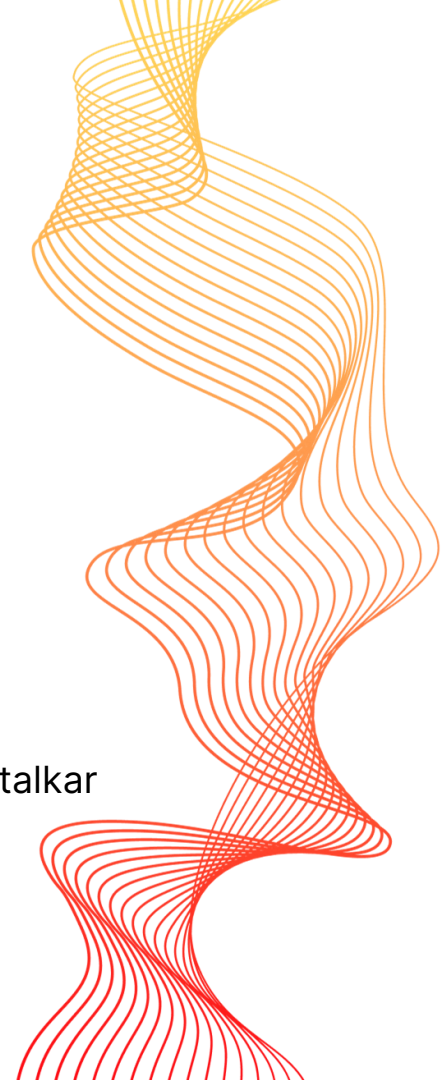




# AWS IAM Service

This presentation provides an overview of AWS IAM Service.

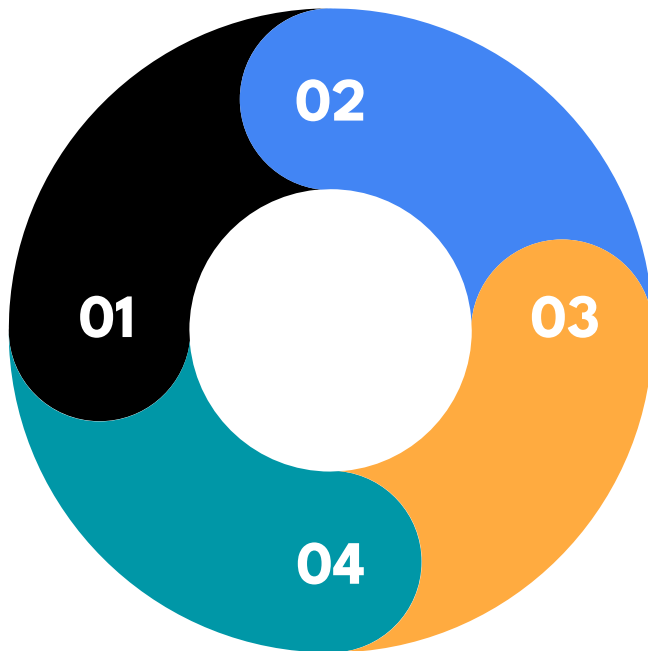
By Sourabh Dattalkar



# Introduction to AWS IAM

IAM stands for Identity and Access Management

It is a web service that helps you securely control access to AWS resources

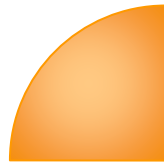


Allows you to manage users, groups, and permissions

Centralized control for AWS accounts



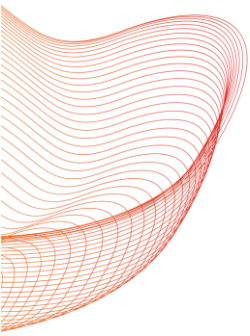
## Key Features of IAM

- Granular access control
  - Multifactor authentication (MFA)
  - Identity federation
  - Identity and Access Management for AWS resources and accounts
- 



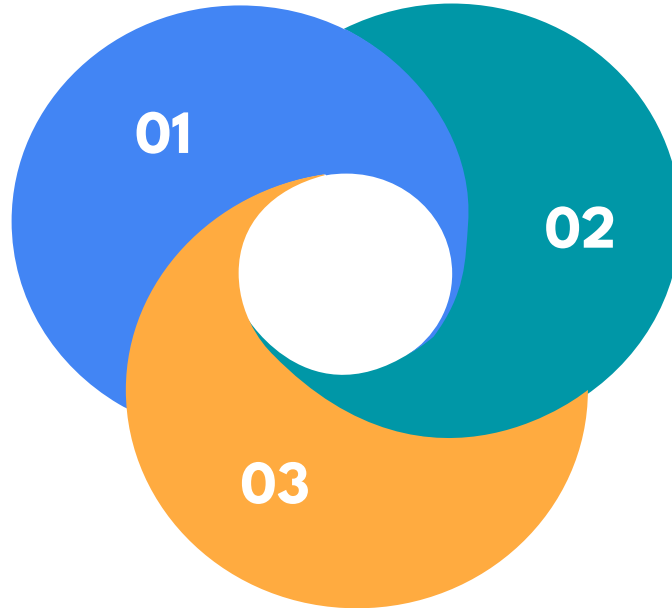
## Create IAM User

1. Follow the sign-in procedure appropriate to your user type as described in the topic [How to sign in to AWS](#) in the [AWS Sign-In User Guide](#).
2. On the Console Home page, select the IAM service.
3. In the navigation pane, select Users and then select Add users.
4. On the Specify user details page, under User details, in User name, enter the name for the new user. This is their sign-in name for AWS.



# Advantage of IAM User

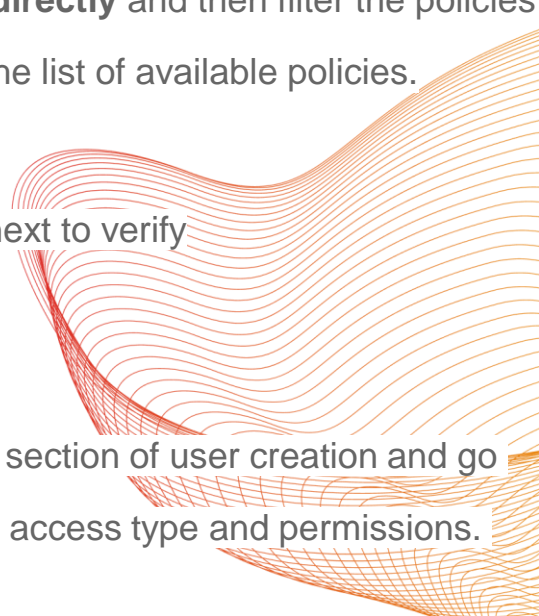
Used to delegate access  
to services that you trust



Secure way to grant  
permissions without  
sharing long-term  
credentials

For EC2 instances,  
Lambda functions, and  
more

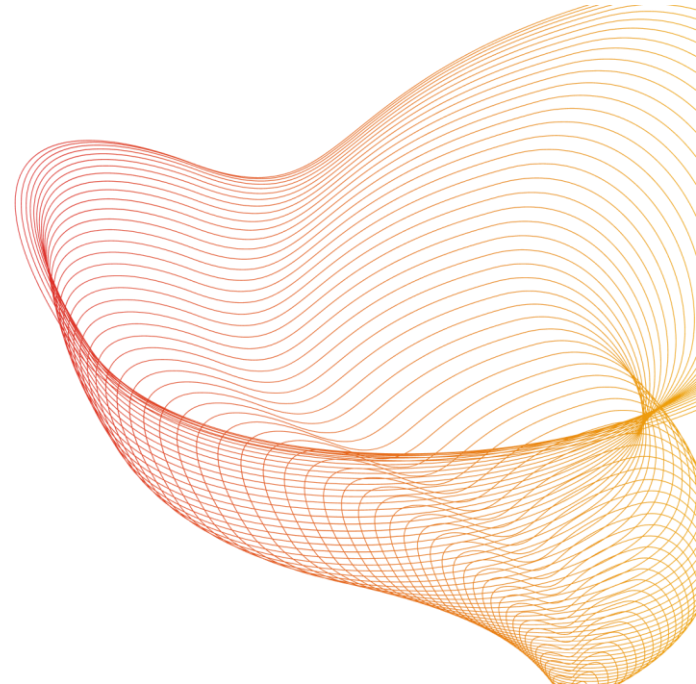
# IAM Policy

- 01 Set the user permissions.** Click **Attach existing policies directly** and then filter the policies by keyword: IAM. For this user, select IAMFullAccess from the list of available policies.
  - 02** Search and select all policy you want to allot this user click next to verify
  - 03 Finish the user setup.** For this tutorial, we will skip the tags section of user creation and go to the review page. Check the details of the username, AWS access type and permissions. Then, click **Create user**.
- 
- A decorative graphic consisting of multiple overlapping, wavy lines in shades of orange and red, located on the right side of the page.



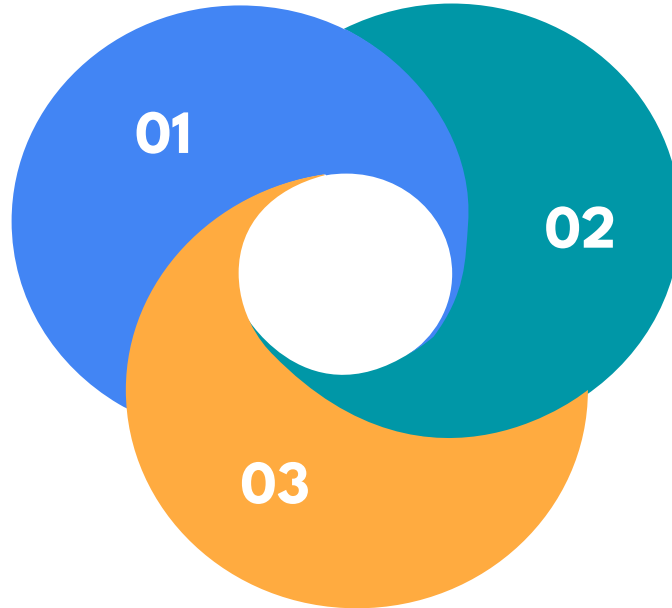
# IAM Best Practices

- Use strong and unique passwords
- Enable MFA for all IAM users
- Regularly rotate access keys
- Least privilege principle



# Conclusion

IAM is a critical  
component for securing  
your AWS resources



Properly manage users,  
roles, and policies

Follow best practices  
and regularly review the  
access permissions





**Thank you.**