**Aws credentials**

**User** maxophp

**Access key ID** AKIAINUIBHKXCJM755LQ

**Secret access key** 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

deploy Php Application

Infrastructure:

Requirements

How to implement CI for Php app

CD pipeline

How to Deploy the Php Application

Challenges

next

How deploy php webapplication

Environment: 3 cloud severs :1.svn central repository

TortoiseSVN(local repo): doesn't require the Subversion command line client to run. And it is free to use, even in a commercial environment. Simply the coolest Interface to (Sub)Version Control!

2.gcp:jenkinsmaster

3.jenkins node 1 for build job

4.node 2 for deploy the application

Store Artifacts: aws S3(simple sotarage service) It stores the data in the form of object in the AWS Cloud

Dbconnection:aws RDS (mysql)

Amazon RDS is a managed relational database service which does routine database tasks  in 6 familiar databases like  Amazon Aurora, MySQL, MariaDB, Oracle, Microsoft SQL Server, and PostgreSQL

Jenkins:

Boasting a dominant market share, Jenkins is used by teams of all sizes, for projects in a wide variety

of languages and technologies, including .NET, Ruby, Groovy, Grails, PHP and more, as well as Java.

CI:

Continuous integration puts a great emphasis on testing automation to check that the application is not broken whenever new commits are integrated into the main branch.

CD:with continuous delivery, you can decide to release daily, weekly, fortnightly, or whatever suits your business requirements. However, if you truly want to get the benefits of continuous delivery, you should deploy to production as early as possible to make sure that you release small batches, that are easy to troubleshoot in case of a problem

CDEPLOYMENT:

Continuous deployment goes one step further than continuous delivery. With this practice, every change that passes all stages of your production pipeline is released to your customers. There's no human intervention, and only a failed test will prevent a new change to be deployed to production.

Source control:

Challenges :rollback

2.continus delivery

Webserver

Database-update data tables migrate data

3.continous integration

Always be ready to deploy

On-going deploy