Cloud Computing - Practical 3. PAGE NO. Roll no: A005 ai]. Users and Groups :-USERS: In cloud Compiting users are enclindeds entities that require access to cloud sesoures and senious. Users con be human individual or non human entities (such as application or senious). Each user how a unique edentity and is authenticated through credential like isernomes, passion or certificates. Users or assigned permission that define what actions they can perform with the cloud environment. Key asperts & Users: 3) Idendity Monagement - Ensures each wer has a unique identity 2) Authentication - Verifies users identity through methods
like passuords or multilages factor
authentication 3) Arthosiscition - Determines unat action a ver care perhim based on permission. 4) Types - End Users, Senices accourts, adminstrative and external users.

Name: Sourabh. Chaidhan.

GROUPS:

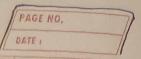
the shows similar notes or access needs.

Crosps simplify permission managered by allowing administrator to assign permission and policies collectively rather than individually.

This approach 8 is managing individual new permission and be complex.

Rey Aspect of groups :-

- (a) Role Based Access Control (RBAC): Assigns permission bused on roles to enhance security and reclue administrative tasks.
  - (6) Policy Enforcement: Ensure consistent application of security policies across all grays members.
  - 1 Stability: Faclitate management of permission to
- a Types: Security groups, some groups and user groups



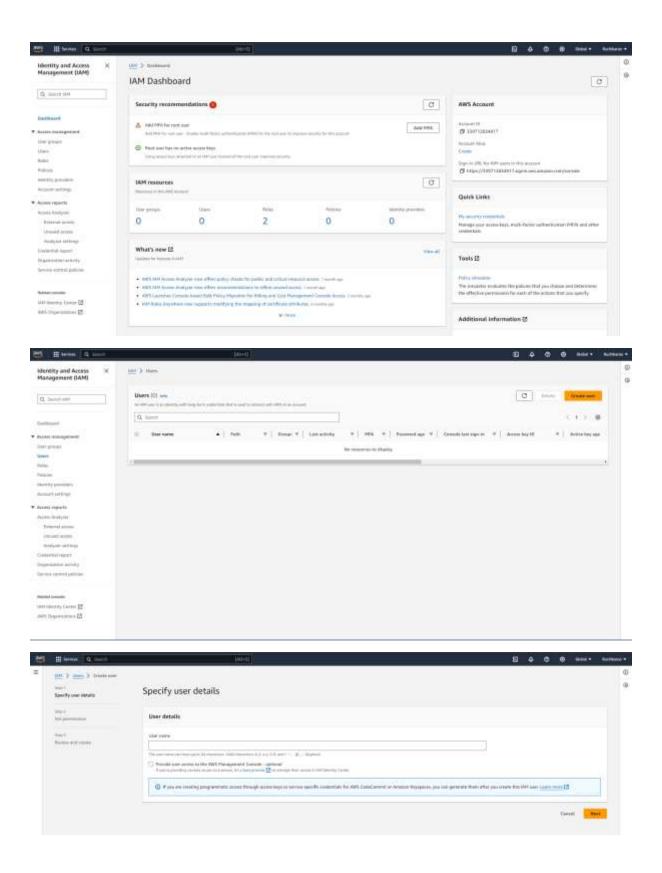
92	Identity and Access Management (JAM).
	to the said the said that and
-	Jolentity and access management (JAM) ensures that the right people and job roles in your organish (identities) can access the tool they need to do
11 60	the right people and job roles in your organishing
	(identities) can access the too they need to do
A	Heir jobs.
7	Companies need IAM to provide online security
	and to encuare employee productisty
7	The how been a trust en market with new application
100	their jobs. Companies need JAM to provide online searry and to iencreare employee productivity. The how been a fruit in market with new application and requirement for an organization to use here
	annivation are arrived arrived.
7	The services and resource you now to accurs
(	com be specified in JAM.
7	JAM doesPt provide any replica or backup.
	JAM can be used for many purpose such as it
- 1	one worts to costrol access at endividual of groups
	aus or gov ous pus pusous.
7	with JAM policies managing permission to your
	with JAM policies managing permission to your work how and system to ensue least-
	primiledy permission become earser.
	The Aus JAM is a global sensices. Components of iedentity and Acurs Management (JAM)
+	Components of edentity and Acurs Management (IAM)
	1. Holy
	2. Crays
	3. Policies.
7	Fram identies classified on
1	· JAM Users
2	· JAM Croys
3	JAM Rolls
	Nous

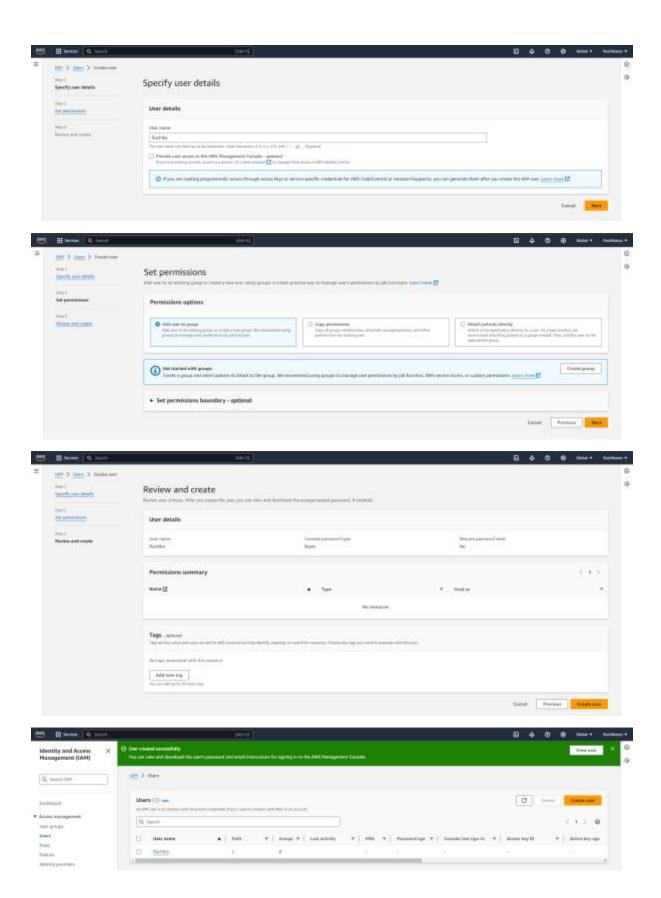
## 3) JAM Roles: A Role is set of permission that great access to action and noomers in Aus. These permission are attached to the role not to an IAM years or a group. 4 An IAM year can use a role in the same Aus

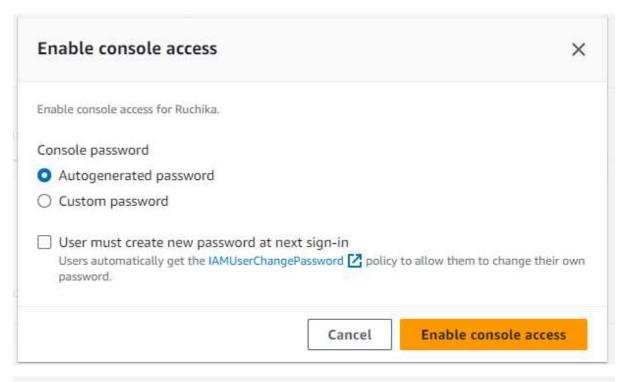
- accont or diff accont.
- 7 An JAM Ver is similar to as JAM Ver role is also an our Idertily with penusses policis that determin what the ledenty can & comot do in Aus
- > A now does not have long term security Credent of passerd or saving key instead if the on creater & provide the ser. you can use the votes to deligate our

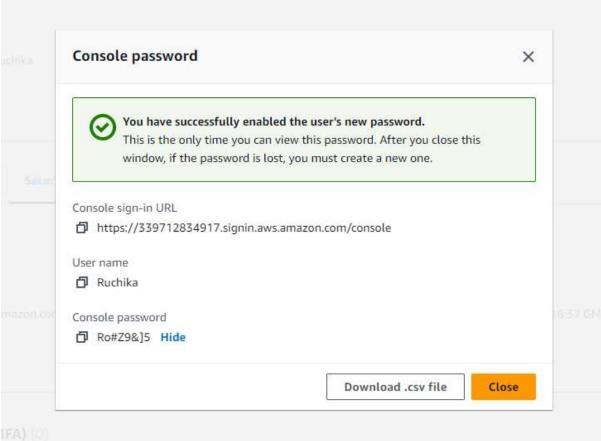
to ver application or senices Hot generally do not have access to your our account

## IAM User CC - A3

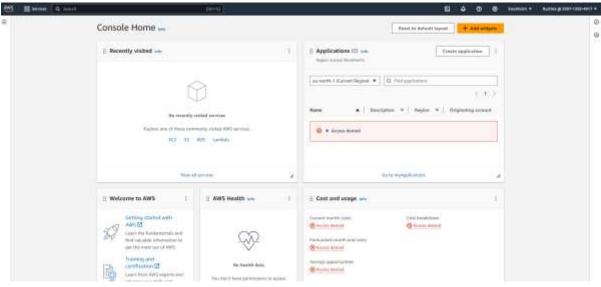


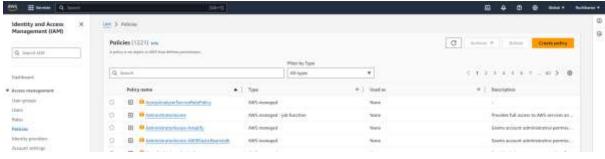


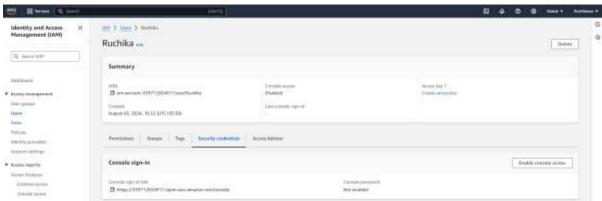


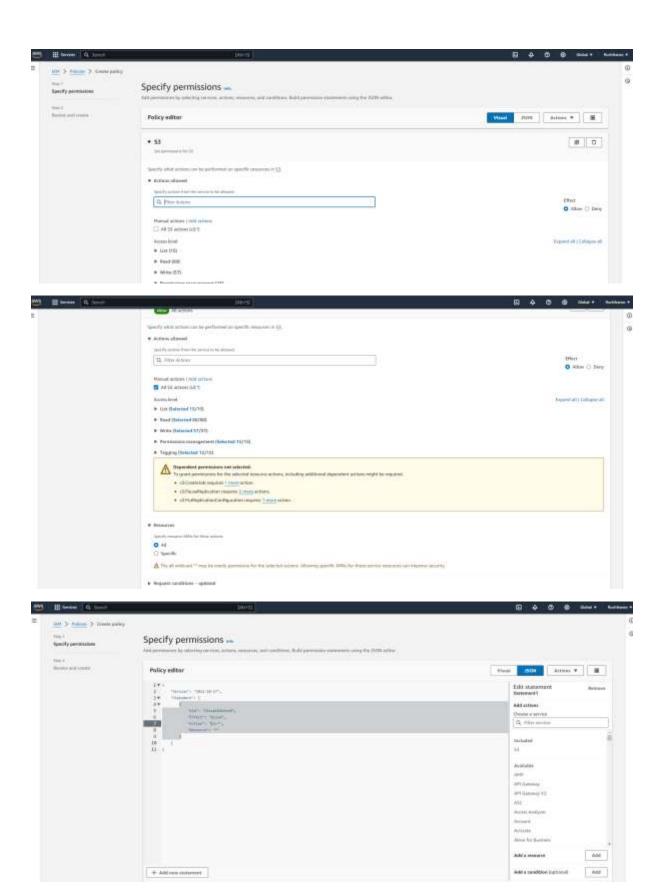


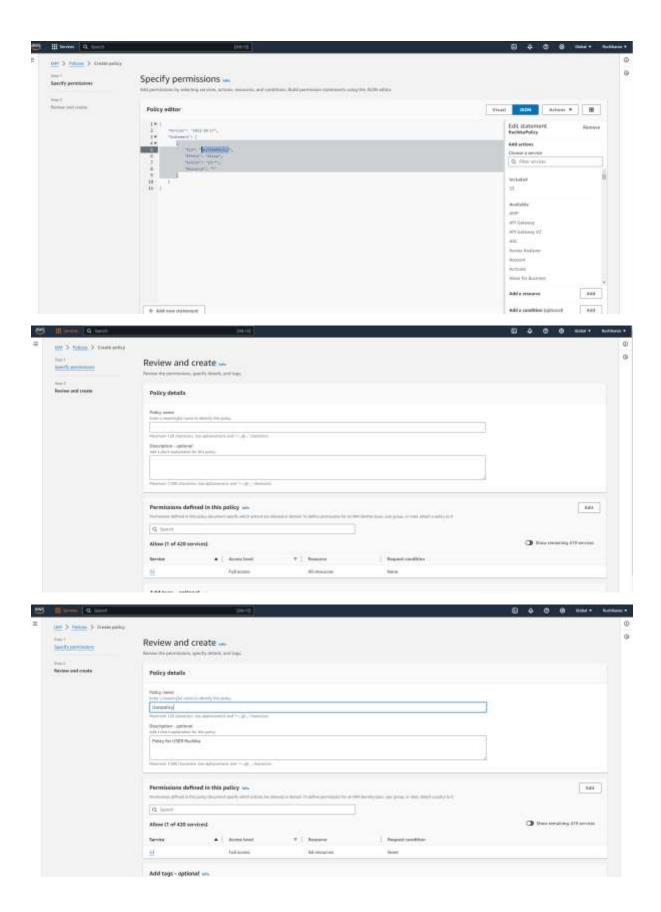


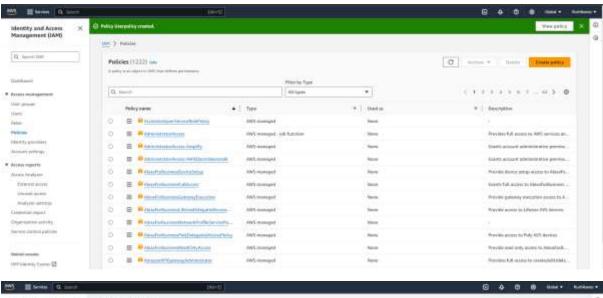


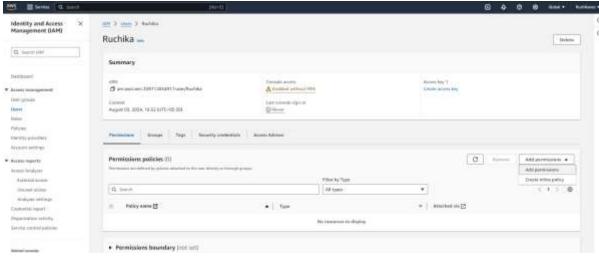


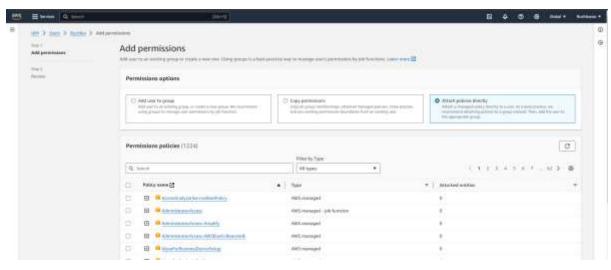


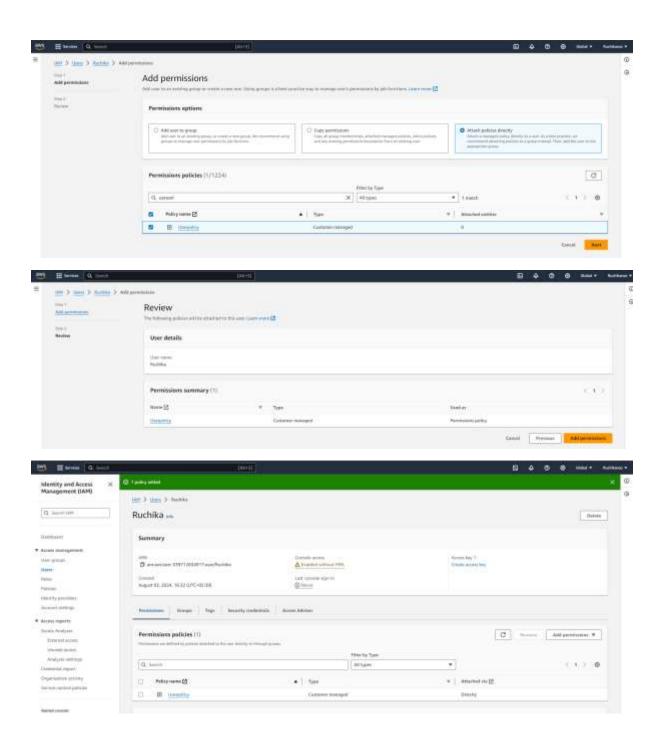












Policy changed !!

