Cloud based “Online Art Gallery” using PaaS with its Security, Privacy, and Compliance Challenges

Abstract

The paper comprises of deploying whole web application and its related services in cloud platform using PaaS, here major concern is to secure the data and maintain the data flow in a streamlined manner. Methodology adopted here is using virtualization technique and utilizing resource developing platform as a service platform and it is used as a service.

Online art gallery is the search engine friendly content management system in which user and admin interact with each other. Here the application is being deployed in Amazon AWS and PaaS used is Appfog which is build of cloud foundry, the open platform as a service and the database used is MySQL.

References

1. aws.amazon.com/what-is-cloud-computing/
2. www.appfog.com/docs/getstartes
3. wordpress.org/docs
4. docs.aws.amazon.com/gettingstarted/latest/awsgsg-intro/intro.html
5. aws.amazon.com/documentation/cloudformation
6. aws.amazon.com/documentation/cloud beanstalk
7. aws.amazon.com/documentation/cloudfront
8. aws.amazon.com/documentation/sqs
9. aws.amazon.com/documentation/sns
10. aws.amazon.com/documentation/ses
11. aws.amazon.com/documentation/cloudsearch
12. AWS_Securitywhitepaper march 2013.
13. aws.amazon.com/security

**Index Terms**

Computer Science

Distributed Systems

**Keywords**

Cloud Computing, Appfog, Wordpress, Amazon Web Services, Cloudnary, Cloudflare;