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COS20019 – Cloud Computing Architecture - Wk6: ACF Lab 1: Intro to AWS IAM

**Task 1 - Explore the Users and Groups**

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Three IAM users (user-1 to user-3) have been created by the lab.

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The summary page for user-1. There are no permissions.

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The Groups tab for user-1, which is also empty.

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In the security credentials tab, user-1 is assigned a console password.

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The User groups page shows three groups created by the lab.

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The summary page for EC2-Support group.

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The Permissions tab for EC2-Support shows a managed policy named AmazonEC2ReadOnlyAccess.

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S3-Support group has a managed policy named AmazonS3ReadOnlyAccess.

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EC2-Admin has an inline policy named EC2-Admin-Policy.

**Task 2 - Add Users to Groups**

**Add user-1 to the S3-Support Group**

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In the Users tab for S3-Support, select user-1 and click add users.

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user-1 has been successfully added to S3-Support group.

**Add user-2 to the EC2-Support Group**

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Description automatically generated with medium confidence**



In the Users tab for EC2-Support, select user-2 and click add users.

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user-2 has been successfully added to EC2-Support group.

**Add user-3 to the EC2-Admin Group**

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In the Users tab for EC2-Admin, select user-3 and click add users.

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user-3 has been successfully added to EC2-Admin group.

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In the User groups panel, each group now has a user.

**Task 3 - Sign-In and Test Users**

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In the IAM dashboard, copy and paste the sign-in URL for IAM users into an incognito tab.

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Logging in as the user-1.

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user-1 can view the S3 bucket, which contains no content.

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user-1 cannot view the EC2 instances since they are not authorized.

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After signing out, log in again as user-2.

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user-2 is able to view the instances; however, they cannot stop them since they are not authorized.

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user-2 does not have permission to view S3 buckets.

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After signing out, log back in as user-3.

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Description automatically generated with medium confidence



user-3 has permission to stop the EC2 instance.