INSTALLING AND CONFIGURING QLIK INSIGHT BOT



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Introduction

To have Qlik Insight Bot ready-to-serve, you are required to install a couple of components and do several configurations.

The purpose of this document is to guide you how to install and configure Qlik Insight Bot using rich configuration application.

Below are the components which can be downloaded from Qlik's software download site -

- 1. Qlik Insight Bot Applications.exe
- 2. Qlik Insight Bot Services.exe
- 3. Qlik Insight Bot Narrative.exe
- 4. Qlik Insight Bot Webchat Service.exe
- 5. Qlik Insight Bot Slack Engine Service.exe
- 6. Qlik Insight Bot SFB Online Service.exe

Qlik Insight Bot Licensing

Qlik Insight Bot license is integrated with Qlik Sense (QSEfW) license. You need to subscribe your Qlik Sense before you can use Qlik Insight Bot. Qlik[™] will provide you with Qlik Sense license enabled with Qlik Insight Bot. If you are already a customer of QSEfW, you will have to request Qlik[™] to update your license for Qlik Insight Bot. Once it is updated by Qlik[™], it will take ~24 hours to update at your side. If you are using Qlik Sense offline, you will have to request for updated LEF and reapply it.

There are two types of subscriptions for Qlik Insight Bot where -

- 1. Qlik Sense license contains attributes to activate Webchat on Hub and Extension only.
- 2. Qlik Sense license contains attributes to activate third party chat platforms (Slack, MS Teams and Skype for business) along with Webchat on Hub and Extension

When you configure your Qlik Sense for Qlik Insight Bot from Configuration Application, it will retrieve Qlik Sense license information and activate the Insight Bot if it is subscribed. Steps to configure Qlik Sense in Qlik Insight Bot is mentioned later in this document <u>here</u>.

Note:

Qlik Insight Bot license will not be activated in below scenarios.

- 1. Qlik Sense February 2019 will not work if QS license is applied using Signed License Key (SLK).
- 2. Qlik Sense with Tokens based license will not work with any Qlik Sense versions if SLK is applied.(This is unrelated to QIB)

Installation and Configuration

Below are the applications/services that should be installed in following order.

Mandatory Installations:

- 1. Qlik Insight Bot Applications
- 2. Qlik Insight Bot Services
- 3. Qlik Insight Bot Narrative Service

Install any/all of the below service(s) based on your preferred channel(s).

- 1. Qlik Insight Bot Webchat Service
- 2. Qlik Insight Bot Slack Engine Service
- 3. Qlik Insight Bot SFB Online Service

Note: Qlik Insight Bot Slack Engine Service and Qlik Insight Bot SFB Online Service are to be installed only if Azure Web App Bot is not being used.

Install and configure Qlik Insight Bot Applications

Execute the setup file in Administrator mode. Once finished successfully, you should have -

- Qlik Insight Bot Configuration Application A Windows application to perform various configurations (explained later in this document)
- Qlik Insight Bot Portal A web application to manage all Qlik Sense apps you require to configure for Qlik Insight Bot and users who can access Qlik Insight Bot.
- PostgreSQL Server

Configure Qlik Insight Bot Configuration Application

- 1. Open **Qlik Insight Bot Configuration** application, from the desktop, in Administrator mode.
- Register with Email and Password of your choice (A password must be at least 8 characters including 1 number and 1 special character), click Register.
 Note: The same credential will be used to login to Qlik Insight Bot Management Console.

| 8 | Login 🗕 🗖 🗙 |
|----------|--|
| Regist | Qlik Q Insight Bot v1.2.0 |
| | Email Password |
| | Confirm Password Register Cancel |
| © 1993-2 | 019 QlikTech International AB, All Rights Reserved |

3. Enter credentials to Login.

| Insight Bot | |
|---|-----------------------------------|
| v 1.2.0 | |
| Email Password Login Cancel Change Password | |
| | Email Ugin Cancel Change Password |

4. Enter below parameters on **Qlik** Configuration section to configure **Qlik Sense**. Click **Connect** to connect with your Qlik Insight Bot subscribed Qlik Sense environment.

| QRS URL | Qlik Sense Server Proxy URL to connect with Qlik Sense Repository service. If you are configuring the Qlik Sense multi node, use the Proxy URL of central node, Also, if you are configuring Olik Insight Bot on the same server on which |
|--------------|---|
| | Qlik Sense Server is installed, use localhost as a server URL else use Qlik |
| | e.g. <u>https://localhost</u> or <u>https://qliksense.domain.com</u> |
| | Qlik Sense Proxy Service port which is 4242 by default. |
| Qlik User ID | Qlik Sense user id with "Root Admin" access. |

| | e.g. wsmith |
|-------------|---|
| Qlik User | Name of the User Domain Directory from Qlik Sense. |
| Directory | e.g. domain |
| Certificate | A client certificate of Qlik Sense Server. e.g. C:\ProgramData\Qlik\Sense\Repository\Exported Certificates\ <machine Name></machine |

After inserting above information, click **Connect** which will retrieve license information and verify if Qlik Sense is subscribed to use Qlik Insight Bot. On successful verification and connection, you will receive a message with successful connection and will give the list of streams and proxies available. If it is not subscribed, message would be "You do not have a license for this function. Please contact Qlik Sales for more information."

| Stream | Select the Qlik Sense Stream you want to configure. |
|-----------------|---|
| Node Status | Set time interval to check status of node allocated for Qlik Insight Bot |
| Check Interval | Multi-Node. |
| Proxies | Select the Proxy from the list of available proxies. |
| Virtual Proxies | Select the Virtual proxy from the list of available virtual proxies. |
| External URL | A Single Configurator URL points to an <i>on-the-fly</i> Qlik Sense object and sent as a link to you when you demand a chart from Qlik Insight Bot. e.g. <u>https://qliksense.domain.com</u> Note: "localhost" as a value must not be used here. |
| Node | Select Load Balancer node. Which will be used by Qlik Insight Bot to interact with Qlik Sense. |
| Certificate | A client certificate of node you have selected. e.g. C:\ProgramData\Qlik\Sense\Repository\Exported Certificates\ <machine name=""></machine> |

After inserting above information, click **Test Connection** to check if connection is established or not. If connection established successfully, click **Add**. You can also add multiple nodes.

Note: Qlik Insight Bot can connect to Qlik Sense Server by only means of the host name of Qlik Sense node. When the host name of Qlik Sense node is not bound to its domain, it is required to map the host name of Qlik Sense node with its IP address.

Refer Appendix I for the steps to map host name of Qlik Sense node with its IP address.

| مانندھ Insight Bot | Qlik Config | Qlik Configuration – | | | | - 😣 | | | |
|-----------------------------------|---|----------------------|--------------------|---------------------|----------------------------|-----------------|----------------------|--------|--------|
| | Qlik Sense | | | | | Provios | Virtual Pro | vior | |
| 🔘 Qlik | QRS URL: | https://qib-win- | -vm01 | 4242 | | FIGNIES | | ivies | |
| | Qlik User Id: | qibadmin | | | | | | | ¢ \$ |
| छि System | Qlik User Directory: | qib-win-vm01 | | | External URL: | | | | - - |
| | Certificate: | Certificate config | gured | Browse | Node: | | | | ~ |
| ((여)) Network | | Conr | nection successful | l. | Certificate: | | | Browse | |
| $\xrightarrow{\bullet}$ Component | Stream: Node Status Check Interval: | Everyone | linutes | v £3 | | Test Connection | Add | | |
| Channel | Proxy | | Virtual Pr | roxy | Node | | External Url | | |
| O Other | Central | | Central Proxy | r (Default) | Central | ł | nttps://qib-win-vm01 | Û | |
| Add On | | | | | | | | | |
| ਰੂੰ License | Save | Clear | | | | | | | |
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5. Enter below parameters on **System** Configuration section to configure **Postgres Database**, **Azure Bot** and **Alert** function. Click **Save** to save all details.

Database

| Batabase | |
|-----------|---|
| Name | qlikinsightbot |
| Port | Enter PostgreSQL port, which is "5432" by default. |
| | Note: Refer Appendix II to check and verify the PostgreSQL port. |
| User | Superuser Name of Postgres which is postgres by default. |
| Passwords | Password of the Superuser of Postgres (which is "postgres" by default). |

Once you enter password, click Create Database to create a database. You can change the default password.

| Current | Password of the Superuser of Postgres (which is "postgres" by default). |
|-----------|---|
| Passwords | |
| New | New Password of the Superuser of Postgres. |
| Passwords | |
| Confirm | Confirm new Password of the Superuser of Postgres. |
| Passwords | |

Azure Bot

Enter Microsoft App Id, Microsoft App Password, Storage Connection String (optional) of the bot which have been created (refer Step-8 and 10 of QIB - Creating Bot in Azure document).

Alert

Check "Enable" to send alert(s) email to user. (By default, it is enabled). Alert can only be sent if below conditions fulfilled.

- 1. It is enabled from Configuration Application.
- 2. Qlik Sense Application reloaded (minimum time difference between Qlik Sense application reload is 2 hours).
- 3. Alert condition(s) fulfilled.

Alerts can be set to trigger once or recurring.

- 1. Once: Default, it is set to Once. Alert will trigger once and then disabled.
- **2. Recurring**: Alert will be sent every time when Qlik Sense application reloads, and condition(s) matched.

Set Limit: Maximum number of alerts a user can set.

| alik@ Insight Bot | System Configuration - (| | | |
|---|---|---------------------------------|--|--|
| | Database | Azure Bot | | |
| (i) Qlik (ii) System (iii) Network iiii Component iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii | Name: qlikinsightbot_lef_ Current Password; Port: 5432 New Password; User: postgres Confirm Password; Password: •••••••• Set Password; Alert ✓ Enable Enabling this will allow the alert to be triggered. Set Limit: 10 ▲ Maximum alerts to be set by user. | Microsoft App ID: | | |
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6. From **Network** Configuration section, you can configure SMTP to enable **Alert me** and **Email me** features.

| SMTP Server | The host name of the SMTP (Simple Mail Transfer Protocol) server of email Id entered in Email which will be used to send mails for Alert me, email me features. |
|--------------------|---|
| SMTP Port | The Port number of the SMTP server. |
| Email | A legitimate Email ID. |
| Password | Password of the Email ID. |
| Use SSL | Check it to enable Secure Socket Layer (Recommended). |
| Test email address | Email address to send a test mail. |

| alik@ Insight Bot | Network Configuration – S |
|----------------------|--|
| Q Qlik | SMTP Server: |
| छि System | Email: Password: |
| ((여))) Network | V Use SSL |
| <u>↔</u> Component | Test email: |
| Channel | Save |
| O Other | |
| 🤐 Add On | |
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7. **Component** Configuration section allows you to configure **Management**, **NLU**, **Narrative**, **NLP** services.

Management Service Configuration

| Remote URL | Remote URL of Qlik Insight Bot Management Service which will be |
|------------|---|
| | https://localhost:4436 |
| Local URL | Local URL will generate automatically. |

NLU Service Configuration

| URL | URL of Qlik Insight Bot NLU Service along with its port number on which |
|-----|---|
| | Qlik Insight Bot NLU is installed which will be like |
| | https:// <servername>:5000 – If "isHttps" is set to true in the "Docker-</servername> |
| | compose.yml" file. |
| | http:// <servername>:5000 – If "isHttps" is set to false in the "Docker-</servername> |
| | compose.yml" file. |
| | (refer Step 2 of QIB - Installing Qlik Insight Bot NLU) |
| | |

Narrative Service Configuration

| Host | Host name of server on which Qlik Insight Bot Narrative Service is installed in this case it will be <u>https://localhost</u> |
|------|---|
| Port | Port number of Qlik Insight Bot Narrative Service, on which you want to start Qlik Insight Bot Narrative Service, by default it will be 8001. |

| Allow Remote Host | This will allow Qlik Insight Bot to communicate with Narrative |
|-------------------|--|
| | service when installed on another machine than the Qlik Insight Bot. |
| | If you are using PC Name, IP Address or Domain name instead of |
| | localhost in Host, check this option. This will add the host as a |
| | trusted entity. |

NLP Service Configuration

URL OF Qlik Insight Bot NLP Service which will be <u>https://localhost:4437</u>

| alik@ Insight Bot | Component Configuration | — 😣 |
|----------------------|---------------------------------------|--|
| Q Qlik | Remote URL: https://localhost:4436 | URL: https://172.20.0.157:5000 |
| ැලා) Network | Narrative Service Configuration | NIP Service Configuration |
| Component | Host: https://localhost Port: 8001 | URL: https://localhost:4437 |
| OOOOO Other | ✓ Allow Remote Host | |
| E License | Save | |
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8. On **Channel** Configuration section, you can configure **Slack**, **Skype for Business**, **Webchat** channels through which you want to communicate with the Qlik Insight Bot.

Slack

| Allow New Users | This will allow new user(s) to be added. |
|-------------------------|--|
| Token | Use the Bot User OAuth access token which we have |
| | generated in Save Application Credentials section of QIB – |
| | Configuring Channel document. |
| | e.g. xoxb-00000000000-000000000000- |
| | xxXXxx0xx0xxxXXxxXxxx00x |
| Qlik Insight Bot Engine | If you are using "Qlik Insight Bot Slack Engine" exe, Qlik |
| URL | Insight Bot Engine service url which must be the below |
| | https://localhost:4434 |
| | Leave this field blank if "Qlik Insight Bot Slack Engine |
| | Service" is not used. |

Skype for Business

| SFB Username | The user created in Office 365 environment. (QIB - Configuring Channels) | | |
|--------------|--|--|--|
| Password | Password of the user created in Office 365 environment. | | |
| Tenant | Domain name of SFB User Name. E.g. qlik.com | | |
| Client ID | Provide the Application ID which we have saved earlier. (QIB - | | |
| | Configuring Channels) | | |
| Qlik Insight | Qlik Insight Bot Engine service url <u>https://localhost:4434</u> | | |
| Bot Engine | | | |
| URL | | | |

Webchat

| Qlik Insight | If Qlik Insight Bot and Qlik Sense server are installed on the same |
|--------------|--|
| Bot Engine | machine, use Qlik Insight Bot Engine service url <u>https://localhost:4434</u> |
| URL | If Qlik Insight Bot and Qlik Sense server are on different machines, |
| | provide the URL which can be accessed by webchat service. E.g. |
| | https:// <server url="">:4434</server> |
| Webchat | This URL should be the URL of the machine on which you have installed |
| Service URL | Qlik Insight Bot webchat service which may be the same as the Qlik |
| | Sense access URL from outside the network. |

Note: You are required to configure webchat to use Qlik Sense Extension and Webchat for Qlik Sense Hub. There is a separate document for webchat service named "Configuring Webchat and Qlik Sense Extension".

| Qlik@ Insight Bot | Channel Confi | guration | | | - 😣 |
|--|--|--|--|------------------------|--------|
| | Slack | | Skype for Business | | |
| Qlik | Token: | Allow New Users | Username: Password: Tenant: | |] |
| ((©))) Network | Qlik Insight Bot Engine URL: | https://localhost:4434 | Client ID: Qlik Insight Bot Engine URL: | nttps://localhost:4434 |]] |
| $\stackrel{\diamond}{\longrightarrow}$ Component | Webchat | | | | |
| Channel | Qlik Insight Bot Engine URL: Webchat Service URL: | https://localhost:4434 https://localhost 4431 | | | |
| 000 Other | | | | | |
| 🗳 Add On | Save | | | | |
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9. From **Other** Configuration tab you can configure the following.

Filter

If Auto Clear is set, Qlik Insight Bot will remove any applied filters, context and currently selection application after the minutes you have set in **Clear Filter Time** if the user seats idle for that time period.

Auto Convert

Money – This will show the amount in symbolic form, i.e \$100000 will be shown as \$1M. Number – This will show the amount in symbolic form, i.e 10000 will be shown as 10K.

App Object

Disable chart creation in Qlik Sense application by checking the box. A Qlik Sense chart will not be created and hence, the chart link will not be generated. This won't change the response of the query.

Qlik Sense application object created by Qlik Insight Bot will be deleted automatically after configured day(s) for Delete Sheet Time.

e.g. If the "Delete Sheet Time" is set to "1", all sheets created by Qlik Insight Bot will be deleted after 1 day.

Timezone

Qlik Insight Bot will consider the time zone you have set from this section while giving any response to the user.

Log Configuration

You can enable the Qlik Insight Bot question logging feature by enabling the Log Configuration. This will store the questions asked by users in a log file.

Select path for storing the Qlik Insight Bot questions log file, which is "C:\ProgramData\Qlik Insight Bot\Logs" by default.

Note: Make sure that IIS_IUSRS has read/write permission to the selected folder.

Prefix for Synonyms Tags

Qlik Insight Bot consumes tags added into Master Items. It may be possible that there are few tags which are already added into master items and you don't want to consider them for Qlik Insight Bot. In this case, you can configure that prefix in the Configuration Application and add tags with any prefix. So, Qlik Insight Bot will pick up only those tags which has this prefix added. If prefix is not added, it will pick all available tags from master items. Ex. If you want to pick tag with prefix **QIB_**, you simply add prefix **QIB_** in configuration and tag can be **QIB_Cities** for the master dimension **City**. Please note that the configuration for prefix is applied to all the application.

| Qlik@ Insight Bot | Other Configuration | - 😣 |
|----------------------|---|---|
| maight | Filter | Auto Convert |
| Q Qlik | Auto Clear Clear Filter Time: 5 (in minutes) Setting the "Clear Filter Time" will clear selection(s) applied by the user if user sits (idle for the time set. | ✓ Money Setting "Money" will show the amount in symbolic form i.e. \$1000000 will be shown as \$1M. |
| छि System | Timezone | Number Setting "Number" will show the amount in symbolic form |
| ((0)) Network | App Object | i.e. 10000 will be shown as 10K. |
| - <u>∽</u> Component | Disable Qlik Sense Chart Generation | Log Configuration ✓ Enable Location: C:\ProgramData\Qlik Insight Bot\Logs Browse |
| Channel | Setting the "Delete Sheet Time" will automatically delete the sheet created by QIB. | Prefix for Synonyms Tags Tag Prefix: |
| O Other | e.g. If the "Delete Sheet Time" is set to "2", all sheets created by QIB will be deleted after 2 days. | Qlik Insight Bot will pick only those tags which has this prefix (applies to all apps). If prefix is not provided, Qlik Insight Bot will pick all synonym tags. |
| 😂 🛛 Add On | Save | |
| ج آي License | | |
| | | |
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- 10. From **Add On** tab you can download the Qlik Sense Extension and Webchat for Qlik Sense Hub.
 - a. For **Qlik Sense Extension**, click **Download.** Also, you need to configure the web chat from the channel configuration tab.

(QIB - Configuring Webchat and Qlik Sense Extension)

b. For **Webchat for Qlik Sense Hub**, select appropriate Qlik Sense version, click **Download**. Also, you need to configure the web chat from the channel configuration tab.

(QIB - Configuring Webchat and Qlik Sense Extension)

Note: If you make any changes in the Qlik Insight Bot Configuration application for webchat channel, you are required to re-download and re-configure the Qlik Sense Extension and Webchat for Qlik Sense Hub.

| Q Qlik | Qlik Sense Extension | Webchat for Qlik Sense Hub |
|---|----------------------|----------------------------|
| Image: System (i∞i) Network Image: System Image: Component Image: Other | Download | Select Qlik Sense Version |
| တိ Other မိ Add On | | |

11. The **License** section shows the license detail.

If your license information (License Expiration Information) has been updated by $Qlik^{TM}$ and to reflect those changes on Qlik Insight Bot, click Update License button. All Qlik Insight Bot Services need to be restarted in order to reflect those change.

| alik@ Insight Bot | Qlik Insight Bot License – 😣 |
|----------------------|--|
| Q Qlik | |
| छि System | |
| ((0))) Network | Serial Number |
| Component | Expiry Date |
| Channel | Update License |
| 000 Other | |
| 🗳 🛛 Add On | |
| E License | |
| | |
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Qlik Insight Bot should now be configured.

Install and configure Qlik Insight Bot Services

Execute the setup file in administrator mode. Once finished successfully, you should have -

- Web services
 - Qlik Insight Bot Engine Service
 - Qlik Insight Bot Management Service
 - Qlik Insight Bot NLP Service
- Windows Service
 - Qlik Insight Bot Deployment Engine Service

After installing Qlik Insight Bot Services you need to configure above Web services. Below are the steps to do the same.

Configure Qlik Insight Bot Engine Service

- 1. Open IIS Manager.
- 2. Select engineservice under sites on left pane, click Bindings under Edit Site on right pane.



3. Click Add...

| S | Site Bindings | | | | | | ? | × |
|---|---------------|-----------|------------|-----------------|-----------------|--|---|---|
| | Type http | Host Name | Port 90 | IP Address * | Binding Informa | | Add Edit <u>R</u> emove <u>B</u> rowse | |
| | | | | | | | <u>C</u> lose | |

4. Enter below details, click **OK**.

| Туре | Select https |
|-----------------|--|
| Port | Enter 4434 |
| SSL Certificate | Select Your SSL certificate from drop down menu. |

| Add Site Binding | ? | Х |
|--|--------|---|
| Type: IP address: Port: 2 https V All Unassigned V 4434 | | |
| Host name: | | |
| | | |
| Require Server Name Indication | | |
| SSL certificate: | | |
| Select | View | |
| | | |
| ОК | Cancel | |
| | | |

5. Select other Binding, click **Remove**.

| S | Site Bindings | | | | | | | ? | × |
|---|-----------------------|-----------|--------------------|-----------------|-----------------|---|--|---|---|
| | Type http https | Host Name | Port 90 4434 | IP Address * | Binding Informa | 0 | | <u>A</u> dd <u>E</u> dit <u>R</u> emove | |
| | | | | | | | | Browse | |
| | | | | | | | | <u>C</u> lose | |

6. After changing the port of Qlik Insight Bot Engine Service, you need to check that the service is running or not by hitting :4434">https://servername>:4434 in the web browser.

Configure Qlik Insight Bot Management Service

1. Select managementservice under sites on left pane, click Bindings under Edit Site on right pane.



2. Click Add...

| Site Bindings | | | | ? × |
|------------------------|------------|-----------------|-----------------|---|
| Type Host Name http | Port 92 | IP Address * | Binding Informa | Add Edit <u>R</u> emove <u>B</u> rowse |
| | | | | <u>C</u> lose |

3. Enter below details, click **OK**.

| Туре | Select https |
|-----------------|--|
| Port | Enter 4436 |
| SSL Certificate | Select Your SSL certificate from drop down menu. |

| Add Site Binding | _ | ? | × |
|---|-------------------|--------|---|
| Type: IP address: https V All Unassigned | Port: 2 √ 4436 | | |
| | | | |
| Require Server Name Indication | | | |
| SSL certificate: | | | |
| × - | Select | View | |
| | ОК | Cancel | |

4. Select other Binding, click **Remove**.

| S | ite Bindin | gs | | | | | ? | × |
|---|-----------------------|-----------------|--------------------|-----------------|-----------------|---|--|---|
| S | Type http https | gs Host Name | Port 92 4436 | IP Address * | Binding Informa | 0 | ? <u>A</u> dd <u>E</u> dit <u>R</u> emove <u>B</u> rowse | × |
| | | | | | | | <u>C</u> lose | |

5. After changing the port of Qlik Insight Bot Management Service, you need to check that the service is running or not by hitting <u>https://<servername>:4436</u> in the web browser.

Configure Qlik Insight Bot NLP Service

1. Select nlpservice under sites on left pane, click Bindings under Edit Site on right pane.



2. Click Add...

| s | Site Bindings | | | | | | ? | × |
|---|---------------|-----------|------------|-----------------|-----------------|--|---|---|
| | Type http | Host Name | Port 91 | IP Address * | Binding Informa | | <u>A</u> dd <u>E</u> dit <u>R</u> emove <u>B</u> rowse | |
| | | | | | | | <u>C</u> lose | |

3. Enter below details, click **OK**.

| Туре | Select https |
|-----------------|--|
| Port | Enter 4437 |
| SSL Certificate | Select Your SSL certificate from drop down menu. |

| Add Site Binding | ? | Х |
|--|--------|---|
| Type: IP address: Port: 2 https All Unassigned 4437 Host name: | | |
| Require Server Name Indication | | |
| SSL certificate: | View | |
| ОК | Cancel | |

4. Select other Binding, click **Remove**.

| S | te Bindin | gs | | | | | 7 |) | × |
|---|-----------|-----------|------|------------|-----------------|---|-------------|-----|---|
| | Туре | Host Name | Port | IP Address | Binding Informa | | Ad | d | |
| | http | | 4437 | * | | | <u>E</u> di | t | |
| | | | | | | 2 | <u>R</u> em | ove | |
| | | | | | | | Bro | wse | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | <u>C</u> lo | se | |

5. After changing the port of Qlik Insight Bot NLP Service, you need to check that the service is running or not by hitting :4437">https://servername>:4437 in the web browser.

Configure the Portal

- 1. Open IIS Manager.
- 2. Select **portal** under **sites** on left pane, click **Bindings** under **Edit Site** on right pane.

| No internet information functions of O Managam | - 0 × |
|--|---|
| *g monte resumation zerve (s) is leaving to the second sec | a = a a . |
| The Wey Hele | |
| The interview of i | In the second seco |
| | |
| C S Content View | |
| Fault | 61 |

3. Click Add...

| Site Bindings | | | | | | | ? | × |
|---------------|--------------|-----------|-------------|-----------------|-----------------|---|---|---|
| | Type http | Host Name | Port 100 | IP Address * | Binding Informa | | Add Edit <u>R</u> emove <u>B</u> rowse | |
| | | | | | | [| <u>C</u> lose | |

4. Enter below details, click **OK**.

| Туре | Select https |
|--|---------------------|
| Port | Enter 4435 |
| SSL Certificate Select Your SSL certificate from drop down | |

| Add Site Binding | ? | Х |
|--|--------|---|
| Type: IP address: Port: 2 https V All Unassigned V 4435 | | |
| Host name: | | |
| | | |
| Require Server Name Indication | | |
| SSL certificate: | | |
| Select | View | |
| | | |
| ОК | Cancel | |
| | | |

5. Select other Binding, click **Remove**.

| s | ite Bindin | ıgs | | | | | ? | × |
|---|-----------------------|-----------|---------------------|-----------------|-----------------|---|-----------------------|---|
| | Type http https | Host Name | Port 100 4435 | IP Address * | Binding Informa | 0 | Add Edit Remove | |
| | | | | | | | <u>C</u> lose | |

6. After changing the port of Qlik Insight Bot NLP Service, you need to check that the service is running or not by hitting <u>https://<servername>:4435</u> in the web browser and login using the creds which were used in Qlik Insight Bot Configuration Application.

Tip: Best viewed and experienced in Google Chrome.

Install Qlik Insight Bot Narrative service

Execute the setup file in Administrator mode.

Once finished successfully, open windows service and check that Qlik Insight Bot Narrative Service is running. If not, start it.

Install Qlik Insight Bot Webchat service

If you want to use Qlik Insight Bot as a Qlik Sense Hub Chat or as a Qlik Sense Extension, execute the **Qlik Insight Bot Webchat Service** setup file in Administrator mode.

Install Qlik Insight Bot Slack Engine service

If you want to use Qlik Insight Bot in Slack (if no Azure Bot is created for Slack channel), execute the **Qlik Insight Bot Slack Engine Service** setup file in Administrator mode.

Install Qlik Insight Bot SFB Online service

If you want to use Qlik Insight Bot in Skype for Business Online (if no Azure Bot is created for SFB Online channel), execute the **Qlik Insight Bot SFB Online Service** setup file in Administrator mode.

Now, Qlik Insight Bot is installed, and services are configured.

Appendix I – Mapping Qlik Sense node host name with its IP address

- 1. Go to QMC > CONFIGURE SYSTEM > Nodes.
- 2. Copy the host name of a Central node (column "Host name").
- 3. Go to "C:\Windows\System32\drivers\etc".
- 4. Open the Host file in text editor in administrator mode.
- 5. Reach to end of the document and put Qlik Sense Server node IP address along with its host name.
- 6. Save and close.

Appendix II – Getting port of PostgreSQL

- 1. Open pgAdmin.
- 2. Right click PostgreSQL 11 server, select Properties.
- 3. Go to **Connection** tab.
- 4. Copy the port.

Appendix III – Change Password of Configuration Application/

Management Console

- 1. If you lost the password for login or you want to change it, launch the Qlik Insight Bot Configuration application.
- 2. Click Change Password.

| ê Login | - | | × |
|------------|--|---------|---|
| - Log In - | alik Insight Bot | | |
| | Email Password | | |
| | Login Cancel Change Password | | |
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3. Enter new **Password**, click **Save**. A password must be at least 8 characters including 1 number and 1 special character.

| Reset Password | | | | |
|------------------|--------|--|--|--|
| Password | | | | |
| ••••• | ••• | | | |
| Confirm Password | | | | |
| ••••• | ••• | | | |
| | | | | |
| Save | Cancel | | | |
| | | | | |

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