

Simulate Object Storage in your local machine.

Here test scenario is on Windows machine. For Linux machine similar steps can be performed.

- Visit <https://github.com/minio/minio>
- download Minio (scroll down to binary download for Windows)
- place minio.exe in desired location on your local machine eg: d:\minio.exe
- create a directory for the data – eg. d:\objStore\data
- to start Minio server just run the following command:

`d:\minio.exe server d:\objStore\data` (“server” is case sensitive)

```
D:\devops>minio.exe server obj_store\data
Endpoint: http://192.168.43.235:9000 http://169.254.34.156:9000 http://169.254.10.120:9000 http://169.254.118.68:9000
0 http://10.172.67.36:9000 http://192.168.56.1:9000 http://192.168.128.1:9000 http://127.0.0.1:9000
AccessKey: minioadmin
SecretKey: minioadmin

Browser Access:
http://192.168.43.235:9000 http://169.254.34.156:9000 http://169.254.10.120:9000 http://169.254.118.68:9000 http://10.172.67.36:9000 http://192.168.56.1:9000 http://192.168.128.1:9000 http://127.0.0.1:9000

Command-line Access: https://docs.min.io/docs/minio-client-quickstart-guide
$ mc.exe alias set myminio http://192.168.43.235:9000 minioadmin minioadmin

Object API (Amazon S3 compatible):
Go: https://docs.min.io/docs/golang-client-quickstart-guide
Java: https://docs.min.io/docs/java-client-quickstart-guide
Python: https://docs.min.io/docs/python-client-quickstart-guide
JavaScript: https://docs.min.io/docs/javascript-client-quickstart-guide
.NET: https://docs.min.io/docs/dotnet-client-quickstart-guide
Detected default credentials 'minioadmin:minioadmin', please change the credentials immediately using 'MINIO_ACCESS_KEY' and 'MINIO_SECRET_KEY'
```

Endpoint: `http://127.0.0.1:9000`

A web-browser can be used to access Minios Server running on local system using one of the provided links (eg. `http://127.0.0.1:9000`). The login-page will prompt to input the AccessKey and the SecretKey.

Default will be

AccessKey : minioadmin

SecretKey : minioadmin

Changes in PHP Project:

aws-sdk-php is the official AWS SDK for the PHP programming language. In this recipe we will learn how to use aws-sdk-php with NIC Object Storage server.

Install aws-sdk-php from AWS SDK for PHP official docs from below url

https://docs.aws.amazon.com/sdk-for-php/v3/developer-guide/getting-started_installation.html

For Windows machine .. visit **Installing by Using the ZIP file** section.

[download the .zip file](#), and then extract it into your project at a location you choose. Then include the autoloader in your scripts, as follows.

```
<?php
    require '/path/to/aws-autoloader.php';
?>
```

And then aws api can be used as per requirement.

For NIC projects, ready-made scripts in **objStoreSaveRetrieveExampleCode.zip** is provided to assist developers. These scripts can be directly placed inside project and utilized as per requirement.