



**DEPARTMENT OF SOFTWARE ENGINEERING**

**LAB#13**

**SUBMITTED TO:**

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**SUBMITTED BY: NEHA AMJAD**

**REG NO: 2021-BSE-024**

```
~  
~ $ aws iam create-group --group-name SoftwareEngineering  
{  
    "Group": {  
        "Path": "/",  
        "GroupName": "SoftwareEngineering",  
        "GroupId": "AGPAYGZVAOQU4IFINDSLL",  
        "Arn": "arn:aws:iam::564362507305:group/SoftwareEngineering",  
        "CreateDate": "2026-01-19T07:41:21+00:00"  
    }  
}  
~ $ █
```

```
J  
~ $ aws iam get-group --group-name SoftwareEngineering  
{  
    "Users": [],  
    "Group": {  
        "Path": "/",  
        "GroupName": "SoftwareEngineering",  
        "GroupId": "AGPAYGZVAOQU4IFINDSLL",  
        "Arn": "arn:aws:iam::564362507305:group/SoftwareEngineering",  
        "CreateDate": "2026-01-19T07:41:21+00:00"  
    }  
}  
~ $ █
```

```
~ $ aws iam create-user --user-name NehaAmjad  
{  
    "User": {  
        "Path": "/",  
        "UserName": "NehaAmjad",  
        "UserId": "AIDAYGZVAOQUY5ZDDSOWE",  
        "Arn": "arn:aws:iam::564362507305:user/NehaAmjad",  
        "CreateDate": "2026-01-19T07:43:13+00:00"  
    }  
}  
~ $ █
```

```
~ $ aws iam get-user --user-name NehaAmjad
{
  "User": {
    "Path": "/",
    "UserName": "NehaAmjad",
    "UserId": "AIDAYGZVAOQUY5ZDDSOWE",
    "Arn": "arn:aws:iam::564362507305:user/NehaAmjad",
    "CreateDate": "2026-01-19T07:43:13+00:00"
  }
}
~ $ █
```

```
}
```

```
~ $ aws iam add-user-to-group --user-name NehaAmjad --group-name SoftwareEngineering
~ $ 
~ $ █
```

```
~ $ aws iam get-group --group-name SoftwareEngineering
{
  "Users": [
    {
      "Path": "/",
      "UserName": "NehaAmjad",
      "UserId": "AIDAYGZVAOQUY5ZDDSOWE",
      "Arn": "arn:aws:iam::564362507305:user/NehaAmjad",
      "CreateDate": "2026-01-19T07:43:13+00:00"
    }
  ],
  "Group": {
    "Path": "/",
    "GroupName": "SoftwareEngineering",
    "GroupId": "AGPAYGZVAOQU4IFINDSLL",
    "Arn": "arn:aws:iam::564362507305:group/SoftwareEngineering",
    "CreateDate": "2026-01-19T07:41:21+00:00"
  }
}
~ $ █
```

```

~ $ aws iam list-policies --scope AWS --query "Policies[?PolicyName=='AdministratorAccess']"
[
  {
    "PolicyName": "AdministratorAccess",
    "PolicyId": "ANPAIWMBCKSKIE64ZLYK",
    "Arn": "arn:aws:iam::aws:policy/AdministratorAccess",
    "Path": "/",
    "DefaultVersionId": "v1",
    "AttachmentCount": 4,
    "PermissionsBoundaryUsageCount": 0,
    "IsAttachable": true,
    "CreateDate": "2015-02-06T18:39:46+00:00",
    "UpdateDate": "2015-02-06T18:39:46+00:00"
  }
]
~ $ █

```

```

~ $ aws iam attach-group-policy --group-name SoftwareEngineering --policy-arn arn:aws:iam::aws:policy/AdministratorAccess
~ $ █

```

```

~ $ aws iam attach-group-policy --group-name SoftwareEngineering --policy-arn arn:aws:iam::aws:policy/AdministratorAccess
~ $ aws iam list-attached-group-policies --group-name SoftwareEngineering
{
  "AttachedPolicies": [
    {
      "PolicyName": "AdministratorAccess",
      "PolicyArn": "arn:aws:iam::aws:policy/AdministratorAccess"
    }
  ]
}
~ $ █

```

**User groups (1)** [Info](#)

A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.

Search		Group name	Users	Permissions	Creation time
<input type="checkbox"/>	<a href="#">SoftwareEngineering</a>	<input checked="" type="checkbox"/>	1	<a href="#">Defined</a>	5 minutes ago

[Create group](#)

[AWS](#) | [Search](#) [Alt+S] [Global](#) Neha (5643-6230-7305) Neha

[IAM](#) > [User groups](#) > [SoftwareEngineering](#)

**SoftwareEngineering** [Info](#)

[Delete](#) [Edit](#)

**Summary**

User group name: SoftwareEngineering | Creation time: January 19, 2026, 12:41 (UTC+05:00)

**ARN**: arn:aws:iam:564362507305:group/SoftwareEngineering

**Users (1)** [Permissions](#) [Access Advisor](#)

**Users in this group (1)**

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS.

Search		User name	Groups	Last activity	Creation time
<input type="checkbox"/>	<a href="#">NehaAmjad</a>	<input checked="" type="checkbox"/>	1	None	3 minutes ago

Screenshot of the AWS IAM User Groups page showing the SoftwareEngineering group.

**SoftwareEngineering Info**

**Summary**

User group name: SoftwareEngineering

Creation time: January 19, 2026, 12:41 (UTC+05:00)

ARN: arnawsiam:564562507305:group/SoftwareEngineering

**Permissions**

Permissions policies (1) [Info](#)

You can attach up to 10 managed policies.

Filter by Type: All types

Policy name	Type	Attached entities
AdministratorAccess	AWS managed - job function	5

[Simulate](#) [Remove](#) [Add permissions](#)

**Users** (1) [Info](#)

**Access Advisor**

**Dashboard**

**Identity and Access Management (IAM)**

- [User groups](#)
- [Users](#)
- [Roles](#)
- [Policies](#)
- [Identity providers](#)
- [Account settings](#)
- [Root access management](#)
- [Temporary delegation requests](#)
- [Unused access](#)

**Access Management**

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**Access reports**

- [Access Analyzer](#)
- [Resource analysis](#)
- [Unused access](#)