

PPT - 2

DEPLOY WORDPRESS APPLICATION WITH AMAZON WEB SERVICES

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wordpress

What is the purpose of using WordPress?

WordPress is a content management system (CMS) that allows you to host and build websites. WordPress contains plugin architecture and a template system, so you can customize any website to fit your business, blog, portfolio, or online store.

SOME windly using commands in this project

1. `scp -i pemname.pem pemname.pem ec2-user@phaste the public ip:~`

This command is used to copy our pemfile to our instance

2 . `Tar xzvf latest.tar.gz`

This command is used to extract the files in wordpress

3. `Ssh -i "pemname.pem" ec2-user@phaste private ip`

This command is used to connect public through private instance

4. `Mysql -h phaste the end point of database -u admin -p`

This command is used to go into mysql the server

5. `Cp filename . Filename`

this command is used to copy all the data in one file to another file

CREATE THE RESOURCES

Step-1

1. Goto aws console login with root user
2. Goto IAM and create an iam user
3. Logout rootuser and log into iam user

Step-2

1. Create a vpc with cidr : 10.0.0.0/20

Step-3

1. Create a internet gateway using this vpc
2. Create a public subnet using this vpc and associate internet gateway

Step-4

1. Create a nat gateway using public subnet
2. Create a private subnet and associate nat gateway

Those subnets in different availability zones

Step-5

- 1.create a public route table using vpc
- 2.associate public subnet
3. add internet gateway with cidr 0.0.0.0/0

Step-6

- 1.create a private route table using vpc
- 2.associate private subnet
- 3.add nat gateway with cidr 0.0.0.0/0

step-7

- 1.create public instance attach vpc
2. attach public subnet and assign port 80

step-8

1. create a private instance attach vpc
- 2 . Attach private subnet and assign ports 80 & 3306

step-9

- 1.connect public instance to terminal
- 2.open new window copy pem file to our ec2 dashboard using(`scp -I pemname.pem pemname.pem ec2-user@phaste public ip:~`)

3. Change the root module rw-rw-r- to r----- using (chmod 400 pemname.pem)
4. Create wordpress using (wget http://wordpress.org/latest.tar.gz)
5. Then extract the wordpress files using (tar xzvf latest.tar.gz)
6. Go into wordpress directory . To give ls command and to see files
7. Install mysql and php and mariadb in public instance
8. Install private instance through public instance using (ssh -l pemname.pem ec2-user@ phaste private ip)
9. In private instance install mysql and go into mysql using (mysql -h phaste database end point -u admin -p) enter they ask password to give db password
10. Inside the mysql create a user and exit to mysql

Step-10

1. U r in public instance in wordpress dictory to see files create wp-config.php file and open wp-config-simple.php using “vi” command and to see some data to copy all the data to wp-config.php using “cp” command
2. Open wp-config.php file using “vi” command to see some data to give db name and id & end point of db & password and scroll down to see keys remove all keys and phaste new keys using browser then go outside using “:wq”
3. Then install httpd server using “yum -y install httpd” and start & enable the server & check status of the server and restart also
4. Browse public ip of public instance and assain port 80 then browse to see output in browser they show wordpress web page login that page.



THANK YOU

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