

## [REST Provider] WHATSAPP tutorial

WhatsApp is one of the world's most popular **social media messaging apps**, and a popular one in India.

REST Provider offers us an easy way to send messages / alarm notifications from PcVue to WhatsApp.

### Prerequisites: -

- There should be continuous uninterrupted internet connection for the PcVue running PC where Whatsapp need to be configured. Basically, as whatsapp runs with Internet.
- Please look for a legit Whatsapp API provider, so that we get proper details like "**instance key**" & "**API key**" to integrate this accordingly.
- Make sure that the chosen plan of that API shall have unlimited sending messages and specifications as per the requirement.
- The service called SVDb Connect needs to be running.
- In this phase, we used Whatzapi API provider for testing.

[NOTE: -This trail version has limitations like works for 24hrs and limitation in sending multiple members]

### How to install REST ADO.NET Provider: -

1. Download the latest provider version from FTP.
2. Unzip the file: sv-adonet-provider\_REST\_XXXXX.msi (XXX for the latest version).
3. Install the file like usual .exe file.

#### **The installation is complete !!**

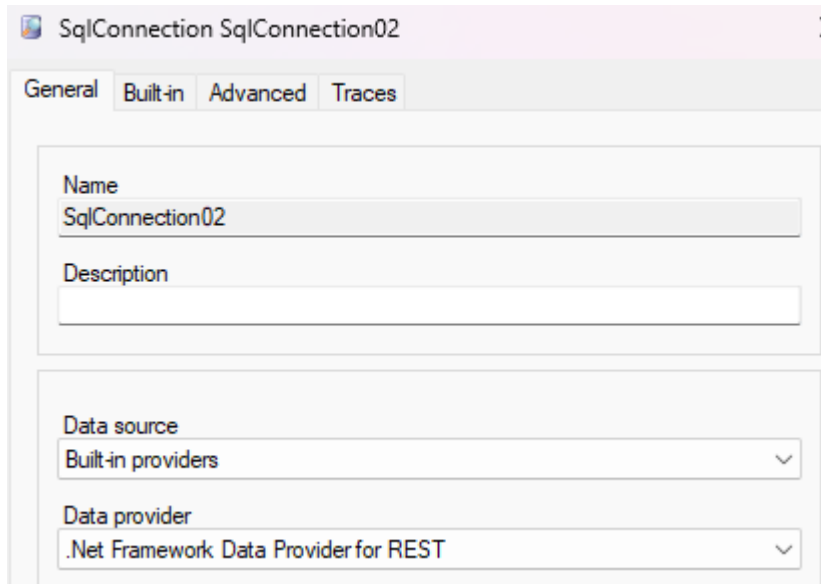
The provider is now visible in PcVue SQL Connection (Data source: Built-in providers).

### Steps to do on Whatzapi side: -

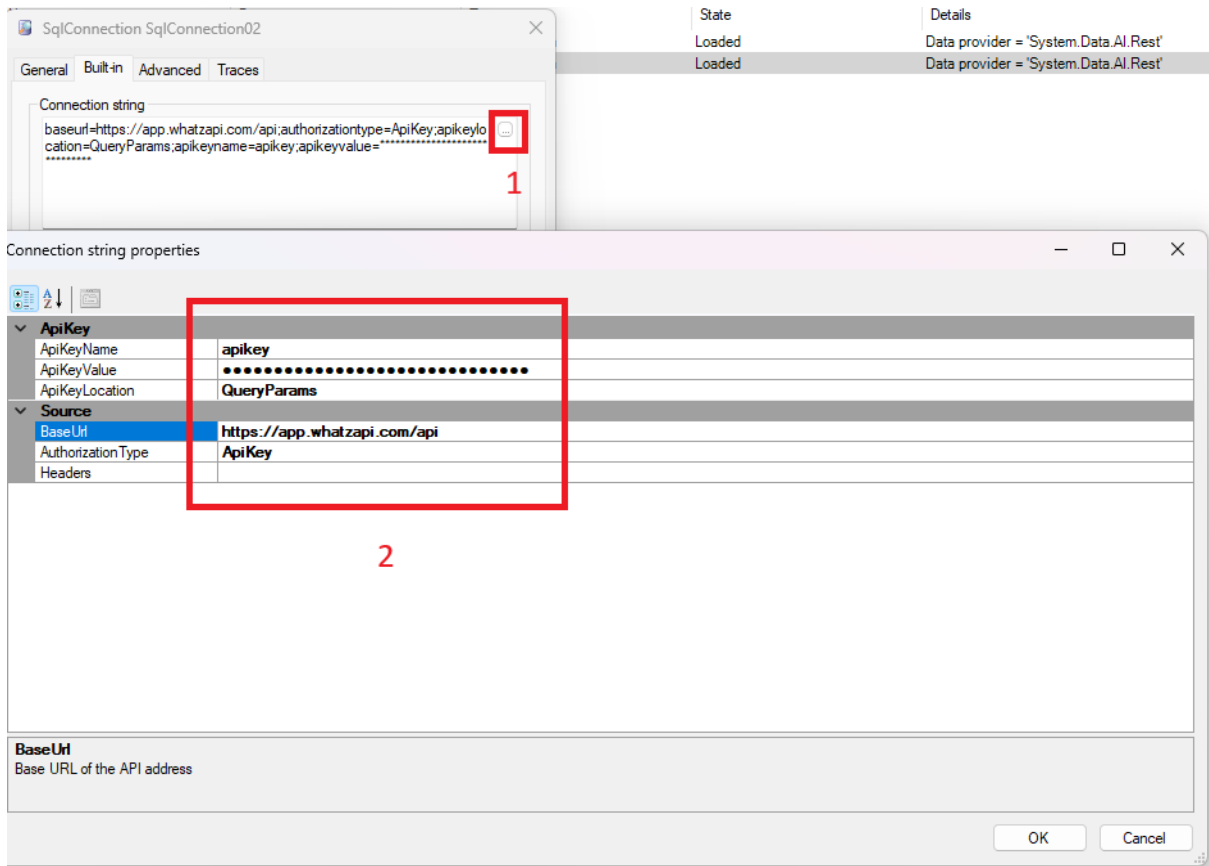
1. Go to <https://app.whatzapi.com/auth/login.php> and SIGN UP.
2. After SIGN UP, you will receive a whatsapp message with login credentials.
3. Login with the user credentials received on the whatsapp.
4. Go to Device tab, Generate QR code and scan the QR showing in the whatzapi account with your whatsapp account.
5. Then, you will see the account is connected and you can find the details like "**instance key**" & "**API key**" in the **API tab** in whatzapi account.

## Steps to do on PcVue side: -

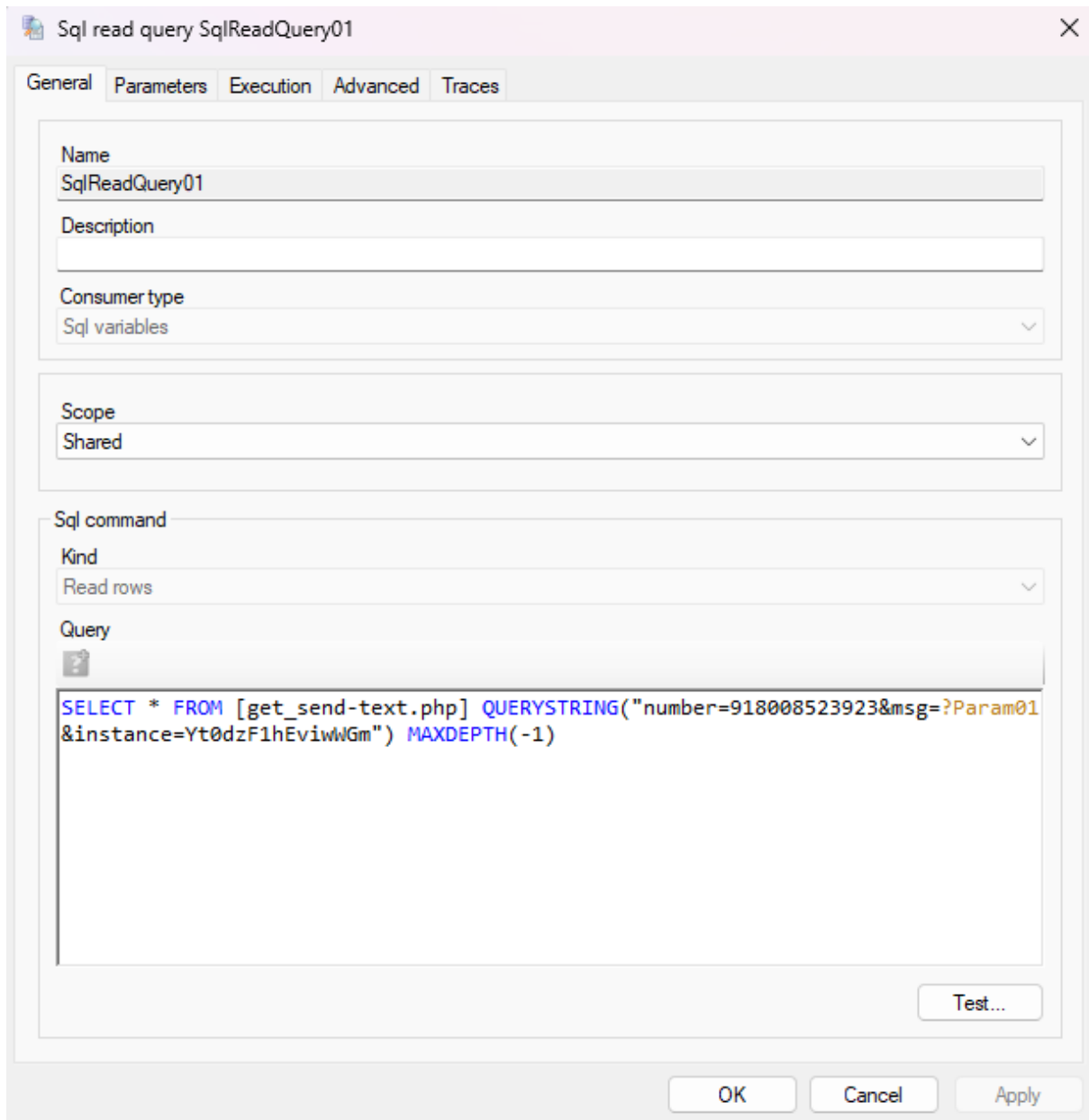
1. Run PcVue and go to Configure -> Application Explorer -> General -> Data Connections.
2. Now add a new SQL connection.
3. Select **Built-in-providers** in **Data Source** option.
4. Select **.Net Framework Data Provider for REST** in **Data Provider** option.



5. Now, Go to **Built-In** tab and fill the parameters as like shown below.



6. You will find the ApikeyValue in the Whatzapi account.
7. Now add **SqlReadQuery01** as follows:



8. Example of Query is:

```
SELECT * FROM [get_send-text.php] QUERYSTRING("number=[enter mobile number with code in prefix]&msg=?Param01 &instance=[enter instance key which can be found from whatzapi account]") MAXDEPTH(-1)
```

**NOTE: -**

*Maxdepth(-1) allows the provider to avoid parsing the response from the server. It is necessary because as of now Whatzapi does not respond with a valid JSON.*

9. You can able to TEST this query clicking on the button and enter some text in **?Param01** parallel **textbox**, this will send you the message to the provided whatsapp number.

10. There is a possibility to send whatsapp messages to multiple numbers using query like:

```
SELECT * FROM [get_send-text.php] QUERYSTRING("number=[enter mobile number with code in prefix] &number=[enter mobile number with code in prefix] &msg=?Param01 &instance=[enter instance key which can be found from whatzapi account]") MAXDEPTH(-1)
```

11. And finally coming to Trigger part, you will have options like:

