**Send Mail Using SMTP Server**

# Setting the Gmail Account

First, we need to set up the Gmail Account with 2FA.

Right Click on the mail Icon and click on Manage Your Google Account.

Graphical user interface, text, application, chat or text message

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On the Next Screen Click on the Security option and click 2-Step Verification .

Note : By Default, the 2-Step Verification IS off

Graphical user interface, text, application, email

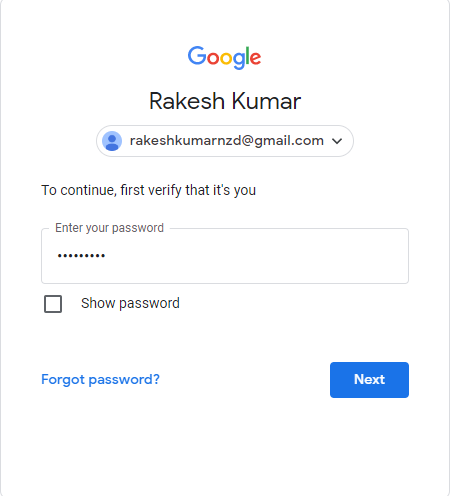
Description automatically generated

Click On Get Started.

Graphical user interface, text, application

Description automatically generated

Give the Password for Gmail and click on next.



Click the Shown number in your mobile and Verify.

Graphical user interface, text, application

Description automatically generated

Click on Continue.

Graphical user interface, text, application, email

Description automatically generated

Enter Your Mobile Number and click on next

Graphical user interface, text, application, email

Description automatically generated

Give the OTP which is sent in the Mobile and click on Next.

Graphical user interface, text, application

Description automatically generated

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Enter your OTP

Click on Turn On.

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Again it prompt for the Gmail Password , give the Password and click on next.

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Click on Turn ON.

Graphical user interface, text, application

Description automatically generated

In the Last step you will find an option App Passwords

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Select the Other in the App

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Give the Name to the App And click on Generate.

Graphical user interface, text, application, email

Description automatically generated

Your Password will be generated copy the password .

Note: Once You Close the window you are not able to see the password again So please save the password Somewhere.

Another way is to again create the App and regenerate and use that password.

Graphical user interface, application

Description automatically generated

Your Password Here

# Configuring axis2

Goto the <MI-HOME>/conf/axi2/axi2.xml file.

Add the following in the transport sender tags.

<transportSender name="mailto" class="org.apache.axis2.transport.mail.MailTransportSender">

<parameter name="mail.smtp.host">smtp.gmail.com</parameter>

<parameter name="mail.smtp.port">587</parameter>

<parameter name="mail.smtp.starttls.enable">true</parameter>

<parameter name="mail.smtp.auth">true</parameter>

<parameter name="mail.smtp.user">username</parameter>

<parameter name="mail.smtp.password">smtp password</parameter>

<parameter name="mail.smtp.from">emaild</parameter>

</transportSender>

Replace the username,smtp password,emailed with your credentials.

Add th below tag in transport receiver.

<transportReceiver name="mailto" class="org.apache.axis2.transport.mail.MailTransportListener">

Create a new Rest API .

Set a new Property as message type and the value = text/html.

Graphical user interface, text, application, email

Description automatically generated

Drag a payload mediator and give a tag as text.

Graphical user interface, text, application, email

Description automatically generated

Add a send mediator and inside the send mediator add a address mediator.

Give the mail id of whom you want to mail along with mailto: in the URL Section.

Graphical user interface, application

Description automatically generated

Export the API Artifact in the CAR File And Run the Server.

Go to the Post Man and see the response.

# Sample API Configuration Code.

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<api context=*"/smtpMail"* name=*"SMTP\_Mail\_API"* xmlns=*"http://ws.apache.org/ns/synapse"*>

<resource methods=*"GET"*>

<inSequence>

<log description=*"Welcome Log"*/>

<property description=*"text/html"* name=*"messageType"* scope=*"axis2"* type=*"STRING"* value=*"text/html"*/>

<payloadFactory media-type=*"xml"*>

<format>

<ns:text xmlns:ns=*"http://ws.apache.org/commons/ns/payload"*>

Hi Team this is a sample Mail to demonstrate how to send emails through email.

</ns:text>

</format>

<args/>

</payloadFactory>

<send>

<endpoint>

<address uri=*"mailto:ajay.akula@knotsolutions.com"*>

<suspendOnFailure>

<initialDuration>-1</initialDuration>

<progressionFactor>-1</progressionFactor>

<maximumDuration>0</maximumDuration>

</suspendOnFailure>

<markForSuspension>

<retriesBeforeSuspension>0</retriesBeforeSuspension>

</markForSuspension>

</address>

</endpoint>

</send>

</inSequence>

<outSequence/>

<faultSequence/>

</resource>

</api>

References: <https://apim.docs.wso2.com/en/latest/tutorials/integration-tutorials/using-the-gmail-connector/>