

**EXPERIMENT NO.6**  
**DESIGN AND DEPLOY A PAAS ENVIRONMENT**

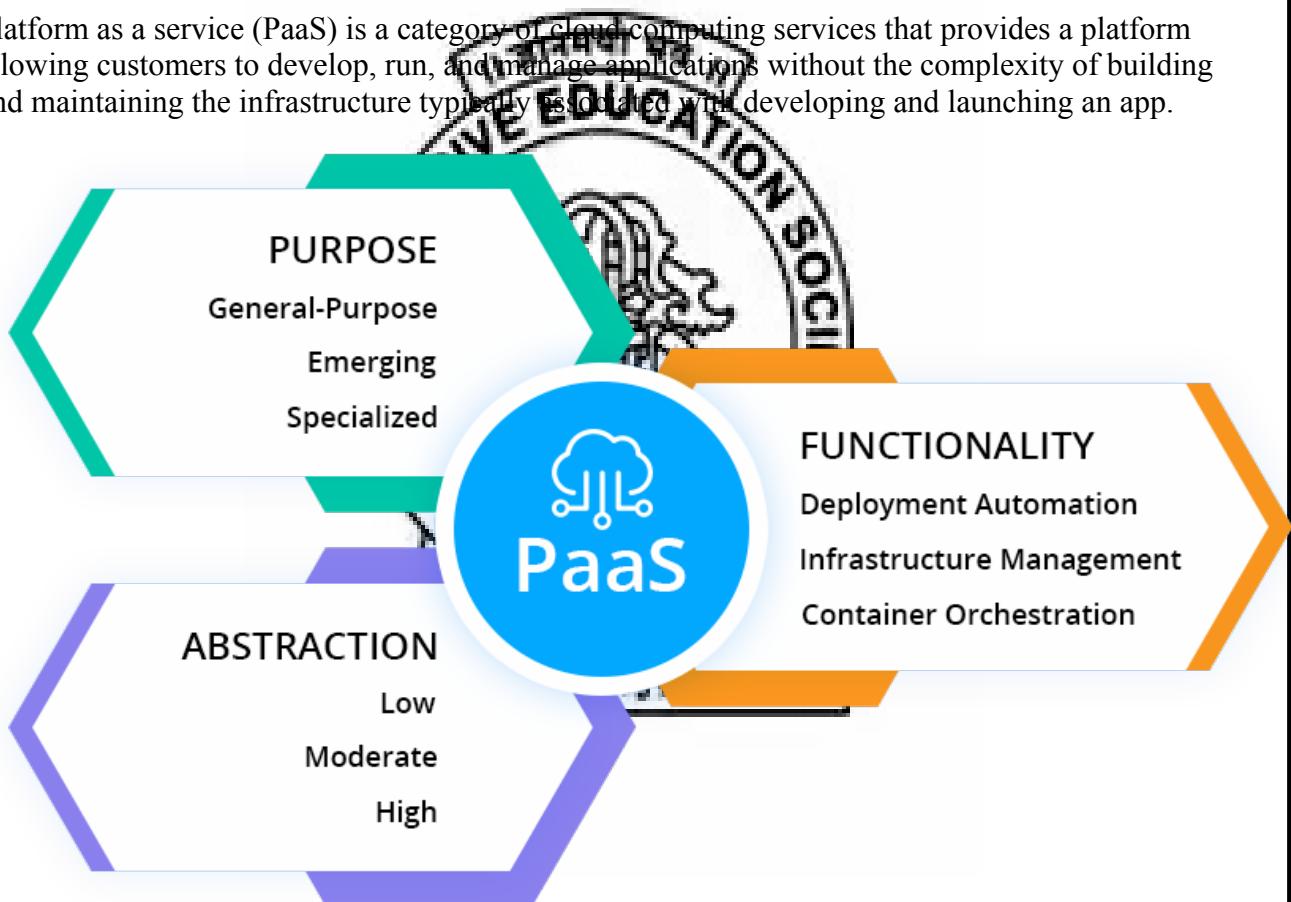
**AIM:** Design and deploy a PaaS environment.

**SOFTWARE:** AWS Amplify

**THEORY:**

## What is PaaS?

Platform as a service (PaaS) is a category of cloud computing services that provides a platform allowing customers to develop, run, and manage applications without the complexity of building and maintaining the infrastructure typically associated with developing and launching an app.



## What AWS Amplify is?

AWS Amplify is a set of purpose-built tools and features that lets frontend web and mobile developers quickly and easily build full-stack applications on AWS, with the flexibility to leverage the breadth of AWS services as your use cases evolve. With Amplify, you can configure a web or mobile app backend, connect your app in minutes, visually build a web frontend UI, and easily manage app content outside the AWS console. Ship faster and scale effortlessly—with no cloud expertise needed.

**PROCEDURE:**

1. Login to the AWS console
2. Find AWS Amplify in the services.
3. Get Started with Amplify service.
4. Click on Host a Web App.
5. Then choose to launch it with Github and authenticate your GitHub account for the same.
6. After that choose the Repository containing your source code (subfolder if needed)
7. Then Launch the application with the default configurations provided by AWS Amplify
8. Configurations may be different on type of framework / technology you are launching your application.

**CONCLUSION:**

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