**Topic 1: User and Group Management**

**Assignment 1:**

* Create user TRHOL<candidate AD ID name> user using IAM
* Attach Administrator Policy
* Login to AWS console using TRHOL

Answers:

1. Login to aws console or portal and select services->then select security & identity & compliance.
2. Click on IAM service.
3. From IAM Dashboard panel ->select users.
4. Then click on Add users button.
5. Create user TRHOL<MA20115639> with administrator policy.
6. For user name TRHOL<MA20115639
7. For Access type : AWS Management console access
8. For password console \*\*\*\*\*\*\*\*\*\*\*\*
9. Uncheck require password reset then click on next permissions button.
10. Click on Attach existing policies directly box(or else create a group with administrator policy and add this user to that group).
11. In filter type search for administrator access & select it.
12. Click on next review button. & verify user details and click on create user button.
13. Then Download .csv file& click on close button.
14. Now verify login to the aws console using create user TRHOL<Ma20115639> using password.

**Assignment 1:**

1. To remove administrator policy & delete users
2. From IAM dashboard, select users, drag down action button.
3. Click on delete users button.
4. Incase user is attached with any group with administrative policy delete the group first in the same way.

**Assignment 2:**

* Create VM (instance Type t2.micro) with tag “TRHOL<candidate AD ID name>VM” using “Microsoft Windows Server 2016 Base” AMI (Note select Free Tier only based AMI)
* Login to VM as administrator.

**Answers:**

1. TO Launch windows instance(VM).
2. Login to aws console then select compute and click on EC2 services
3. Then select the region ex: US west oregon.
4. Now click on Launch instance.
5. On choose amazon machine image(AMI) page select :quick start:
6. Then select Microsoft windows server2016 AMI under free tier eligible then click on select button.
7. On choose an instance type page select general purpose type t2.micro then click on next
8. On configure instance details page, leave all the values as default then click Next
9. On add storage page, leave all the values as default then click Next.
10. On the add tags page, enter the key as THROL(MA20115639) and value as windows server and click next.
11. On the security group page, create a new security group the click review and launch.
12. On the next page review all VM details and click on Launch.
13. On the next page create a new key pair and download it & click on launch instance.
14. Now to to EC2 dashboard and check the instance status.

**To connect or login to VM as Administrator.**

1. Open EC2 dashboard select created windows server2016 VM and click on connect button.
2. Click on download remote desktop file button and click on get password.
3. Now click on choose file button & click decrypt button & close.
4. Now double click on RDp file provide username as Administrator and give password.
5. Click on connect & ok & yes. And wait for a while and verify.

Thanks & Regards,

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