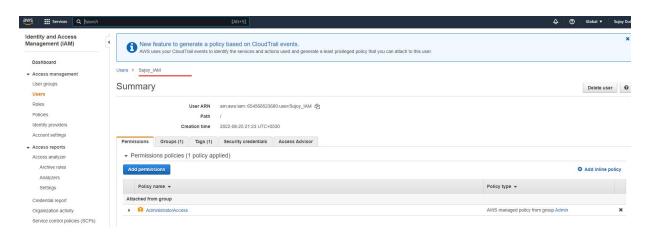
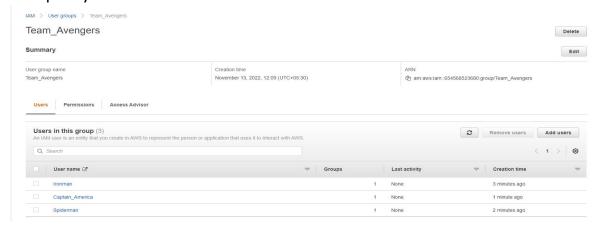
## Assignment sheet for IAM(Sujoy\_Dutta)

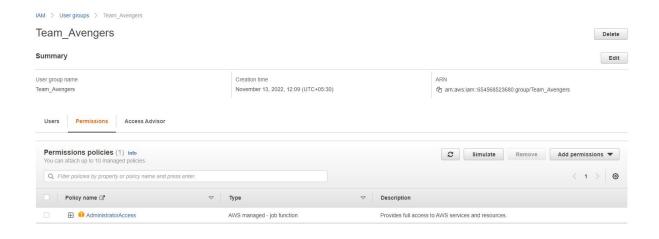
**Assignment 1**:- Create an IAM user with username of your own wish and grant administrator policy.



**Assignment 2**:- Hello students, in this assignment you need to prepare a developers team of avengers.

- Create 3 IAM users of avengers and assign them in developer's groups with IAM policy.



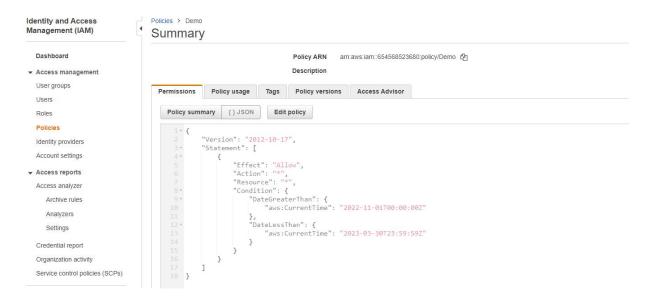


## Assignment 3: Define a condition in policy for expiration like

```
"DateGreaterThan": {"aws:CurrentTime":
"2020-04-01T00:00:00Z"},

"DateLessThan": {"aws:CurrentTime":
"2020-06-30T23:59:59Z"}
```

Define the span of 4 months as per your wish



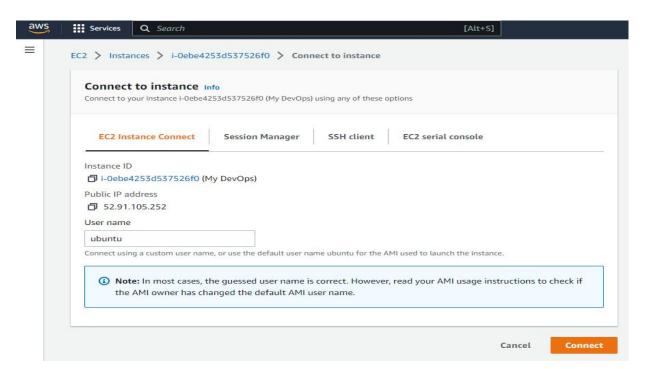
Assignment 3: - Prepare 15 authentic MCQ questions related to IAM.

## Questions:-

- 1. Which is the most secure way of giving access to AWS services to applications running on Ec2 instances?
- 2. What are least-privilege permissions in IAM?
- 3. How many maximum groups can be created in an AWS account?
- 4. IAM policy documents are written in which format?
- 5. Which IAM resource can be reused across multiple identities?
- 6. Does EC2 support resource-based policies?

- 7. What is the default level of access a newly created IAM User is granted?
- 8. Are Organizational Units a component of IAM?
- 9. Which document provides a formal statement of one or more permissions?
- 10. In which language are policy documents written?
- 11. Can a IAM user belong to multiple group?
- 12. How many ways we can create customer managed policies in IAM?
- 13. What are the different access type is present during IAM user creation?
- 14. How many ways we can set permissions during IAM user creation?
- 15. Can we use Priciple in "identity-based policy"?

## **Assignment 4**:- Launch your linux instance in IAM and update your machine.



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