Chapter 1: Containers - Not Just Another Buzzword
Chapter 2: Rolling Up the Sleeves

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Dev-test pipeline automation, 100,000+ free apps, public and private registries

New to Docker?
Create your free Docker ID to get started.

Choose a Docker ID

Email address

Choose a password

Sign Up

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<table>
<thead>
<tr>
<th>Repository</th>
<th>Stars</th>
<th>Pulls</th>
</tr>
</thead>
<tbody>
<tr>
<td>nginx</td>
<td>6.5K</td>
<td>10M+</td>
</tr>
<tr>
<td>redis</td>
<td>4.0K</td>
<td>10M+</td>
</tr>
<tr>
<td>busybox</td>
<td>1.1K</td>
<td>10M+</td>
</tr>
<tr>
<td>ubuntu</td>
<td>6.3K</td>
<td>10M+</td>
</tr>
<tr>
<td>alpine</td>
<td>2.4K</td>
<td>10M+</td>
</tr>
<tr>
<td>registry</td>
<td>1.6K</td>
<td>10M+</td>
</tr>
</tbody>
</table>

https://hub.docker.com/_/nginx/
Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org. Commercial support is available at nginx.com.

Thank you for using nginx.

Index of /

| test.txt     | 05-Aug-2017 02:23 | 12 |
Just a test
Directory listing for /

- external/
  - README.md
- test.txt
Directory listing for /external/
Directory listing for /external/

- .Dockerfile.swp
- Dockerfile
- test.txt

- README.md
Chapter 3: Service Decomposition

Saved Words
Saved Words

- First
- Second
- Third
- Forth

Authentication Required

http://localhost:8080 requires a username and password.

User Name: 
Password: 

[ Log In ]
Saved Words

• Alpha
• Beta
• Gamma
• Delta
Chapter 4: Scaling the Containers
Saved Words

New word  Save

- Abcde
- fghijk
Chapter 5: Keeping the Data Persistent
Chapter 6: Advanced Deployment Topics
Chapter 7: The Limits of Scaling and the Workarounds
Chapter 8: Building Our Own Platform

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Account ID or alias
account_id

IAM user name
username

Password

********

Sign in using root account credentials

Sign In
Add user

Set user details
You can add multiple users at once with the same access type and permissions. Learn more

User name* test_user

Add another user

Select AWS access type
Select how these users will access AWS. Access keys and autogenerated passwords are provided in the last step. Learn more

Access type* Programmatic access
Enables an access key ID and secret access key for the AWS API, CLI, SDK, and other development tools.

AWS Management Console access
Enables a password that allows users to sign-in to the AWS Management Console.
Add user

Success
You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Users with AWS Management Console access can sign-in at: https://endlessem-content.signin.aws.amazon.com/console

Download .csv

<table>
<thead>
<tr>
<th>User</th>
<th>Access key ID</th>
<th>Secret access key</th>
</tr>
</thead>
<tbody>
<tr>
<td>test_user</td>
<td>AKIABCDEFABCDEF</td>
<td>123456789ABCDEF123456789ABCDEF</td>
</tr>
</tbody>
</table>
Showing 1 to 1 of 1 entries (filtered from 400 total entries)
Unlock Jenkins

To ensure Jenkins is securely set up by the administrator, a password has been written to the log (not sure where to find it?) and this file on the server:

/var/jenkins_home/secrets/initialAdminPassword

Please copy the password from either location and paste it below.

Administrator password

-------------------------
Welcome to Jenkins!

Please create new jobs to get started.
TASK [Deleting route table] ***********************************************
skipping: [localhost]

TASK [Deleting VPC] *****************************************
ok: [localhost]

PLAY RECAP *****************************************
localhost : ok=3 changed=0 unreachable=0 failed=0

+ ansible-playbook deploy.yml

[WARNING]: provided hosts list is empty, only localhost is available

PLAY [localhost] *****************************************

TASK [Setting up VPC] *******************************************
changed: [localhost]

TASK [set_fact] *******************************************
ok: [localhost]

TASK [Setting up the subnet] *******************************************
changed: [localhost]

TASK [Setting up the gateway] *******************************************
changed: [localhost]

TASK [Setting up routing table] *******************************************
changed: [localhost]

TASK [Setting up security group] *******************************************
changed: [localhost]

TASK [Provisioning cluster mode] *******************************************
changed: [localhost]

PLAY RECAP *******************************************
localhost : ok=7 changed=6 unreachable=0 failed=0

Finished: SUCCESS
Deploy cluster infrastructure (including Docker Registry)

Build Jenkins through CM tooling on a cluster node

Start the Jenkins Docker service (if needed)

Jenkins auto-starts builds of all images when loaded
Chapter 9: Exploring the Largest-Scale Deployments

Two AZ config, smaller AZ down

Two AZ config, larger AZ down

Three AZ config, larger AZ down