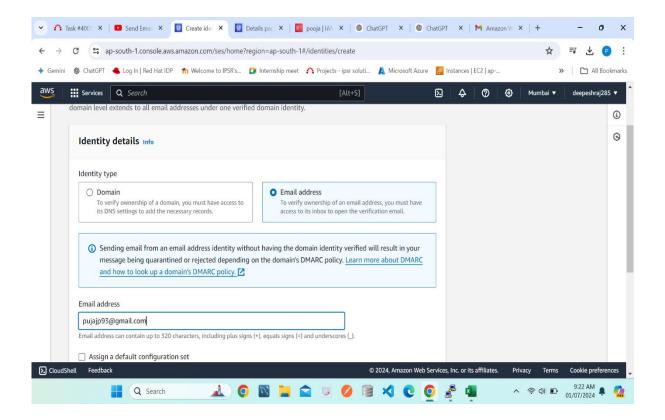
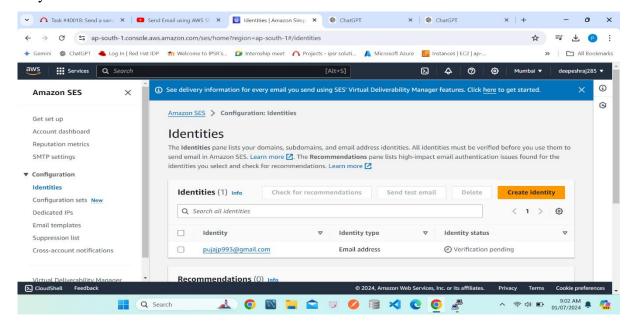
Send a Sample Email in PHP Using SES

GOAL: send an email to the verified address using aws-SES with php

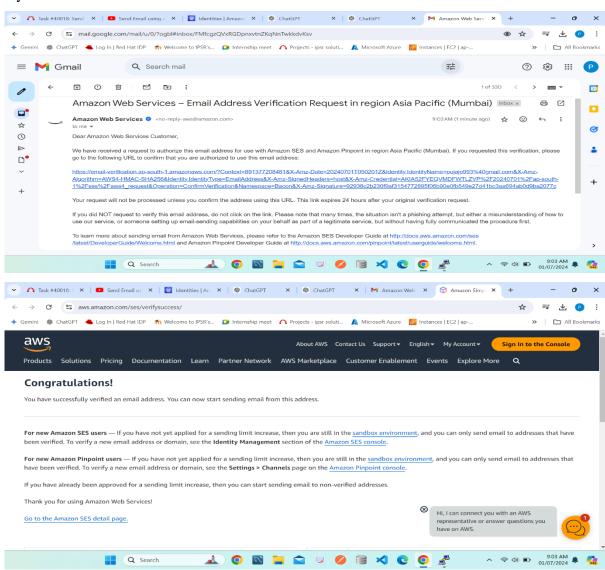
- 1. verify the recipient address inside simple email service [SES].
- 2. Get your smpt credentials (from SES console)
- 3. install php and other required dependencies in your machine
- 4. try to send mail by creating and executing a php file [refer aws docs for the information about the file and its contents]
- 1. Launch AWS Linux instance and configure necessary storage group such as inbound rule SMTP (25) and outbound rule port no 587 (SMTP with TLS).
- 2. Verify the Recipient and sender email Address in Simple Email Service (SES)
 - open the Amazon SES console
 - In the left navigation pane, choose Identity Management and create identity
 - Then Click on the email id and Verify a New Email Address button.
 - Amazon SES will send a verification email to the specified address. Open the email and click on the verification link.



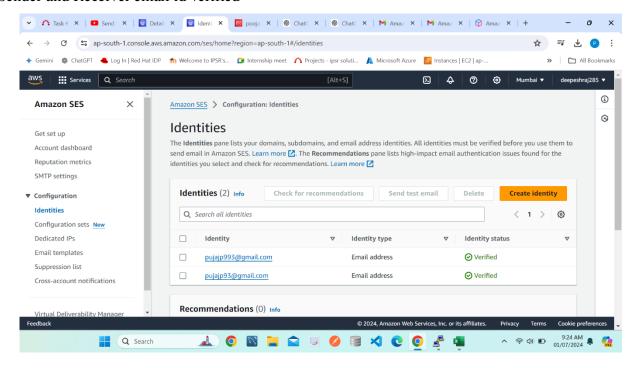
Identity Created



Verify the email

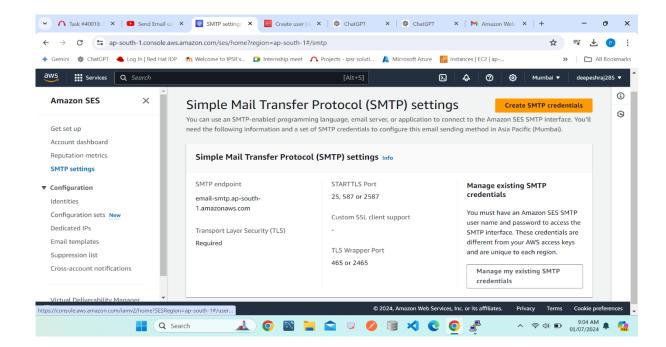


Sender and Receiver email id verified

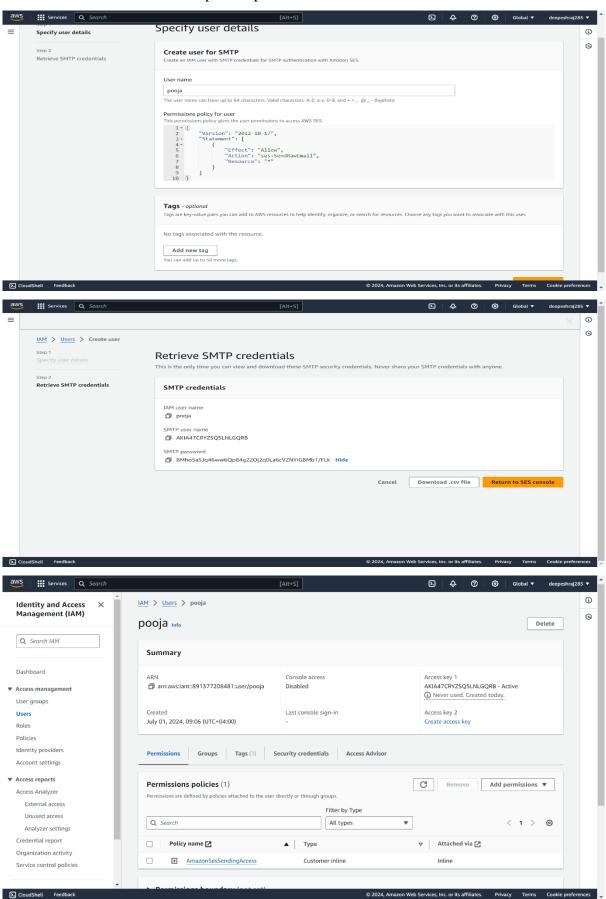


3. Get Your SMTP Credentials from SES Console

- Open the Amazon SES console
- In the left navigation pane, choose SMTP Settings.
- Click on Create My SMTP Credentials.
- Follow the on-screen instructions to create an IAM user with SES-specific permissions. Note down the SMTP username and password provided.



Create an IAM user with SES-specific permissions

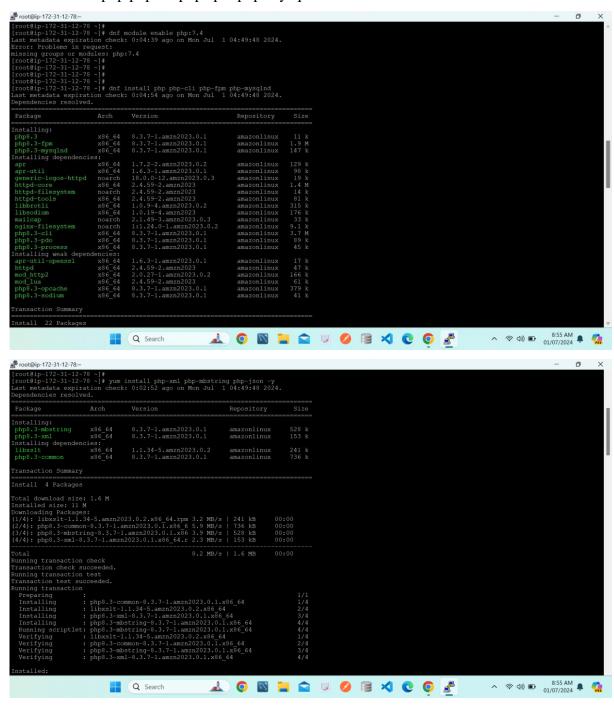


- 4. Install PHP and Other Required Dependencies on Your Machine
- Enable the PHP 7.4 module:

dnf module enable php:7.4

• Install PHP 7.4:

dnf install php php-cli php-fpm php-mysqlnd



- 5. Install PHPMailer via Compose
 - Download the Composer installer script:

php -r "copy('https://getcomposer.org/installer', 'composer-setup.php');"

• Run the installer script to install Composer in /usr/local/bin with the filename composer

php composer-setup.php --install-dir=/usr/local/bin --filename=composer

• Then, install PHPMailer

composer require phpmailer/phpmailer

```
| Composer | Composer
```

6. Create and execute a PHP File to Send Email

Create a PHP file send_email.php in the email-sender directory and add the necessary content to email.

```
[root@ip-172-31-12-78 email-sender] # vi send_email.php
[root@ip-172-31-12-78 email-sender] # vi send_email.php
[root@ip-172-31-12-78 email-sender] #

**root@ip-172-31-12-78 email-sender] #

**root@ip-172-3
```

7. Run the PHP script

php send_email.php

```
[root@ip-172-31-12-78 email-sender]# php send_email.php Message has been sent[root@ip-172-31-12-78 email-sender]# [root@ip-172-31-12-78 email-sender]#
```

8. Check and verify by Recipient email

