hub using the machine name as per the Qlik Sense Hub desktop shortcut and receive the Lost Connection error. However, accessing the Qlik Sense Hub via <https://localhost/hub> will work.

Websocket origin white list steps:

1. Click OK and Click Restart QMC if prompted. You can also get back to the QMC by opening a browser and entering in https://<machine_name>/qmc in the address bar.
2. On the left side menu Click Proxies
3. Central Proxy should be selected
4. On the bottom left click Edit
5. Ensure that Default Proxy is selected on the right
6. Scroll down to the bottom where you see Websocket origin white list
7. Click Create New and add the appropriate hostname or machine address of the Qlik Sense server (not the client machines) value that this machine is known by.



Ensuring Ports 80 and 443 are free – SSL_PROTOCOL_ERROR or similar



i Secure Connection Failed

An error occurred during a connection to spmad-amz.qliktech.com. SSL received a record that exceeded the maximum permissible length. (Error code: ssl_error_rx_record_too_long)

- The page you are trying to view cannot be shown because the authenticity of the received data could not be verified.
- Please contact the website owners to inform them of this problem.

Try Again

Make sure that no other services are using port 443 or 80 - when performing this installation or after the installation. That includes communication software like SKYPE which is known to use these ports at times. You can disable this in Skype by going to: Tools > Options > Advanced > Connection and unchecking the box that says use port 80 and 443. If this software is running or grabs the port before the Qlik Sense Services start, you will get an SSL_PROTOCOL_ERROR or similar - when attempting to log into the Qlik Management Console.

Additional Resources

This concludes the Qlik[®] Sense platform Quick Install Guide. Please refer to the additional resources, tutorials, samples, and videos available on the Qlik Help Site as well as the New to Qlik Sense forums to learn more.

- <http://community.qlik.com/community/new-to-qlik-sense> - New to Qlik Sense Forums
- <http://help.qlik.com/> - Qlik On-line help site
- Qlik Sense Platform Videos: <http://community.qlik.com/docs/DOC-7144>
- Information Guide to Allocating Access Passes
- Token Licensing Assigning Access Passes
<http://community.qlik.com/docs/DOC-7151>