**Sayso Bot Deployment On-Premise**

**Note:** There are 3 primary components of a bot in MS Bot Framework namely;

1. Bot ChatUI
2. Bot Connector
3. Bot Service

In order to deploy a bot completely on-premise, one needs to deploy all **3 components** separately into the local server.

**Sayso Deployment:**

Sayso bot also has 3 independent component like mentioned above. These components talk to each other which results a feasible conversation between a user and the bot.

**Prerequisites:**

1. Windows feature Internet Information Services (IIS) should be enabled/checked on server.
2. Under IIS, **Web Management Tools** service should be checked.
3. **IIS** > **World Wide Web Services** > **Application Development Features** > Check all services except CGI.
4. **IISNODE** should be installed on server.
5. **URLREWRITE** should be installed on server.

**Note:** Installation guide of **iisnode** & **urlrewrite** :

https://www.youtube.com/watch?v=JUYCDnqR8p0

**Steps:**

1. Get published package of all 3 components and put them inside a single folder (i.e. **Sites**).
2. Put the folder (Sites) inside **C:\Program Files**.
3. Add a **web.config** file in each of 3 components. (Refer the **config** file from deployed packages).
4. Open IIS Manager > Add 3 new websites > Give site name, assign a unique port number and add physical path (Ex : **C:\Program Files\Sites\chatui)**.
5. Assign address (host URL) of **connector** to domain of botchat UI (in **index.html**).
6. Assign botservice address (host URL) to connector (in **server.js**).
7. Refresh and restart all 3 websites.

**Note** : If there is any permission issue in all or any of the components; then perform the following steps;

Right click on the website > Edit permissions > Security > Edit > Add > Select host location > Add object IIS\_IUSRS > Give full control > Ok

Regarding the connector component; please refer to following URL for more details;

https://www.npmjs.com/package/offline-directline