1. **Enable Test DB access from LCS**

Follow below steps to enable access of the Test DB from specific VM:

Log in in LCS >> Select project

Graphical user interface, application

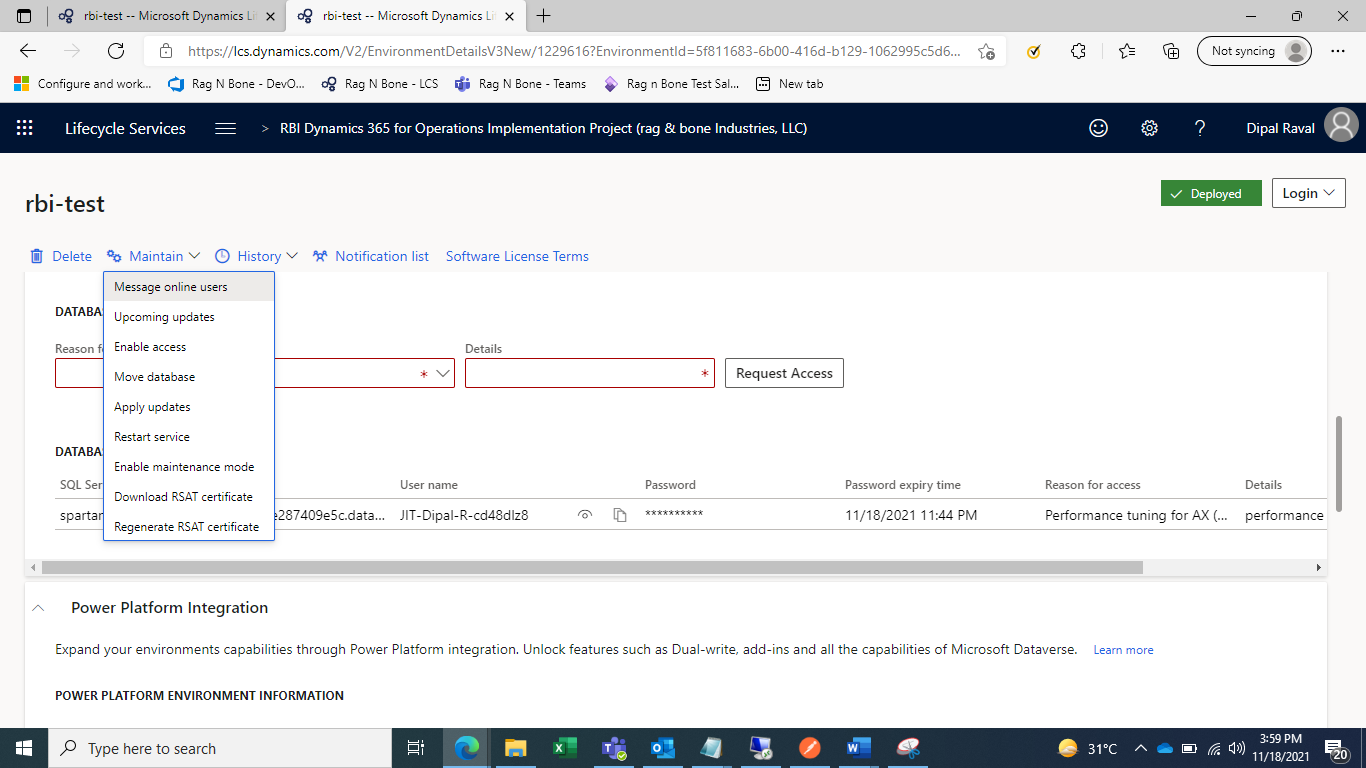
Description automatically generated

Select environment – Full details

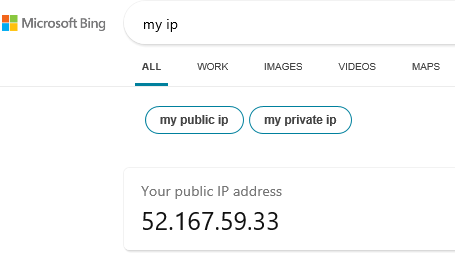
Graphical user interface, text, website

Description automatically generated

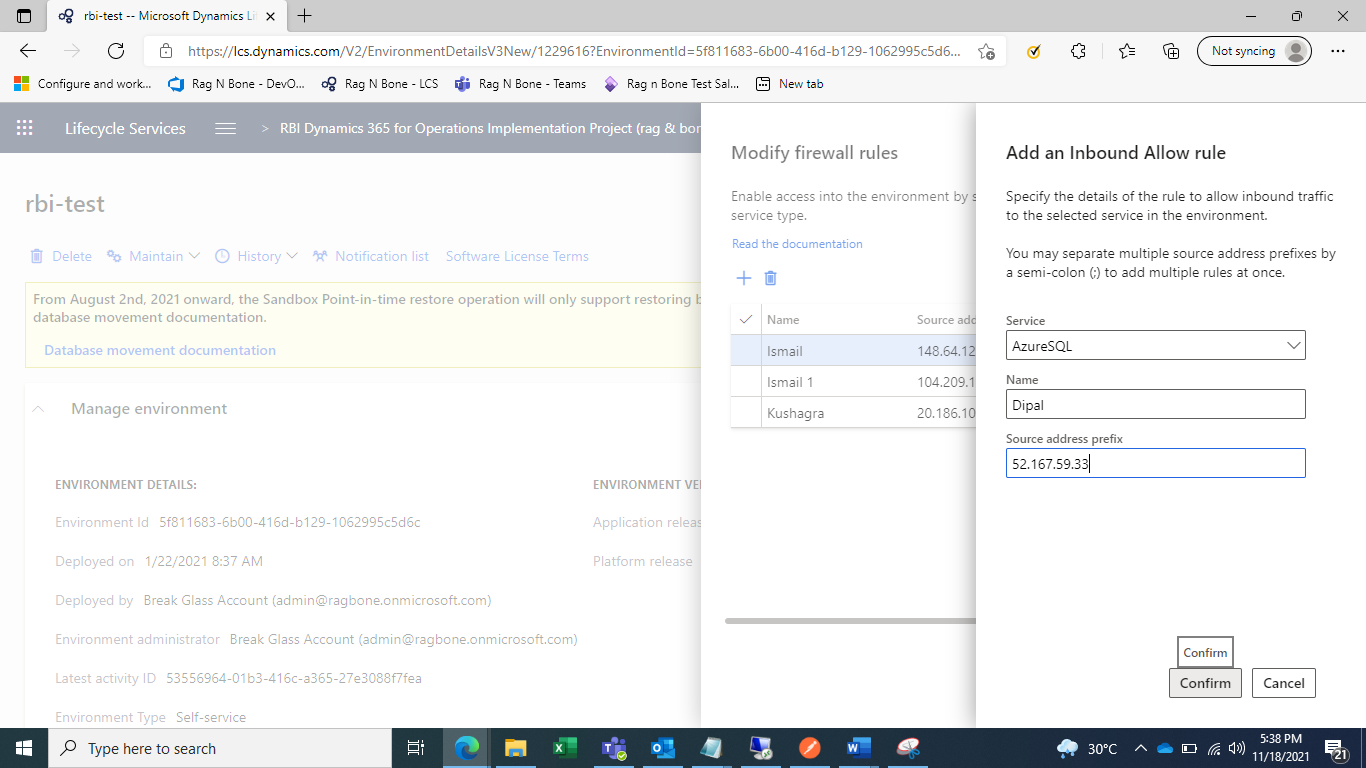
Maintain >> Enable access



Get my ip of the machine (Development VM) on which SQL data is to be accessed



Enter name, IP (ip will be the my ip of the machine received from internet) and confirm



Your access will be added as shown below, Click on close.

Graphical user interface, application, Teams

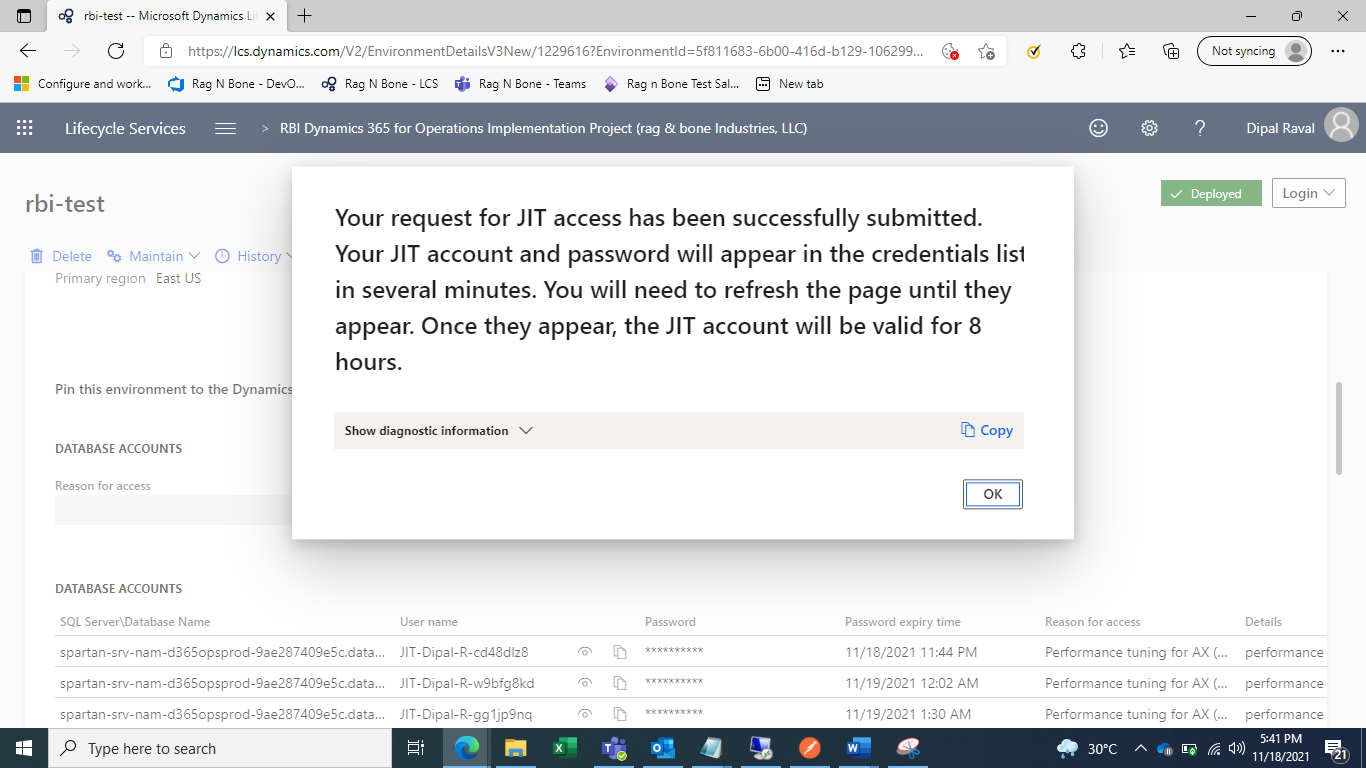
Description automatically generated

Update reason of acces, details and Request access

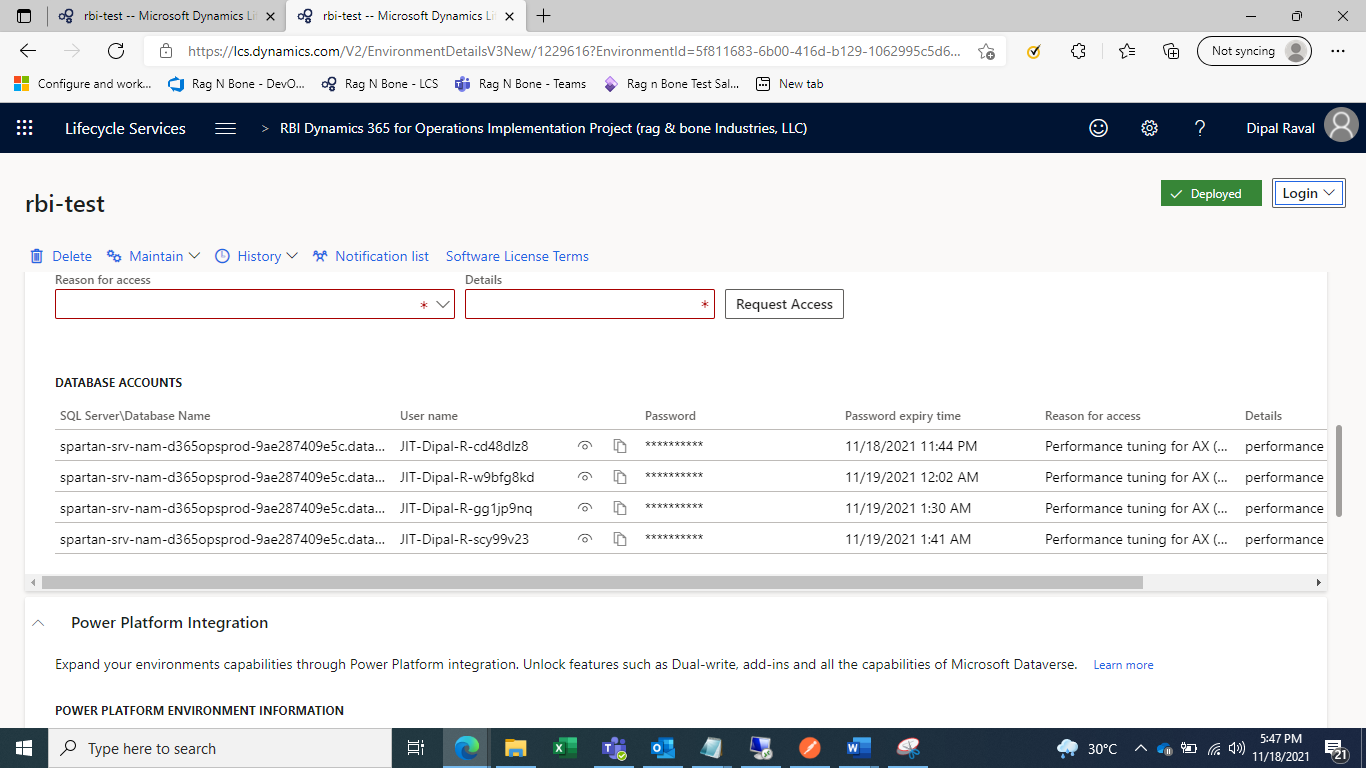
Graphical user interface, application

Description automatically generated

Click ok and refresh the page



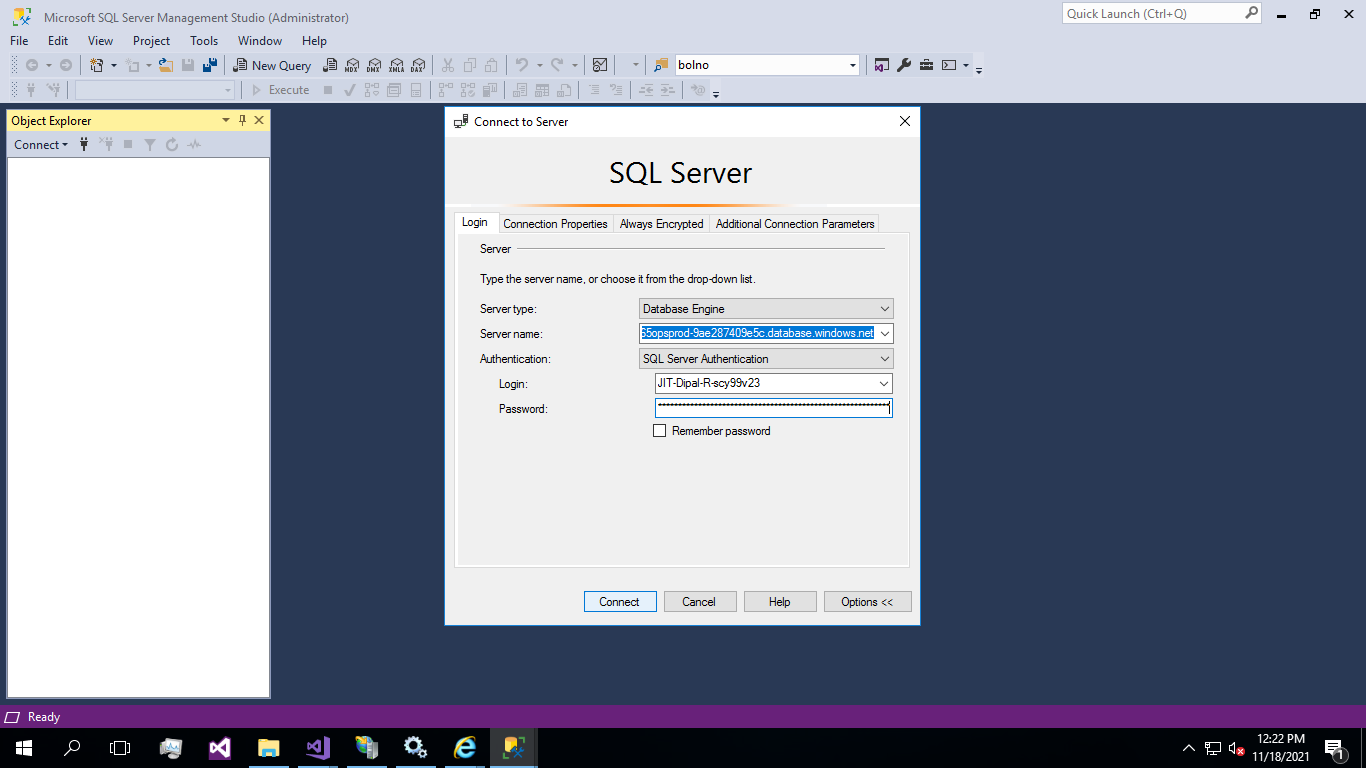
Your credentials will be added as highlighted in the screen below:



Copy server name, database name, username and password from the screen above:

* Server Name: spartan-srv-nam-d365opsprod-9ae287409e5c.database.windows.net
* DB Name: db\_d365opsprod\_rbitest\_ax\_20210904\_10074728\_396a
* Username: JIT-Dipal-R-scy99v23
* Password: 7v#9--c----jXY|gg3BenROAvSn-P--h27QKEOwmNyAEu9Tm9ep\_tQ2z-qszM-eqKViDNDa.Y---tbDaZ7Y3vYx78r

Go to the VM of which ip you have enabled the access, Enter sql access details in sql server as shown in the screen below: You can enter database name by clicking on the option tab.



1. **Web.Config Setup and debug for Test DB**

After enabling access of the SQL DB for development VM, will need to change the SQL DB connection in VM from the local AxDB to Test DB.

Follow below steps to achieve the same:

* Close Visual Studio form the VM
* Take backup of web.config from K:\AosService\WebRoot so that you can replace it again once you are done with the required. Store the web.config in your backup folder
* Again copy the web.config to other project and open it with notepad
* Find for the dataaccess key word and replace server, db name, user, pwd as per the Test DB access details which we got in step-1





* Save and close the config file.
* Replace it at K:\AosService\WebRoot
* Run command prompt as administration and apply iisreset

Text

Description automatically generated

* Open visual studio, set break point
* Run D365 FO from browser, it will point to Test DB

Note: **Opening visual studio before running D365 FO from browser is required.** Then only, it will point to the Test DB since db connection change in web.config will hit only if we open Visual Studio.

* Attach breakpoint in Visual studio using attach to process

Graphical user interface, application

Description automatically generated

Select iisexpress and Attach to attach the breakpoint. If iisexpress not available you can find the process w3wp and attach the same.

Graphical user interface, text

Description automatically generated

Finally, run the flow, it will be pointing to Test DB and you will be able to debug the case.