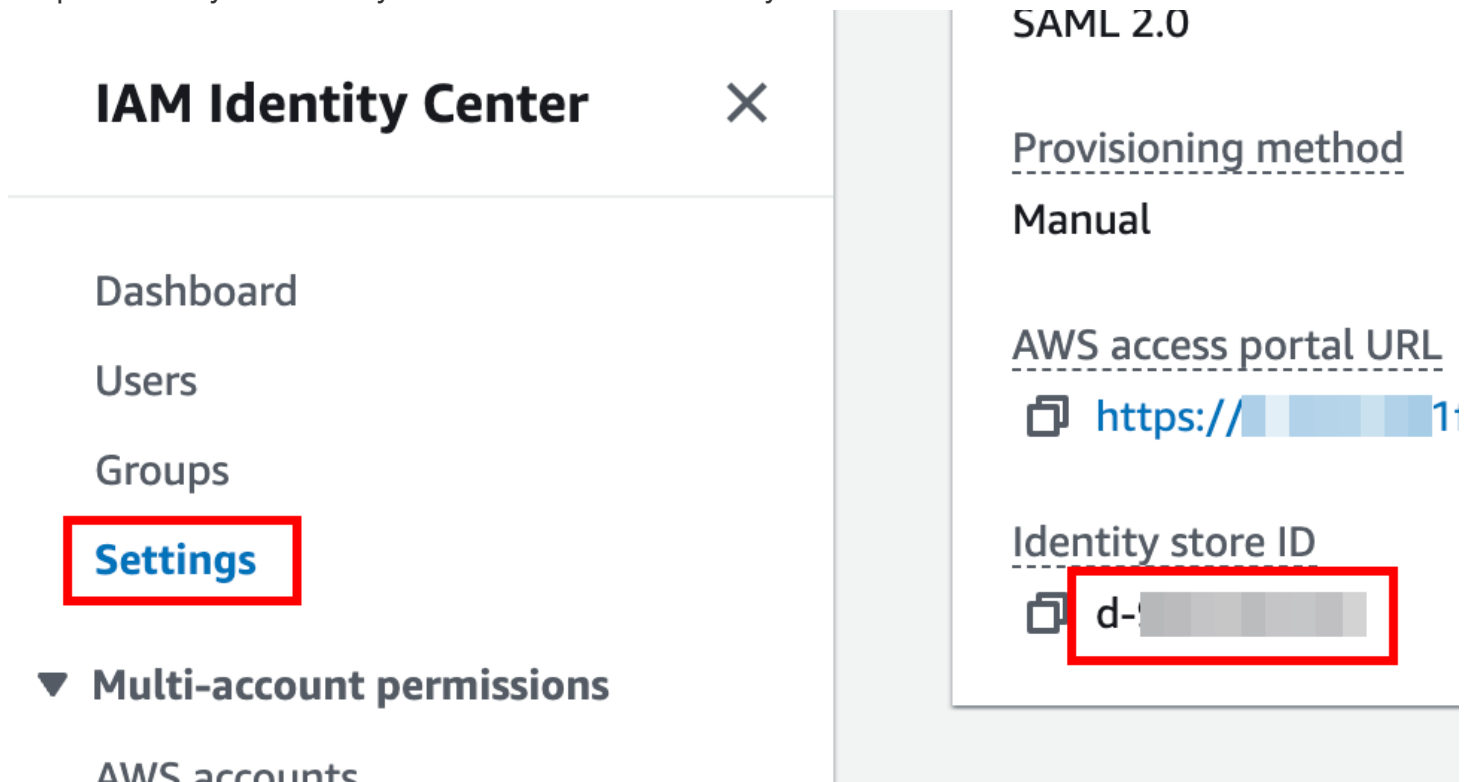# Export AWS Identity Center users by group

Overview

To use AWS CLI identitystore command
(https://awscli.amazonaws.com/v2/documentation/api/latest/reference/identitystore/index.html#cli-aws-identitystore) to export users from AWS Identity Center
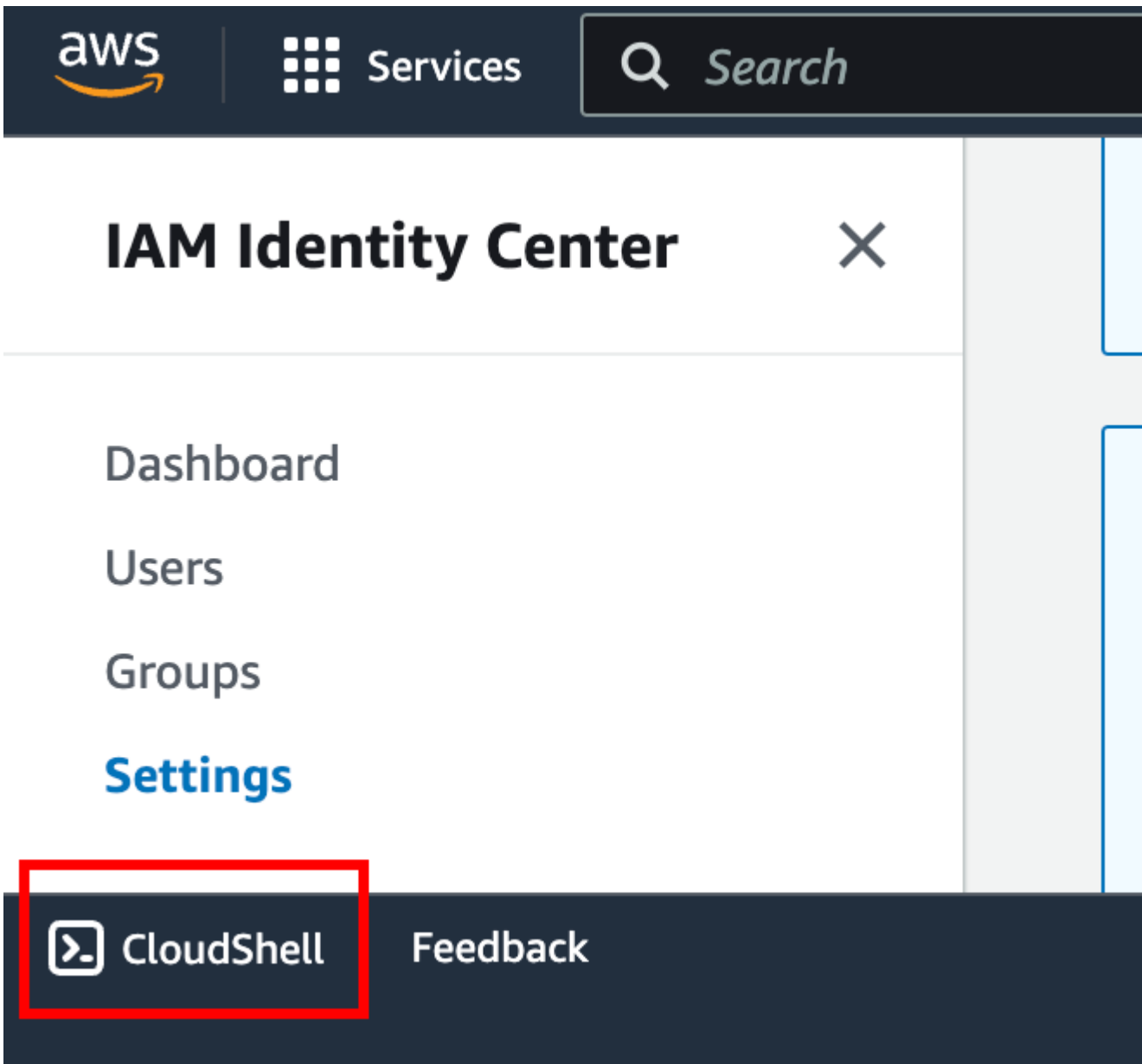
Identity IAM Identity Store

Step 1: Login to the AWS Identity Center https://console.aws.amazon.com/singlesignon/home

Step 2: Identify the identity store ID from AWS Identity Center

Step 3: In AWS console, open up a CloudShell

Export existing groups and memberships

Step 1: Get all users with command list-users

```
$ aws identitystore list-users --identity-store-id d-9667681fac --query "Users[*].UserI
```

Example of the outputs:

```
[
    "392a554c-4081-7032-4079-8e2ed39ec17f",
    "597aa51c-e0b1-704b-c6df-3d2ff54b3151"
]
```

Step 2: For each user IDs, get user details with command describe-user

```
$ aws identitystore describe-user --identity-store-id d-9667681fac --user-id 597aa51c-e(
```

Example of the outputs:

```
{
    "UserName": "richard+1@doit.com",
    "UserId": "597aa51c-e0b1-704b-c6df-3d2ff54b3151",
    "Name": {
        "FamilyName": "Kang",
        "GivenName": "Richard+1"
    },
    "DisplayName": "Richard+1 Kang",
    "Emails": [
        {
            "Value": "richard+1@doit.com",
            "Type": "work",
            "Primary": true
        }
    ],
    "IdentityStoreId": "d-9667681fac"
}
```

Step 3: For each user IDs, get group membership with command list-group-memberships-for-member

```
$ aws identitystore list-group-memberships-for-member --identity-store-id d-9667681fac
```

Example outputs:

```
[
    "59aa957c-7031-70ee-53c0-09a20cb50471",
    "093a753c-2031-70b7-83c4-7db4118b7e38"
]
```

Step 4: Get group details with command describe-group

```
$ aws identitystore describe-group --identity-store-id d-9667681fac  --group-id 59aa957
"Developer group 1"
```

Create users and groups in new AWS Organization

Identity the Identity Store in the new AWS Organzation from steps described in Identity IAM Identity Store

Step 1: Create user group with command create-group

Step 2: Create users with command create-user

Step 3: Create the relationship between user and group with command create-group-membership