

Lab 4: Working with EBS

Name : Abdul Qadir

Roll # : MSDS21045

Authentication Issue

In Task 6: Restore the Amazon EBS Snapshot
I am unable to restore the volume using snapshot.

I am having permission error.

I have tried to

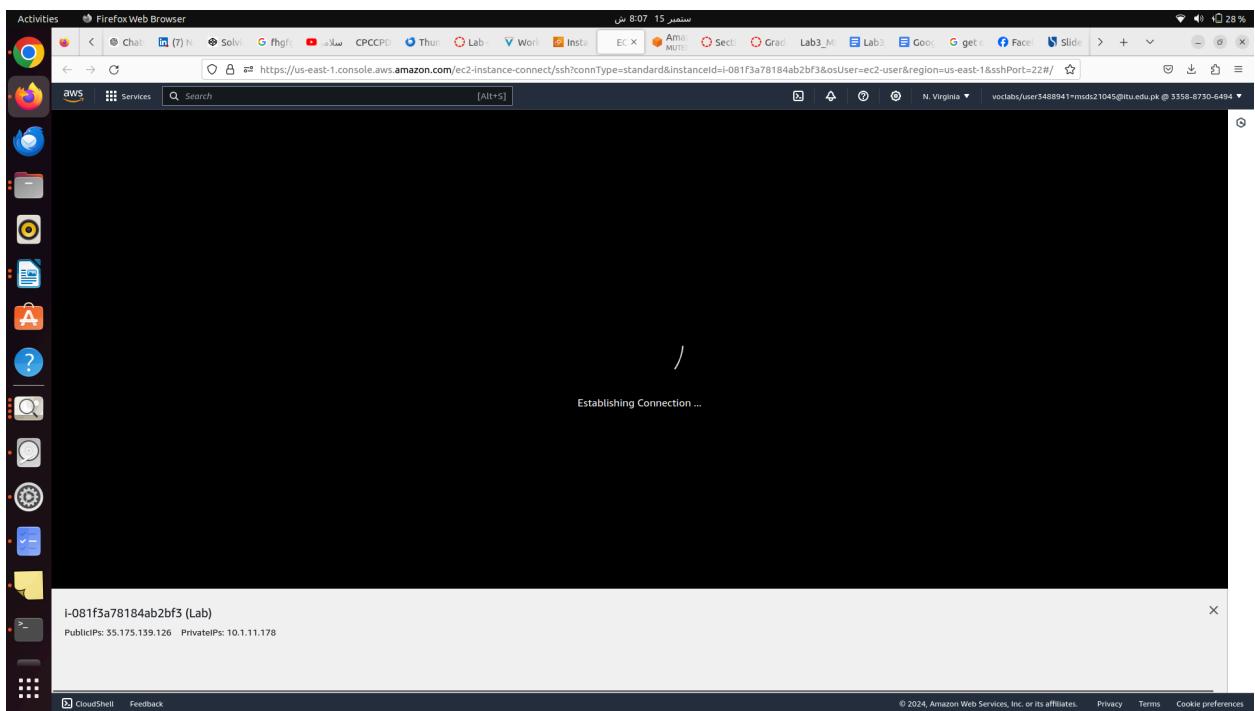
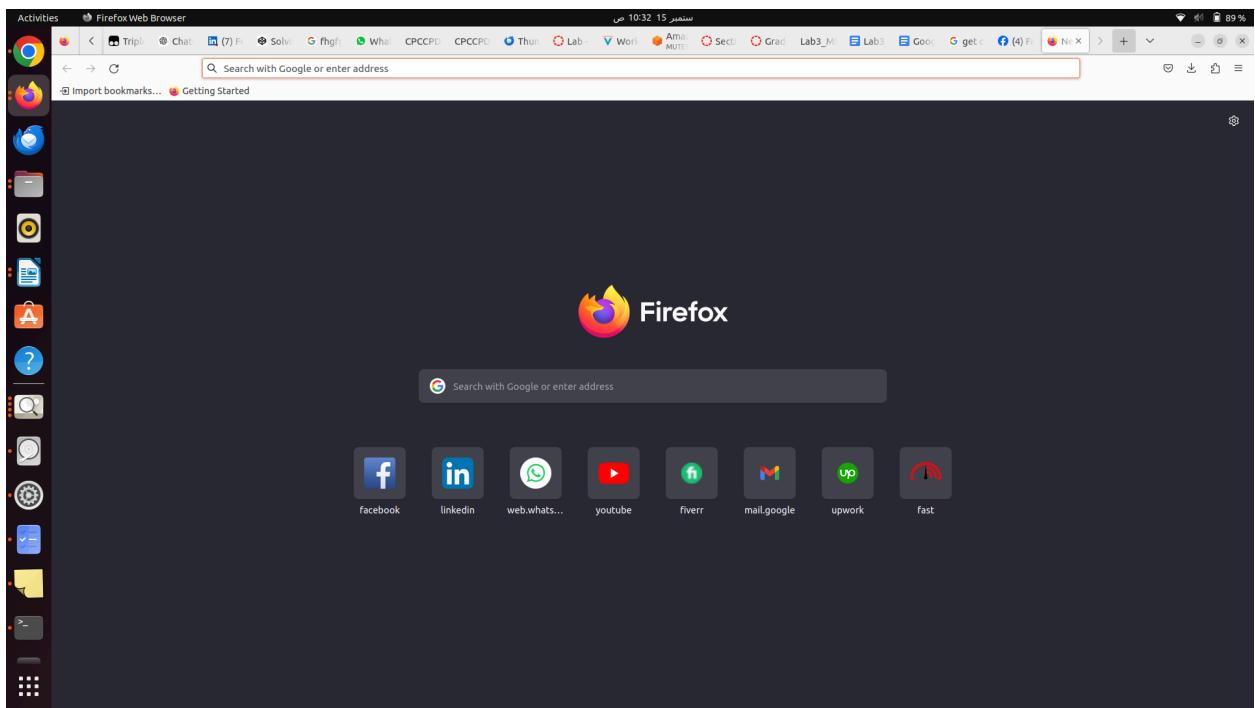
- add create new policy and attach it to user.
- update the existing user policy.
- create a new group and attach policy in it and add user in that group.

But I am having the following authentication message.

User:

arn:aws:sts::335887306494:assumed-role/vclabs/user3488941=msds21045@itu.edu.pk is not authorized to perform: iam:AttachUserPolicy on resource: user awsstudent because no identity-based policy allows the iam:AttachUserPolicy action

Screenshots



Activities Firefox Web Browser

https://us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-081f3a78184ab2bf3&osUser=ec2-user®ion=us-east-1&sshPort=22#

Amazon Linux 2023

Filesystem Size Used Avail Use% Mounted on

devtmpfs	475M	0	475M	0%	/dev/shm
tmpfs	190M	456K	190M	1%	/run
/dev/xvda1	8.0G	1.6G	6.4G	20%	/
/dev/xvda12	10G	1.3M	8.7M	1%	/boot/efi
tmpfs	95M	0	95M	0%	/run/user/1000

[ec2-user@ip-10-1-11-178 ~]\$ sudo mkfs -t ext3 /dev/sdf ~

The file /dev/sdf does not exist and no size was specified.

[ec2-user@ip-10-1-11-178 ~]\$ sudo mkfs -t ext3 /dev/sdf

mke2fs 1.46.5 (30-Dec-2021)

Creating filesystem with 262144 4k blocks and 65536 inodes

Filesystem UUID: dda0e0e4-3e07-42d1-be20-f48b3b03a894

Superblock backups stored on blocks:

32768, 98304, 163840, 229376

Allocating group tables: done

Writing inode tables: done

Creating journal (8192 blocks): done

Writing superblocks and filesystem accounting information: done

[ec2-user@ip-10-1-11-178 ~]\$

i-081f3a78184ab2bf3 (Lab)

PublicIPs: 35.175.139.126 PrivateIPs: 10.1.11.178

CloudShell Feedback

Activities Firefox Web Browser

https://us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-081f3a78184ab2bf3&osUser=ec2-user®ion=us-east-1&sshPort=22#

Amazon Linux 2023

Filesystem Size Used Avail Use% Mounted on

devtmpfs	4.0M	0	4.0M	0%	/dev
tmpfs	190M	0	190M	0%	/dev/shm
/dev/xvda	8.0G	1.6G	6.4G	20%	/
/dev/xvda1	475M	0	475M	0%	/tmp
/dev/xvda12	10G	1.3M	8.7M	1%	/boot/efi
tmpfs	95M	0	95M	0%	/run/user/1000

[ec2-user@ip-10-1-11-178 ~]\$ sudo mkfs -t ext3 /dev/sdf ~

The file /dev/sdf does not exist and no size was specified.

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Writing inode tables: done

Creating journal (8192 blocks): done

Writing superblocks and filesystem accounting information: done

[ec2-user@ip-10-1-11-178 ~]\$ sudo mkdir /mnt/data-store

[ec2-user@ip-10-1-11-178 ~]\$ sudo mount /dev/sdf /mnt/data-store

[ec2-user@ip-10-1-11-178 ~]\$ echo "/dev/sdf /mnt/data-store ext3 defaults,noatime 1 2" | sudo tee -a /etc/fstab

[ec2-user@ip-10-1-11-178 ~]\$ echo "/dev/sdf /mnt/data-store ext3 defaults,noatime 1 2" | sudo tee -a /etc/fstab

[ec2-user@ip-10-1-11-178 ~]\$

i-081f3a78184ab2bf3 (Lab)

PublicIPs: 35.175.139.126 PrivateIPs: 10.1.11.178

CloudShell Feedback

Activities Firefox Web Browser

Saturday 15 8:11 AM

https://us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-081f3a78184ab2bf3&osUser=ec2-user®ion=us-east-1&sshPort=22#

AWS Services Search [Alt+S]

N. Virginia vocabs/user5488941=msd21045@itu.edu.pk @ 3358-8730-6494

```
[ec2-user@ip-10-1-11-178 ~]$ df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/sdf        475M   0K  475M  0% /dev/shm
tmpfs          190M  456K 190M  1% /run
/dev/xvda1      8.0G  1.6G  6.4G  20% /boot
/dev/xvda12     10M   1.3M  8.7M  13% /tmp
/dev/xvda12     10M   1.3M  8.7M  13% /boot/efi
tmpfs          95M   0K  95M  0% /run/user/1000
[ec2-user@ip-10-1-11-178 ~]$ sudo mkfs -t ext3 /dev/sdf
mke2fs 1.46.5 (30-Dec-2021)
Creating filesystem with 420144 4k blocks and 65536 inodes
Filesystem UUID: dda0e054-3e07-42d1-be20-fa8b3b03a894
Superblock backups stored on blocks:
            32768, 98304, 163840, 229376
Allocating group tables: done
Writing inode tables: done
Creating journal (8192 blocks): done
Writing superblocks and filesystem accounting information: done

[ec2-user@ip-10-1-11-178 ~]$ sudo mkdir /mnt/data-store
[ec2-user@ip-10-1-11-178 ~]$ sudo mount /dev/sdf /mnt/data-store
[ec2-user@ip-10-1-11-178 ~]$ echo "dev /dev/sdf /mnt/data-store ext3 defaults,noatime 1 2" | sudo tee -a /etc/fstab
[ec2-user@ip-10-1-11-178 ~]$ echo "dev /dev/sdf /mnt/data-store ext3 defaults,noatime 1 2" | sudo tee -a /etc/fstab
[ec2-user@ip-10-1-11-178 ~]$ sudo mount /dev/sdf /mnt/data-store
UUID=d003cb01-d349-473c-9a89-399f9d9784cd    xfs  defaults,noatime 1 1
UUID=d003cb01-d349-473c-9a89-399f9d9784cd    /dev/sdf /mnt/data-store ext3 defaults,noatime 1 2
[ec2-user@ip-10-1-11-178 ~]$ sudo mkfs -t ext3 /dev/sdf
The file /dev/sdf does not exist and no size was specified.
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[ec2-user@ip-10-1-11-178 ~]$ sudo mount /dev/sdf /mnt/data-store
UUID=d003cb01-d349-473c-9a89-399f9d9784cd    xfs  defaults,noatime 1 1
UUID=d003cb01-d349-473c-9a89-399f9d9784cd    /dev/sdf /mnt/data-store ext3 defaults,noatime 1 2
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Filesystem      Size  Used Avail Use% Mounted on
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tmpfs          190M  456K 190M  1% /run
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/dev/xvda12     10M   1.3M  8.7M  13% /boot/efi
tmpfs          95M   0K  95M  0% /run/user/1000
[ec2-user@ip-10-1-11-178 ~]$
```

i-081f3a78184ab2bf3 (Lab)

PublicIPs: 35.175.139.126 PrivateIPs: 10.1.11.178

Activities Firefox Web Browser

Saturday 15 8:11 AM

https://us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-081f3a78184ab2bf3&osUser=ec2-user®ion=us-east-1&sshPort=22#

AWS Services Search [Alt+S]

N. Virginia vocabs/user5488941=msd21045@itu.edu.pk @ 3358-8730-6494

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Filesystem      Size  Used Avail Use% Mounted on
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/dev/xvda12     10M   1.3M  8.7M  13% /tmp
/dev/xvda12     10M   1.3M  8.7M  13% /boot/efi
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UUID=d003cb01-d349-473c-9a89-399f9d9784cd    xfs  defaults,noatime 1 1
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Filesystem      Size  Used Avail Use% Mounted on
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/dev/xvda1      8.0G  1.6G  6.4G  20% /boot
/dev/xvda12     10M   1.3M  8.7M  13% /tmp
/dev/xvda12     10M   1.3M  8.7M  13% /boot/efi
tmpfs          95M   0K  95M  0% /run/user/1000
[ec2-user@ip-10-1-11-178 ~]$
```

i-081f3a78184ab2bf3 (Lab)

PublicIPs: 35.175.139.126 PrivateIPs: 10.1.11.178

Screenshots of My methodologies to Add Policy Using IAM

Activities Firefox Web Browser

Sessions 10:55 15 سبتمبر

https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#CreateVolumeFromSnapshot:snapshotId=snap-0509cb7805d155c0d

AWS Services Search [Alt+S]

N. Virginia vocabs/user\$488941-msds21045@itu.edu.pk 3358-8730-6494

Snapshot summary

No Data Lifecycle Manager policies targeting this volume

Creating backups can help prevent data loss. [Learn more](#)

[View details](#)

You are not authorized to perform this operation. User: arn:aws:sts::355887306494:assumed-role/vocabs

/user\$488941-msds21045@itu.edu.pk is not authorized to perform: ec2>CreateVolume on resource: arn:aws:ec2:us-east-1:snapshot:snap-0509cb7805d155c0d because no identity-based policy allows the ec2>CreateVolume action. Encoded authorization failure message:

rlvmcdr7kmMh-pr_ur3TEhX5APC-

Oo7y3yFW7mW17t1wfroT02UXp_p_TA12gfrmvCaUs8gLWoHoJdzNX3i

NZLj9DV5XV-NnOKuBy5JD2HwB8qJ0gYp1I4yU_X-

VuK3Ebaingvglr5n5M6jVH4F4f9y_g-

0wpgS5WIwShMSdvnDarp9kluGilm3TEBVMMnNz2v0JdGgWOPAm-

WihIdot-eYxKfKvJ0JxJx7-

iBj498UmTENT52u0GdGa3wGUWScDMWV51UmSothkLOFggw5kBduJB

AhrnOlyoluJFA5pHURTFu2b40uDrmv5vnxPKUsCh08s7fF0seVEH8TLA

alj511lIMXgxXazublt_rlxMwzRzRkuLYShmeb56mn1W-

kpliBL4Pmay2Wv-o9Cx_-

Tbdloax9o3479KQ0Q8AnFVO1aD01Ynyaz2HKi40vnTzZ7LaroCH52ATPF8

XAr2fhWLU0084owWh_7tudzHh73d4j6vMpypVVV600Ecuj33dVjkW6

tAXFFoVrb8sAIQcmz52a4lRC2TOnYOL_KmlfsxTX_NiCjjgV2rwLLgt55gsJ7

KJHfpIt-

hSgp3Kmf6FUohRgYAG44QAe2el4sNWg74vlgDweRybawLUX6ND1ZNK

CETiQsriN5571vBk4_u3f_Dahms_w2uAvyc5ddLrzVvhPwE9AM4_Jl9lPff8c

GpkwYaqj3TeocTpQEW

[Cancel](#) [Create volume](#)

CloudShell Feedback

Snapshots ^ v Highlight All Match Case Match Diacritics Whole Words 1 of 2 matches Reached end of page, continued from top

Activities Firefox Web Browser

Sessions 10:57 15 سبتمبر

https://us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/groups/create

AWS Services Search [Alt+S]

N. Virginia vocabs/user\$488941-msds21045@itu.edu.pk 3358-8730-6494

Identity and Access Management (IAM)

IAM > [User groups](#) > Create user group

Create user group

Name the group

User group name Enter a meaningful name to identify this group.

lab4_roles

Maximum 128 characters. Use alphanumeric and "+", "-", "_" characters.

Add users to the group - Optional (1) [Info](#)

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

User name [Search](#)

awssstudent

Attach permissions policies - Optional (1/949) [Info](#)

You can attach up to 10 policies to this user group. All the users in this group will have permissions that are defined in the selected policies.

Policy name [Search](#) Type Used as Description

AdministratorAccess AWS managed - job function Permissions policy (1) Provides full access to AWS services an...

AdministratorAccess-Amplify AWS managed None Grants account administrative permis...

CloudShell Feedback

Snapshots ^ v Highlight All Match Case Match Diacritics Whole Words 1 of 2 matches Reached end of page, continued from top

Activities Firefox Web Browser

Saturday 15:57 15 سبتمبر

https://us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/groups/create

User group was not created.

User: arn:aws:sts::335887306494:assumed-role/vocabs/user5488941=msda21045@itu.edu.pk is not authorized to perform: iam:CreateGroup on resource: arn:aws:iam::335887306494:group/lab4_roles because no identity-based policy allows the iam:CreateGroup action

Create user group

Name the group

User group name

Enter a meaningful name to identify this group.

lab4_roles

Maximum 128 characters. Use alphanumeric and '+', '.', '-' characters.

Add users to the group - Optional (1) Info

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 awssstudent

Groups Last activity Creation time

0 None 2 hours ago

Attach permissions policies - Optional (1/949) Info

You can attach up to 10 policies to this user group. All the users in this group will have permissions that are defined in the selected policies.

Filter by Type

Search All types

Policy name Type Used as Description

AdministratorAccess AWS managed - job function Permissions policy (1) Provides full access to AWS services an...

AdministratorAccess-Amplify AWS managed None Grants account administrative permis...

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Snapshots

Activities Firefox Web Browser

Saturday 15:58 15 سبتمبر

https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#CreateVolumeFromSnapshot:snapshotId=snap-0509cb7805d155c0d

Diagnose console errors with Amazon Q

I'm diagnosing the following console error:

You are not authorized to perform this operation. User: arn:aws:sts::335887306494:assumed-role/vocabs:user5488941=msda21045@itu.edu.pk is not authorized to perform: ec2:CreateVolume on resource: arn:aws:ec2:us-east-1:snapshots:0509cb7805d155c0d because no identity-based policy allows the ec2:CreateVolume action. Encoded authentication failure message: uspQHfTAI...
yJUlyL553HvBjRfNcJOTor_30tY40m331k20m3trP57puM...
NezA0DEhDLDSOjOzv50MHNh7a9V7ayChZD72aBLB7lQqgj7mpv...
bbjX5laeENrakDcbcdeduj2wvLem5Y5MdPTlufeabRIVV_QOra...
SPuBhuVAClmeqwpbQfAmMrDervt4XbJ6a2g_PtNB8vemzr2L2J_kJH0...
EVC TOxhRmI1Fzzc4t9o27ayIT-
GfA_Mut1oKMuJ0RfRZSIUIC5NT1FWH7BjU6E5h-9H-OlvvhVhPof...
K1n-Tnch_PMe_272b5tMKWeykCJufvnez7UaAh11572_dE_OyygD-
SE5cc077WvzRjVZT211uepg0b5561g_1_teOfrnkLPr7Mjuh595OCXc1OL...
D3V3v0egeg_1u1k4c2t5AImCo21u4h4atjVb09vBa777Sai1zr0k2...
GsfTmmnDQDfjehewGttaWkV219y6XQJU0Mk_gnsekhKnOkyy56mQ2...
R0M2u2Vxvmed364t3k71u9pahmellibfbcfbC7yBZpmpjjeM46ott.PDF...
4P0m3B2LMeccD6ng81Aw11naobnpqEgy1yp9_gfH6qyv-
ph3t64TO540vNpewvly5mwmf14D4VvJ95yxxG.LNPDP-4MC-
DFLaASyF_yetumWbIgjAcrcfRM0BHeqgtkjAnz90.JegnJ2Q

An error occurred when attempting to access Amazon Q.

Review the [Amazon Q troubleshooting documentation](#) for potential solutions.

Use of Amazon Q is subject to the [AWS Responsible AI Policy](#). Outputs should be evaluated for accuracy and appropriateness for your use case.

Create volume

Snapshots

Activities Firefox Web Browser سطح مكتب ١٥ سبتمبر ٢٠٢٤ ١١:٥٦ AM

https://us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/policies/create

IAM > Policies > Create policy Step 1 Specify permissions Add permissions by selecting services, actions, resources, and conditions. Build permission statements using the JSON editor.

Policy editor Visual JSON Actions □

▼ EC2 Set permissions for EC2

Specify what actions can be performed on specific resources in EC2.

▼ Actions allowed Specify actions from the service to be allowed.

Filter Actions Effect Allow Deny

Manual actions | Add actions All EC2 actions (ec2:*)

Access level Expand all | Collapse all

List (176) Read (36) Write (424) Permissions management (5) Tagging (2)

► Resources Specify resource ARNs for these actions.

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Snapshots Highlight All Match Case Match Diacritics Whole Words 1 of 2 matches Reached end of page, continued from top

Activities Firefox Web Browser سطح مكتب ١٥ سبتمبر ٢٠٢٤ ١١:٥٦ AM

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IAM > Policies > Create policy Step 1 Specify permissions Add permissions by selecting services, actions, resources, and conditions. Build permission statements using the JSON editor.

Policy editor Visual JSON Actions □

```
1 {  
2   "Version": "2012-10-17",  
3   "Statement": [  
4     {  
5       "Effect": "Allow",  
6       "Action": "ec2:CreateVolume",  
7       "Resource": "*"  
8     }  
9   ]  
10 }  
11 |
```

+ Add new statement Edit statement Select a statement Add new statement

JSON Ln 11 Col 0 6044 of 6144 characters remaining

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Snapshots Highlight All Match Case Match Diacritics Whole Words 1 of 2 matches Reached end of page, continued from top

Activities Firefox Web Browser سطح مكتب ١٥:١٦ ١١:٠٦

https://us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/policies/create

IAM Policies Create policy Step 1 Specify permissions Step 2 Review and create Review and create

Policy details

Policy name
Enter a meaningful name to identify this policy.
lab4_policy
Maximum 128 characters. Use alphanumeric and '+', '.', '-' characters.

Description - optional
Add a short explanation for this policy.
create volume from snapshot
Maximum 1,000 characters. Use alphanumeric and '+', '.', '-' characters.

Permissions defined in this policy Info
Permissions defined in this policy document specify which actions are allowed or denied. To define permissions for an IAM identity (user, user group, or role), attach a policy to it.

Allow (1 of 420 services)

Service	Access level	Resource	Request condition
EC2	Limited: Write	All resources	None

Add tags - optional Info Tags are key-value pairs that you can add to AWS resources to help identify, organize, or search for resources.

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Snapshots Highlight All Match Case Match Diacritics Whole Words 1 of 2 matches Reached end of page, continued from top

Activities Firefox Web Browser سطح مكتب ١٥:١٦ ١١:١٠

https://us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/users/details/awsstudent/add-permissions

IAM Users awsstudent Add permissions Step 1 Add user to an existing group Step 2 Review

Create user group

Create a user group and select policies to attach to the group. We recommend using groups to manage user permissions by job function, AWS service access, or custom permissions. Learn more

User group name
Enter a meaningful name to identify this group.
lab4_usergroup
Maximum 128 characters. Use alphanumeric and '+', '.', '-' characters.

Permissions policies (1/951)

Policy name	Type	Use...	Description
AdministratorAccess	AWS managed	Permits...	Provides full access to AWS services
AdministratorAccess	AWS managed	None	Grants account administrative permission
AdministratorAccess	AWS managed	None	Grants account administrative permission
AlexaForBusinessDeviceSetup	AWS managed	None	Provides device setup access to Alexa devices
AlexaForBusinessFullAccess	AWS managed	None	Grants full access to Alexa for Business
AlexaForBusinessGatewayExecution	AWS managed	None	Provides gateway execution access to Alexa for Business
AlexaForBusinessReadOnlyAccess	AWS managed	None	Provides read-only access to Alexa for Business
AmazonAPIGatewayInvoke	AWS managed	None	Provides full access to create/edit/
AmazonAPIGatewayInvoke	AWS managed	None	Provides full access to invoke API

Attach policies directly
Attach a managed policy directly to a user. As a best practice, we recommend attaching policies to a group instead. There's one less step to manage user permissions.

Create group Cancel Next

Snapshots Highlight All Match Case Match Diacritics Whole Words 1 of 2 matches Reached end of page, continued from top

Activities Firefox Web Browser سبتمبر 15 11:11 AM 83 %

https://us-east-1.console.aws.amazon.com/iam/home/?region=us-east-1#/users/details/awsstudent/add-permissions [Alt+S]

User Services at created. User 355887306494:assumed-role/voclabs/user3488941-msds21045@itu.edu.pk is not authorized to perform: iam:CreateGroup on resource: arn:aws:iam::355887306494:group/lab4_usergroup because no identity-based policy allows the iam:CreateGroup action

IAM > Users > awsstudent > Add permissions Step 1 Add permissions Step 2 Review Add permissions Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. Learn more Permissions options Add user to group Add user to an existing group, or create a new group. We recommend using groups to manage user permissions by job function. Copy permissions Copy all group memberships, attached managed policies, inline policies, and any existing permissions boundaries from an existing user. Attach policies directly Attach a managed policy directly to a user. As a best practice, we recommend attaching policies to a group instead. Then, add the user to the appropriate group. Get started with groups Create a group and select policies to attach to the group. We recommend using groups to manage user permissions by job function, AWS service access, or custom permissions. Learn more Create group Cancel Next

CloudShell Feedback سبتمبر 15 11:15 AM 81 %

https://us-east-1.console.aws.amazon.com/iam/home/?region=us-east-1#/policies/details/arn%3Aaws%3Alam%3A335887306494%3Apolicy%2Flab_policy/edit/vt/ [10%]

IAM > Policies > lab_policy > Edit policy Step 1 Modify permissions in lab_policy Step 2 Review and save Policy editor Visual JSON Actions Add new statement + Add new statement 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 "Version": "2012-10-17", "Statement": [{ "Condition": { "StringEquals": { "awsRequestedRegion": ["us-east-1", "us-west-2"] } }, "Action": ["ec2:CreateVolume", "ec2:AttachVolume", "ec2:DescribeVolumes*", "cloudformation:Detect*", "cloudformation:EstimateTemplateCost*", "cloudtrail:LookupEvents*", "ec2:Address*", "ec2:Gateway*", "ec2:Image*", "ec2:Network*", "ec2:Route*", "ec2:SecurityGroup*", "ec2:Snapshot**", "ec2:Subnet**", "ec2:Vpc**", "sns:Publish"] }] Edit statement AllowAllActions Remove Add actions Choose a service Filter services Included Cloud Control API CloudFormation CloudTrail CloudWatch Logs EC2 EC2 Instance Connect EventBridge Resource Group Tagging Add a resource Add Add a condition (optional) Add © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

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Saturday 15 شنبه 15 آذر 11:17

https://us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/policies/details/arn%3Aaws%3Aiam%3A335887306494%3Apolicy%2Flab_policy/edit/v1/ 110%

aws Services Search [Alt+S]

Identity and Access Management (IAM)

CloudFormation Limited: Read All resources aws:RequestedRegion = us-east-1,us-west-2

CloudTrail Limited: Read All resources aws:RequestedRegion = us-east-1,us-west-2

CloudWatch Logs Limited: Read All resources aws:RequestedRegion = us-east-1,us-west-2

EC2 Full: Permissions management, Tagging Limited: List, Read, Write All resources Multiple aws:RequestedRegion = us-east-1,us-west-2

EC2 Instance Connect Limited: Write All resources aws:RequestedRegion = us-east-1,us-west-2

EventBridge Limited: Read All resources aws:RequestedRegion = us-east-1,us-west-2

IAM Limited: Write Path| string like [aws-service-role, RoleName] string like [All] None aws:RequestedRegion = us-east-1,us-west-2

Resource Group Tagging Full: Tagging All resources aws:RequestedRegion = us-east-1,us-west-2

Resource Groups Limited: List All resources aws:RequestedRegion = us-east-1,us-west-2

Secrets Manager Full: Tagging Limited: List, Read, Write All resources aws:RequestedRegion = us-east-1,us-west-2

Systems Manager Limited: Read, Write All resources aws:RequestedRegion = us-east-1,us-west-2

Set this new version as the default.

Permissions defined in this version will be applied to all the entities this policy is attached to.

Cancel Previous Save changes

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https://us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/policies/details/arn%3Aaws%3Aiam%3A335887306494%3Apolicy%2Flab_policy/edit/v1/ 110%

aws Services Search [Alt+S]

Identity and Access Management (IAM)

Failed to save changes to policy .

User: arn:awssts:335887306494:assumed-role/voclabs/user3488941=msds21045@itu.edu.pk is not authorized to perform: iam:CreatePolicyVersion on resource: policy arn:aws:iam::335887306494:policy/lab_policy because no identity-based policy allows the iam:CreatePolicyVersion action

CloudWatch Logs Limited: Read All resources aws:RequestedRegion = us-east-1,us-west-2

EC2 Full: Permissions management, Tagging Limited: List, Read, Write All resources Multiple aws:RequestedRegion = us-east-1,us-west-2

EC2 Instance Connect Limited: Write All resources aws:RequestedRegion = us-east-1,us-west-2

EventBridge Limited: Read All resources aws:RequestedRegion = us-east-1,us-west-2

IAM Limited: Write Path| string like [aws-service-role, RoleName] string like [All] None aws:RequestedRegion = us-east-1,us-west-2

Resource Group Tagging Full: Tagging All resources aws:RequestedRegion = us-east-1,us-west-2

Resource Groups Limited: List All resources aws:RequestedRegion = us-east-1,us-west-2

Secrets Manager Full: Tagging Limited: List, Read, Write All resources aws:RequestedRegion = us-east-1,us-west-2

Systems Manager Limited: Read, Write All resources aws:RequestedRegion = us-east-1,us-west-2

Set this new version as the default.

Permissions defined in this version will be applied to all the entities this policy is attached to.

Cancel Previous Save changes

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Saturday 15 نيسان 11:32 73%

https://us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/users/details/awsstudent/add-permissions

IAM > Users > awsstudent > Add permissions

Step 1 Add permissions

Step 2 Review

Add permissions

Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. [Learn more](#)

Permissions options

Add user to group
Add user to an existing group, or create a new group. We recommend using groups to manage user permissions by job function.

Copy permissions
Copy all group memberships, attached managed policies, inline policies, and any existing permissions boundaries from an existing user.

Attach policies directly
Attach a managed policy directly to a user. As a best practice, we recommend attaching policies to a group instead. Then, add the user to the appropriate group.

Permissions policies (1/1227)

Filter by Type: ad | All types | 272 matches

Policy name	Type	Attached entities
<input checked="" type="checkbox"/> AdministratorAccess	AWS managed - job function	1
<input type="checkbox"/> AdministratorAccess-Amplify	AWS managed	0
<input type="checkbox"/> AdministratorAccess-AWSElasticBeanstalk	AWS managed	0
<input type="checkbox"/> AlexaForBusinessReadOnlyAccess	AWS managed	0
<input type="checkbox"/> AmazonAPIGatewayAdministrator	AWS managed	0
<input type="checkbox"/> AmazonAppFlowReadOnlyAccess	AWS managed	0
<input type="checkbox"/> AmazonAppStreamReadOnlyAccess	AWS managed	0

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Saturday 15 نيسان 11:32 73%

https://us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/users/details/awsstudent/add-permissions

IAM > Users > awsstudent > Add permissions

Step 1 Add permissions

Step 2 Review

Review

The following policies will be attached to this user. [Learn more](#)

Failed to add permissions to awsstudent

- Failed to add AdministratorAccess to user.
User: arn:aws:sts::355887306494:assumed-role/voclabs/user3488941=msds21045@itu.edu.pk is not authorized to perform: iam:AttachUserPolicy on resource: user awsstudent because no identity-based policy allows the iam:AttachUserPolicy action

User details

User name: awsstudent

Permissions summary (1)

Name	Type	Used as
AdministratorAccess	AWS managed - job function	Permissions policy

Cancel Previous **Add permissions**

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AWS CANVAS GRADING

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https://labs.vocareum.com/main/main.php?m=clabide&mode=s&asnid=3303005&stepid=3303006&hideNavBar=1

EN-US AWS

EN-US

Lab 4: Working with EBS

Lab Overview

This lab focuses on Amazon Elastic Block Store (Amazon EBS), a key underlying storage mechanism for Amazon EC2 instances. In this lab, you will learn how to create an Amazon EBS volume, attach it to an instance, apply a file system to the volume, and then take a snapshot backup.

Topics covered

By the end of this lab, you will be able to:

- Create an Amazon EBS volume
- Attach and mount your volume to an EC2 instance
- Create a snapshot of your volume
- Create a new volume from your snapshot
- Attach and mount the new volume to your EC2 instance

Duration

This lab will require approximately **30 minutes** to complete.

Total score 29/25

Task 1 - Create EBS volume	5/5
Task 2 - Attach volume	5/5
Task 4 - Volume mounted	5/5
Task 5 - Snapshot created	5/5
Task 6 - Snapshot restored	0/5