

# New User Guide

## Command Line Interface (CLI) Access

### For Penn Users

#### *Initial Setup*

1. Install [AWS CLI](#)

2. Install the pennshib Python library:

```
pip install git+ssh://git@bitbucket.org/codeforpenn/pennshib.git
```

3. Install the awsshlib Python library:

```
pip install git+ssh://git@bitbucket.org/codeforpenn/awsshlib.git
```

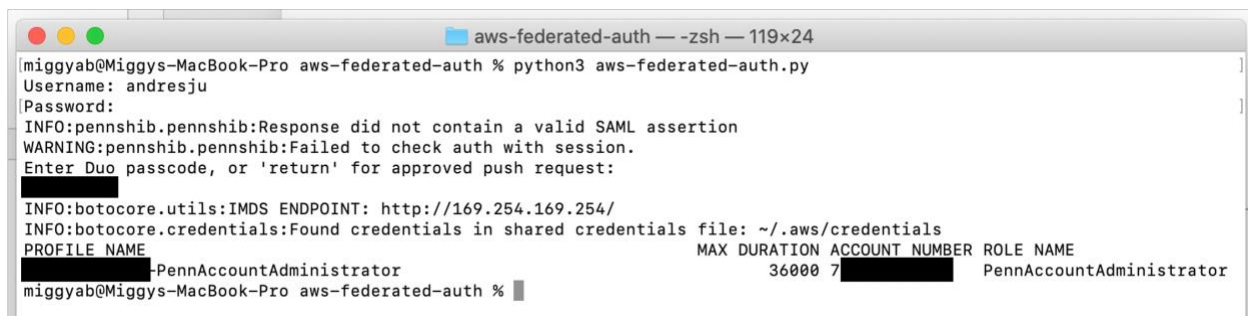
4. Download Penn's [Federated Login Authentication script](#)

#### *Logging In*

1. Launch the script on your command line interface:

```
python3 aws-federated-auth.py
```

2. You will be prompted for your PennKey and password, and then a one-time password (OTP) via text or the Duo app, so be sure to have your phone on-hand.
3. Once logged in, you will be provided your Profile Name.



```
[miggyab@Miggys-MacBook-Pro aws-federated-auth % python3 aws-federated-auth.py
Username: andresju
Password:
INFO:pennshib.pennshib:Response did not contain a valid SAML assertion
WARNING:pennshib.pennshib:Failed to check auth with session.
Enter Duo passcode, or 'return' for approved push request:
[REDACTED]
INFO:botocore.utils:IMDS ENDPOINT: http://169.254.169.254/
INFO:botocore.credentials:Found credentials in shared credentials file: ~/.aws/credentials
PROFILE NAME                                MAX DURATION  ACCOUNT NUMBER  ROLE NAME
[REDACTED]-PennAccountAdministrator         36000 7 [REDACTED]  PennAccountAdministrator
miggyab@Miggys-MacBook-Pro aws-federated-auth %
```

4. Export your profile name in order for AWS CLI to recognize your login.

For Linux/macOS: `export AWS_PROFILE=[your whole PROFILE NAME]`

For Windows: `setx AWS_PROFILE [your whole PROFILE NAME]`

5. You are now logged in and are free to use AWS CLI commands as needed.

### For Non-Penn Users

1. Install [AWS CLI](#)
2. The system administrator has sent you your credentials along with this guide.
3. On your command line interface, configure AWS CLI with your Access Key ID and Secret Access Key:

```
aws configure
```

```
AWS Access Key ID: [enter your Access key ID]
```

```
AWS Secret Access Key: [enter your Secret access key]
```

```
Default region name: us-east-1
```

```
Default output format: json
```

4. You are now logged in and are free to use AWS CLI commands as needed.