

**WATSON FOR HEALTHCARE**

**NUTRITIONIST SLACKBOT**

POWERED BY  
**WATSON CONVERSATION AND DISCOVERY**

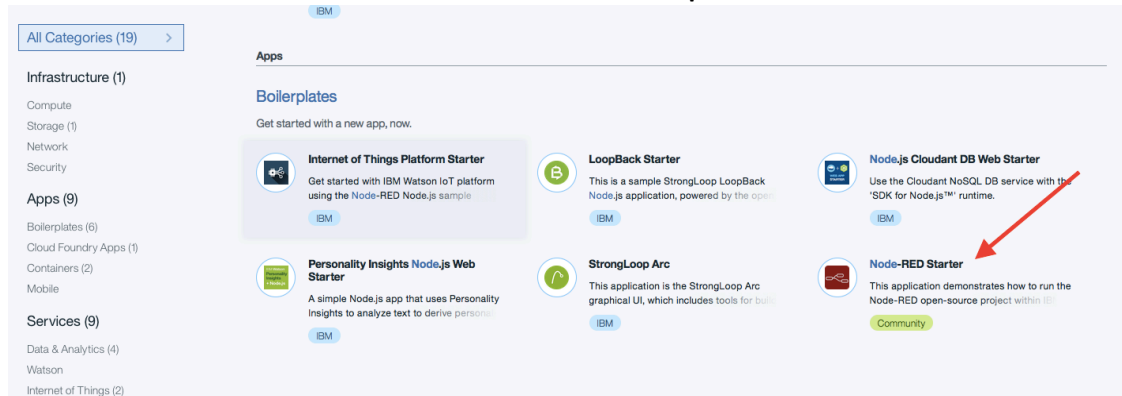
***DO IT YOURSELF!***

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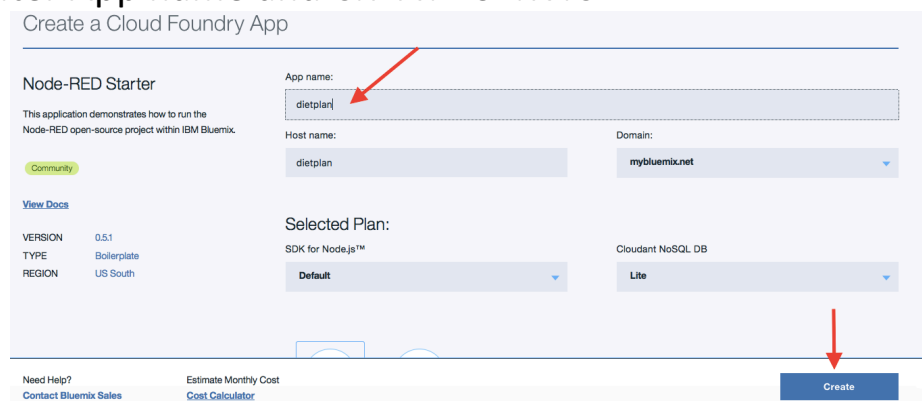
1. SETTING UP APP ON BLUEMIX
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# SETTING UP APP ON BLUEMIX

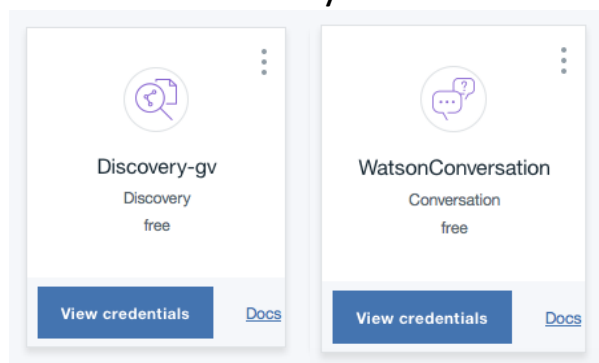
## 1. Select NODE-Red Starter from Boilerplates



## 2. Enter App name and CREATE SERVICE



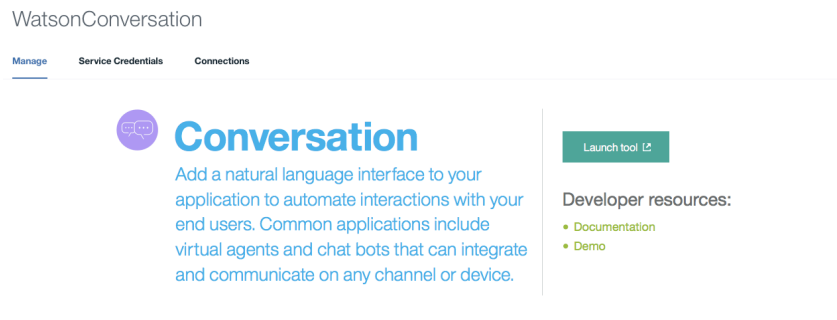
## 3. Bind Conversation & Discovery service to the Node-RED App



**CREATE DISCOVERY SERVICE OUTSIDE THE APPLICATION AND THEN BIND IT TO APPLICATION, OTHERWISE IT WILL THROW ERROR 422**

# CONFIGURE WATSON CONVERSATION

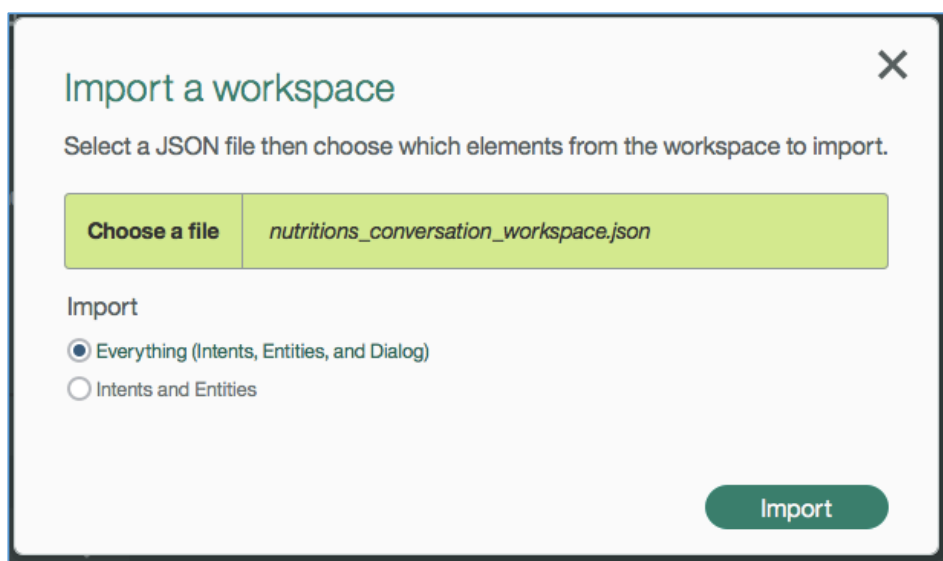
1. Click on Watson Conversation service and **Launch Tool**



2. In workspaces, click on  to import workspace

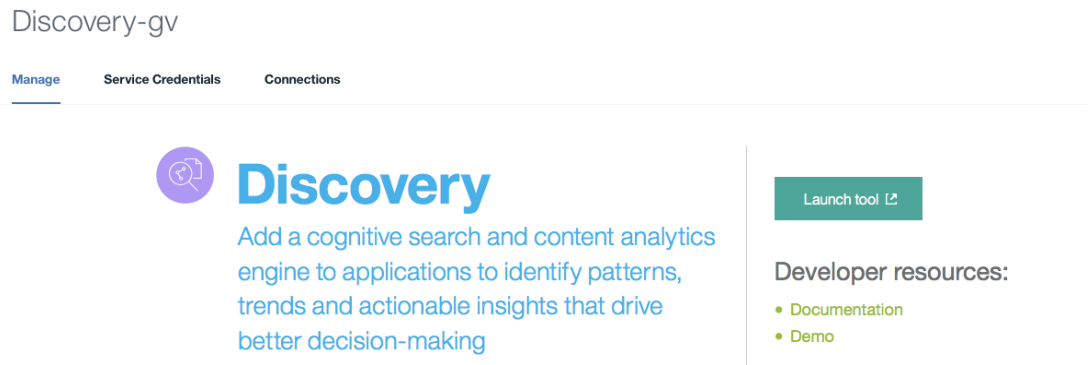


3. Choose file `nutritions_conversation_workspace.json` from [https://github.com/ECODIndia/Watson Healthcare Conversation/tree/master/Nutritions Slackbot discovery](https://github.com/ECODIndia/Watson_Healthcare_Conversation/tree/master/Nutritions_Slackbot_discovery) and Import **Everything** and Click **Import**

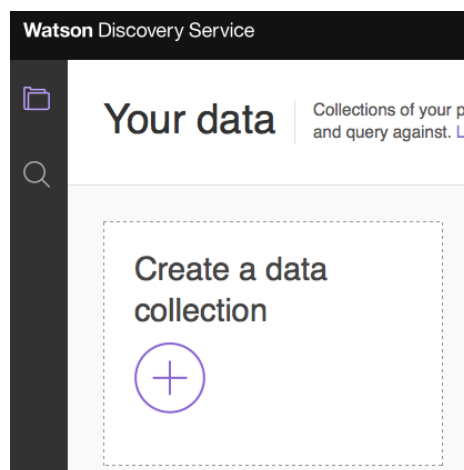


# CONFIGURE WATSON DISCOVERY

## 1. Click on Watson Discovery service and **LAUNCH TOOL**



## 2. Click on **CREATE A DATA COLLECTION**



## 3. Enter Collection name and click on **CREATE**

The screenshot shows a dialog box titled "Name your new collection" with a close button (X) in the top right corner. Inside the dialog, there's a section labeled "Collection name" with a text input field containing the placeholder "Enter name". Below this, there's a section labeled "Select a configuration to apply" with a dropdown menu showing "Default Configuration" and a downward arrow. At the bottom of the dialog, there are two buttons: "Cancel" and "Create".


#### 4. Upload collections from

[https://github.com/ECODIndia/Watson\\_Healthcare\\_Conversation/tree/master/Nutrition Slackbot discovery/collection](https://github.com/ECODIndia/Watson_Healthcare_Conversation/tree/master/Nutrition%20Slackbot%20discovery/collection)

S

**Take a note of collection\_id and environment\_id (required in later steps)**

Your data > nutritional

[Query this collection](#) 

Collection status


Last updated	2/20/2017 1:08:27 am EST
Created	2/20/2017 1:08:27 am EST
Configuration	Default Configuration <a href="#">Switch</a>

---

API information

collection_id	13ae6bf4-16bb-410e-b796-a9704d928f1a
configuration_id	178fc9c7-9f4f-48a4-b76e-14985883914e
environment_id	ae6cd218-ab2d-42da-9ed1-20e4f8d7d125

Add data to this collection



Drag and drop your documents here  
or [browse from computer](#)

Maximum file size: 50MB  
File format: PDF, WORD, HTML, and JSON

Documents available	0
Documents processing	0
Documents failed	0

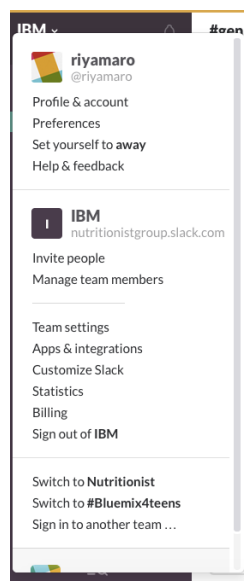
# CONFIGURE SLACK

## 1. CREATE NEW TEAM IN SLACK

- Create a new team in slack <https://slack.com/create#email> by entering your Email ID.
- Enter 6-digit confirmation code that you have received in your Email ID.
- Create new username and password.
- Enter details about your team and company name.
- Choose the address you'll use to sign into Slack (Address has to be unique) and Click on **CREATE TEAM**.
- Review and agree the Terms and Conditions.
- If required, send invitations to your friends or skip it for now.
- Your team is set up! You can enter into your team with the address you had set. For Example: nutritionistgroup.slack.com

## 2. Configure Slash Command in Slack

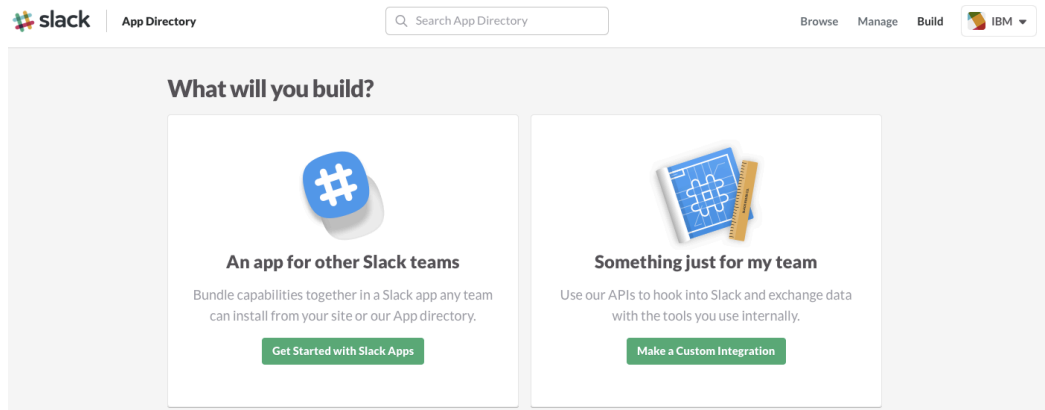
1. Goto your team, In the left side, click as shown below. In the drop down click on **Apps & Integrations**



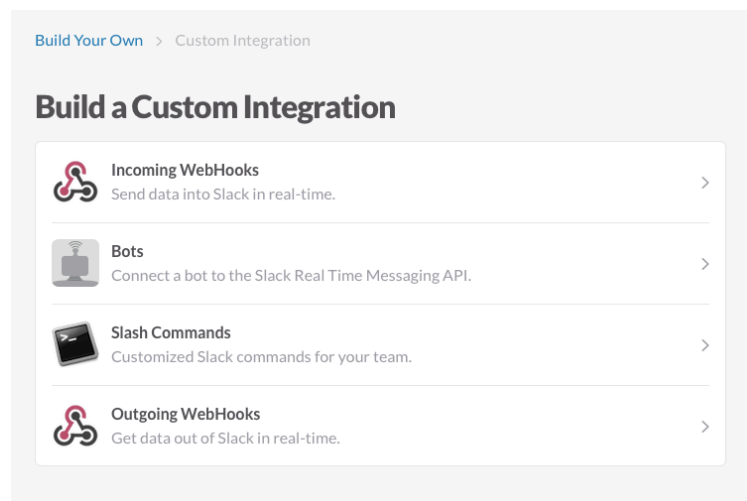
2. Click on Build in the right side



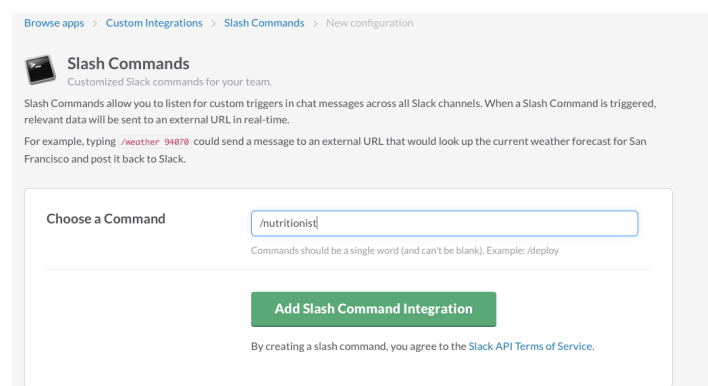
3. Click on Make a Custom Integration as shown in the image below



4. Click on Slash Commands as shown below



5. Choose a name (For Example: /nutritionist) and Add Slash Command Integration





6. URL is your node-red URL with HTTP IN URL appended (Note down your request URL(For example /slack), have to be added in the Node-Red HTTP In node). Method is **POST**.

**Note down TOKEN in notepad (required in later steps)**

### Integration Settings

**Command**

Commands should be a single word (and can't be blank). Example: /deploy

**URL**

The URL to request when the slash command is run.

**Method**

POST

Should we do a POST or GET to the above URLs?

**Token**

This token will be sent in the outgoing payload. You can use it to verify the request came from your Slack team.

[Regenerate](#)


7. Customize Name and Icon as shown in image below

### Customize Name

Choose the username that this integration will post as.


### Customize Icon

Change the icon that is used for messages from this integration.

 or [Use default icon](#)

### Preview Message

Here's what messages from this integration will look like in Slack.

**nutritionist** APP 4:32 PM  
This is what messages from this service will look like in Slack.

### Autocomplete help text

You can add this slash command to the autocomplete list and add some usage hints.

Commands matching "/feedb"

Slack

**/feedback** [your message] [Send feedback to Slack](#)

+

/feedback

😊

8. Edit the description and **SAVE INTEGRATION** as shown in the image above

☒ Show this command in the autocomplete list

Description

High blood pressure diet

A short description of what this slash command does. Example: "Send feedback to Slack"

Usage hint

List any parameters that can be passed. Example: "[your message]"

Escape channels, users, and links

Unescaped: @user #general

Escaped: <@U1234|user> <#C1234|general>

Off

Descriptive Label

Use this label to provide extra context in your list of integrations (optional).

Optional description of this integration

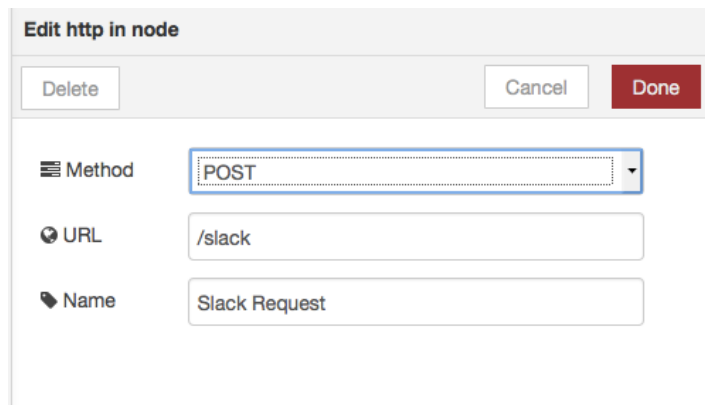
Save Integration

# CONFIGURE NODERED

Import nodes from

[https://github.com/ECODIndia/Watson\\_Healthcare\\_Conversation/blob/master/Nutrition\\_Slackbot\\_discovery/conversation\\_nutritionist\\_nodered.txt](https://github.com/ECODIndia/Watson_Healthcare_Conversation/blob/master/Nutrition_Slackbot_discovery/conversation_nutritionist_nodered.txt) into NODE-RED flow editor

1. Enter the same request URL that you had entered while configuring slash command with Method POST.



**Edit http in node**

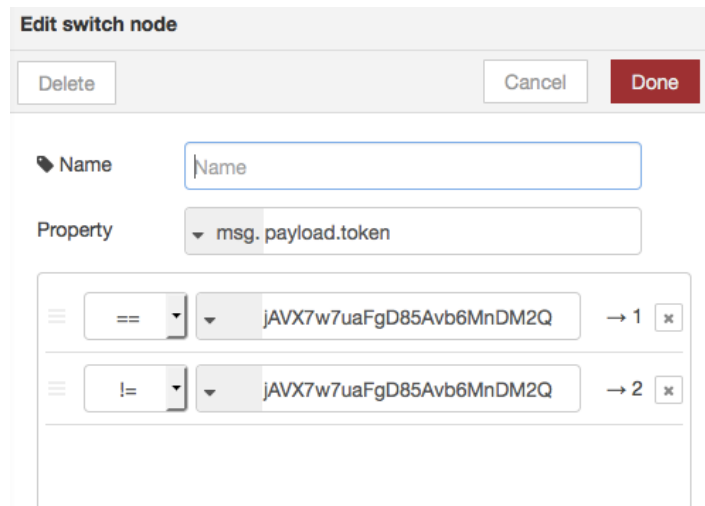
Delete Cancel Done

Method POST

URL /slack

Name Slack Request

2. Enter your token from Slash Command configuration ( as noted in the earlier steps)



**Edit switch node**

Delete Cancel Done

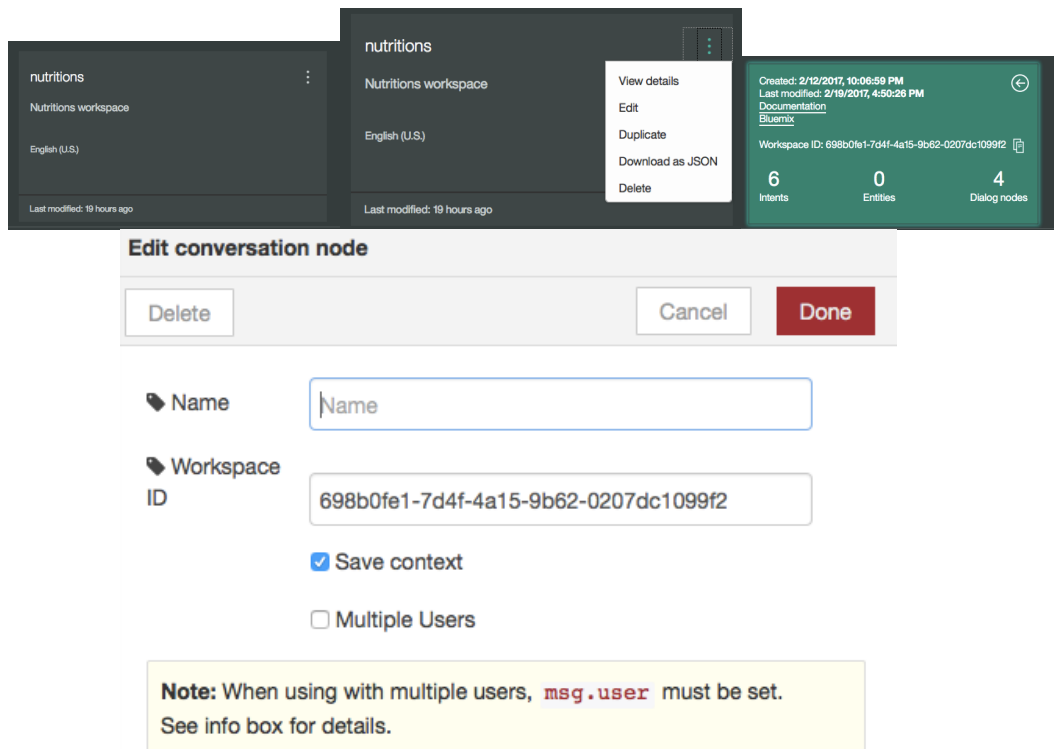
Name Name

Property msg.payload.token

== jAVX7w7uaFgD85Avb6MnDM2Q → 1 x

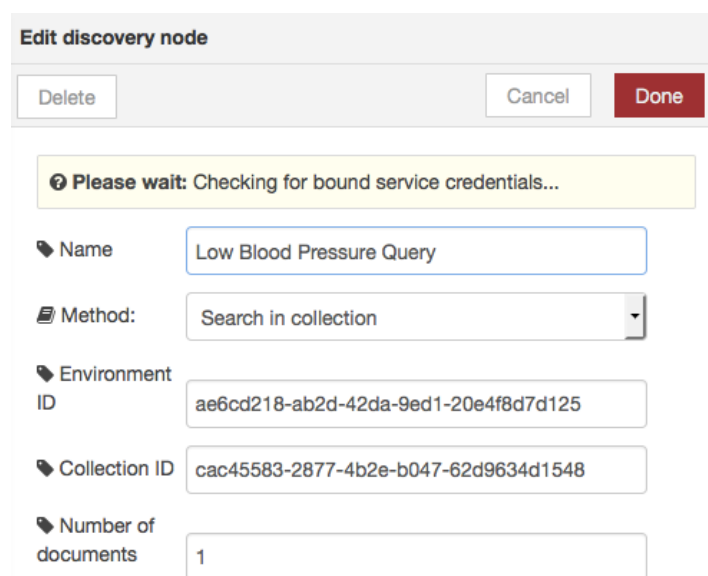
!= jAVX7w7uaFgD85Avb6MnDM2Q → 2 x

3. Enter your conversation **Workspace ID** ( Shown in the Conversation tool in Bluemix→Workspace→View Details)



The screenshot shows the Bluemix Conversation tool interface. At the top, there's a sidebar with 'nutritions' and 'Nutritions workspace'. A context menu is open over the workspace, showing options: 'View details', 'Edit', 'Duplicate', 'Download as JSON', and 'Delete'. To the right, a green panel displays workspace details: 'Created: 2/12/2017, 10:06:59 PM', 'Last modified: 2/19/2017, 4:50:28 PM', 'Documentation: Bluemix', 'Workspace ID: 698b0fe1-7d4f-4a15-9b62-0207dc1099f2', and statistics: 6 Intents, 0 Entities, 4 Dialog nodes. Below this, the 'Edit conversation node' dialog box is open. It has 'Delete', 'Cancel', and 'Done' buttons. The form contains: 'Name' (text input with placeholder 'Name'), 'Workspace ID' (text input with value '698b0fe1-7d4f-4a15-9b62-0207dc1099f2'), a checked 'Save context' checkbox, and an unchecked 'Multiple Users' checkbox. A yellow note box at the bottom states: 'Note: When using with multiple users, msg.user must be set. See info box for details.'

4. Enter your **Environment ID** & **Collection ID** in the **discovery node** (noted in the earlier steps).



The screenshot shows the 'Edit discovery node' dialog box. It has 'Delete', 'Cancel', and 'Done' buttons. A yellow message box at the top says: 'Please wait: Checking for bound service credentials...'. The form contains: 'Name' (text input with value 'Low Blood Pressure Query'), 'Method' (dropdown menu with 'Search in collection' selected), 'Environment ID' (text input with value 'ae6cd218-ab2d-42da-9ed1-20e4f8d7d125'), 'Collection ID' (text input with value 'cac45583-2877-4b2e-b047-62d9634d1548'), and 'Number of documents' (text input with value '1').

5. Click **DEPLOY** in NODE-RED and then go to Slack team. Open any Channels and then type `/<slash-command> Text`



6. You can see the response now!

