Steps to configure AWS SDK with PHP

Step 1 : Please go to "/var/www/html" folder location – in WebServer

Step 2 : Create a file - composer.json – (vi composer.json)

Step 3 : Paste below content in the same file

```
{
  "require": {
    "aws/aws-sdk-php": "^3.0"
  }
}
```

Step 4 : Execute below commands to install the required packages

```
dnf install php-cli
dnf install php-json
php -r "copy('https://getcomposer.org/installer', 'composer-setup.php');"
php composer-setup.php
php -r "unlink('composer-setup.php');"
mv composer.phar /usr/local/bin/composer
composer install
```

Step 5 : Now create a file called main_s3.php in "/var/www/html" location and paste below PHP code in the same file.

```php
ini_set('display_errors', 1);
error_reporting(E_ALL);


<!DOCTYPE html>
<html>
<head>
  <title>User Data Collection</title>
</head>
<body>
<?php
// AWS S3 configuration
$bucket = 'aws-faceprep';
$region = 'ap-south-1';

// MySQL database configuration
$servername = "192.168.30.9";
$username = "FACEPrep";
$password ="FACEPrep@123";
$dbname = "udc";

use Aws\S3\S3Client;
use Aws\Exception\AwsException;

// Create a database connection
$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection
```

```php
if ($conn->connect_error) {
    die('Connection failed: ' . $conn->connect_error);
}

if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    // Collect user data
    $name = $_POST['name'];
    $age = $_POST['age'];
    $country = $_POST['country'];

    // Insert data into the MySQL database
    $sql = "INSERT INTO users (name, age, country) VALUES ('$name', $age, '$country')";
    if ($conn->query($sql) === TRUE) {
        echo 'User data has been successfully stored in the database.<br>';
    } else {
        echo 'Error: ' . $sql . '<br>' . $conn->error;
    }

    // Handle file upload to S3
    if ($_FILES['userfile']['error'] === UPLOAD_ERR_OK) {
        $tempFile = $_FILES['userfile']['tmp_name'];
        $s3Key = 'uploads/' . basename($_FILES['userfile']['name']);

        require 'vendor/autoload.php'; // Include the AWS SDK for PHP




        $s3 = new S3Client([
            'version' => 'latest',
            'region' => $region,
            'credentials' => [
                'key' => ' AKIAXYKJTN27MPH7LNE6',
                'secret' => ' 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',
            ],
        ]);

        try {
            $s3->putObject([
                'Bucket' => $bucket,
                'Key' => $s3Key,
                'Body' => fopen($tempFile, 'r'),
                'ACL' => 'public-read',
            ]);

            echo 'File is valid, and it has been successfully uploaded to S3.<br>';
        } catch (AwsException $e) {
            echo 'Error uploading file to S3: ' . $e->getMessage() . '<br>';
        }
    } else {
        echo 'File upload failed.<br>';
    }
}
?>
<h2>S3 Based – User Info Collector</h2>
<form method="post" enctype="multipart/form-data">
    Name: <input type="text" name="name"><br>
```

```
    Age: <input type="number" name="age"><br>
    Country: <input type="text" name="country"><br>
    File Upload: <input type="file" name="userfile"><br>
    <input type="submit" value="Submit">
</form>
<?php
// Close the database connection
$conn->close();
?>
</body>
</html>
```