

Connecting to aws account using aws_okta_keyman library

1. First install aws_okta_keyman
`pip install aws_okta_keyman`
2. Open Command Prompt and command:
`cd C:\Users\mohamka\AppData\Local\Programs\Python\Python39\Scripts`
3. `aws_okta_keyman config`
4. After pressing enter, it will ask for okta org and username. Give **org name** and **your username** for corresponding fields.

```
aws_okta_keyman config
10:23:44 (INFO) AWS Okta Keyman 🐙 v0.9.0
10:23:44 (INFO) Interactive setup requested
```

```
What is your Okta Organization subdomain?
Example; for https://co.okta.com enter 'co'
```

```
Okta org: <your-org-name>
```

```
What is your Okta user name?
If it is mohamka you can leave this blank.
```

```
Username: your_okta_username
```

```
Next we can optionally configure your AWS integrations. This is not
required as the AWS integrations can be picked up automatically from
Okta. If you would prefer to list only specific integrations or prefer
to specify the friendly names yourself you can provide the following
information. You will be prompted to continue providing integration
details until you provide a blank response to the app ID. If you are
unsure how to answer these questions just leave the app ID blank.
```

```
What is your AWS integration app ID?
Example; 0oaciCS01d8/123
App ID:
```

5. Leave the App ID blank and continue.
6. For finishing configuration, type
`aws_okta_keyman`
7. Give password and MFA code.
8. After running that command, type and run the following:
`aws sts assume-role --role-arn arn:aws:iam::<account-number>:role/<role-name> --role-session-name "mohamka" --duration-seconds 3600`

This will login to aws console and switch the role to “<role-name>” and create access key and secret key along with security token. That token is valid for 3600 seconds.

9. Then goto “C:\Users\username\.aws” and open the credentials file using notepad.
10. Copy paste access_key_id and secret_access_key.
11. Copy the security token and paste it in both “aws_security_token” and “aws_session_token”.

12. Open VSCode and install aws extension.
13. Choose the region and run the programs.