Principle of Least Privilege (PoLP): is the computer security concept of providing a user, role, or application the least amount of permissions to perform a operation or action.

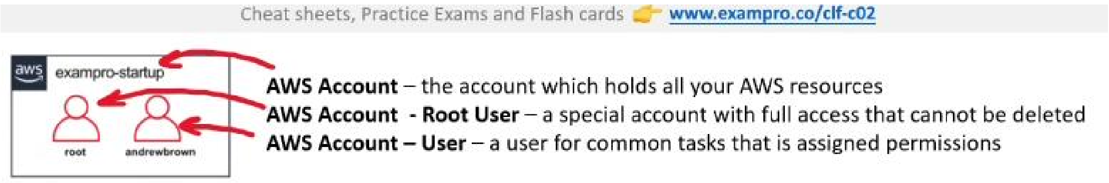
Just Enough Access (JEA):Permitting only the exact actions for the identity to perform task

Just in time (JIT): Permitting the smallest length of duration an identity can use permissions.

Risk based adaptive policies-Each attempt to access a resource generates a risk factor of how likely the request is to be from.

AWS does not have Risk based adaptative polices built into IAM for now so we can use third party solutions like ConsoleMe which is an open source Netflix project to self serve short lived IAM polices so an end user can access AWS resources while enforcing JEA and JIT

AWS Account root user



Cheat sheets, Practice Exams and Flash cards 👉 www.exampro.co/clf-c02

AWS Account – the account which holds all your AWS resources

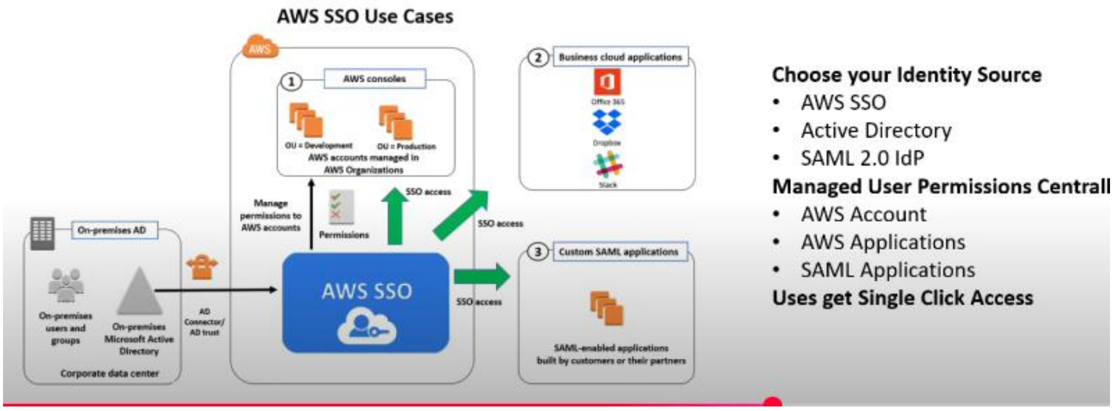
AWS Account - Root User – a special account with full access that cannot be deleted

AWS Account – User – a user for common tasks that is assigned permissions

AWS Account root user:You can only use an AWS organizations service control policy (scp) to limit the permissions of the root user

AWS Single Sign on

AWS single Sigh on (AWS SSO): is where you create or connect you workforce identities in AWS once and mange access centrally across your organization.



AWS
1
AWS consoles
OU = Development
OU = Production
AWS accounts managed in AWS Organizations
2
Business cloud applications
Office 365
Dropbox
Slack
Manage permissions to AWS accounts
Permissions
SSO access
SSO access
On-premises AD
On-premises users and groups
On-premises Microsoft Active Directory
Corporate data center
AD Connector/ AD trust
AWS SSO
SSO access
3
Custom SAML applications
SAML-enabled applications built by customers or their partners

AWS SSO Use Cases

Choose your Identity Source

- AWS SSO
- Active Directory
- SAML 2.0 IdP

Managed User Permissions Centrall

- AWS Account
- AWS Applications
- SAML Applications

Uses get Single Click Access