

LAB - Create IAM Access Keys and Configure AWS CLI:

The screenshot shows the AWS IAM User Details page for a user named 'user1_viaya'. The 'Summary' section displays the ARN (arn:aws:iam::686699774218:user/user1_viaya), which was created on January 19, 2026, at 13:56 (UTC+01:00). It indicates 'Console access Enabled without MFA' and 'Last console sign-in Never'. A link to 'Create access key' is present. The 'Permissions' tab is selected, showing one policy attached: 'IAMUserChangePassword' (AWS managed, Directly). The left sidebar includes links for Identity and Access Management (IAM) like Dashboard, Access Management (Users, Roles, Policies, Identity providers, Account settings, Root access management, Temporary delegation requests), and Access reports (Access Analyzer, Resource analysis).

The screenshot shows the 'Create access key' wizard, Step 3: 'Retrieve access keys'. A note at the top states: 'This is the only time that the secret access key can be viewed or downloaded. You cannot recover it later. However, you can create a new access key any time.' The 'Access key' section shows the access key 'AKIAZ7YT7AEFCP7KMFPI' and the secret access key, which is masked with asterisks. The 'Access key best practices' section lists several guidelines: 'Never store your access key in plain text, in a code repository, or in code.', 'Disable or delete access key when no longer needed.', 'Enable least-privilege permissions.', and 'Rotate access keys regularly.' At the bottom are 'Download .csv file' and 'Done' buttons.

Install AWS CLI

```
vijayagagla@DESKTOP-FP40P26:~$ sudo apt install awscli  
[sudo] password for vijayagagla:  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
Package awscli is not available, but is referred to by another package.  
This may mean that the package is missing, has been obsoleted, or  
is only available from another source  
  
E: Package 'awscli' has no installation candidate
```

```
vijayagagla@DESKTOP-FP40P26:~$ sudo snap install aws-cli --classic  
2026-01-19T14:11:02+01:00 INFO Waiting for automatic snapd restart...  
aws-cli (v2/stable) 2.33.2 from Amazon Web Services (aws/) installed  
vijayagagla@DESKTOP-FP40P26:~$ aws --version  
aws-cli/2.33.2 Python/3.13.11 Linux/5.15.167.4-microsoft-standard-WSL2 exe/x86_64.ubuntu.24  
vijayagagla@DESKTOP-FP40P26:~$ |
```

Configure AWS CLI

```
vijayagagla@DESKTOP-FP40P26:~$ aws configure  
AWS Access Key ID [None]: AKIAZ7YT7AEFCP7KMFPI  
AWS Secret Access Key [None]: 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  
Default region name [None]: us-east-1  
Default output format [None]: json
```

Verify AWS CLI Configuration

```
vijayagagla@DESKTOP-FP40P26:~$ aws s3 ls  
2026-01-06 09:00:29 2048-ci-cd-artifacts-nidhal-2026  
2025-11-20 11:52:17 ansible-ssm-1763635934-hydra  
2025-11-19 23:26:20 ansible-ssm-temp-1763591178  
2025-11-21 17:15:45 aws-photo-bucket-yacine  
2025-11-22 22:34:35 neeha-meta-args-data-db13867f  
2025-11-22 22:34:35 neeha-meta-args-protected-dede4ee2  
2025-11-18 19:10:01 project1-max-fotios  
vijayagagla@DESKTOP-FP40P26:~$ |
```