



## Apache2 Default Page

Ubuntu

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

### Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the `apache2-doc` package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
etc/apache2/  
|-- apache2.conf  
|   |-- ports.conf  
|-- mods-enabled/  
|   |-- *.load  
|   |-- *.conf  
|-- conf-enabled/  
|   |-- *.conf  
|-- sites-enabled/  
|   |-- *.conf  
/
```

- `apache2.conf` is the main configuration file. It puts the pieces together by including all remaining configuration files when starting up the web server.
- `ports.conf` is always included from the main configuration file. It is used to determine the listening ports for incoming connections, and this file can be customized anytime.
- Configuration files in the `mods-enabled/`, `conf-enabled/` and `sites-enabled/` directories contain particular configuration snippets which manage modules, global configuration fragments, or virtual host configurations, respectively.
- They are activated by symlinking available configuration files from their respective `*-available/` counterparts. These should be managed by using our helpers `a2enmod`, `a2dismod`, `a2ensite`, `a2dissite`, and `a2enconf`, `a2disconf`. See their respective man pages for detailed information.
- The binary is called `apache2` and is managed using `systemd`, so to start/stop the service use `systemctl start/stop apache2` and `systemctl enable/disable apache2`.

```
leo@LEO: ~/website
Using username 'leo'.
leo@192.168.56.124's password:
Linux LEO 6.1.0-21-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.90-1 (2024-05-03) x86_64
```

The programs included with the Debian GNU/Linux system are free software; the exact distribution terms for each program are described in the individual files in /usr/share/doc/\*/\*copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.

Last login: Mon Jun 24 12:00:18 2024 from 192.168.56.1

```
leo@LEO:~$ cd website/
leo@LEO:~/website$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 312 bytes | 312.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To github.com:MayurAkotkar/Liger.git
   6610b..a6110b master -> master
leo@LEO:~/website$ nano Dockerfile
leo@LEO:~/website$ git add .
leo@LEO:~/website$ git commit -m "ADDED BY LIGER"
[master 0664822] ADDED BY LIGER
 1 file changed, 3 insertions(+)
 create mode 100644 Dockerfile
leo@LEO:~/website$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 979 bytes | 139.80 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To github.com:MayurAkotkar/Liger.git
   a6110b..0664822 master -> master
leo@LEO:~/website$ nano Dockerfile
leo@LEO:~/website$ cd /var/www/
-leash: cd: /var/www/: No such file or directory
leo@LEO:~/website$
```

```
admin@ip-172-31-42-121:~$  
Jun 24 16:13:47 ip-172-31-39-42 jenkins[8519]: 2024-06-24 16:13:47.076+0000 [16  
Jun 24 16:13:47 ip-172-31-39-42 jenkins[8519]: 2024-06-24 16:13:47.136+0000 [16  
Jun 24 16:13:47 ip-172-31-39-42 systemd[1]: Started jenkins.service - Jenkins C  
lines 1-20/20 (KIDU)  
admin@ip-172-31-39-42:~$ cd /var/www  
-bash: cd: /var/www: No such file or directory  
admin@ip-172-31-39-42:~$ su - jenkins  
Password:  
admin@ip-172-31-39-42:~$ su -  
Password:  
admin@ip-172-31-39-42:~$ history  
1 ssh admin@65.1.136.121  
2 sudo apt update  
3 nano jenkins.sh  
4 bash ./jenkins.sh  
5 sudo systemctl status jenkins  
6 sudo apt install docker.io  
7 sudo usermod jenkins -s docker  
8 sudo systemctl restart jenkins  
9 sudo systemctl status jenkins  
10 su -ncl  
11 su -ncl  
12 su -ncl  
13 cat /var/lib/jenkins/secrets/initialAdminPassword  
14 sudo cat /var/lib/jenkins/secrets/initialAdminPassword  
15 3f6579a8006486c9177e52ed9bb1ff8  
16 sudo docker images  
17 sudo docker ps -a  
18 su -  
19 sudo su  
20 sudo apt update  
21 nano jenkins.sh  
22 bash ./jenkins.sh  
23 sudo systemctl status jenkins.service  
24 sudo apt install docker.io  
25 sudo usermod jenkins -s jenkins  
26 sudo usermod jenkins -s docker  
27 sudo systemctl restart jenkins  
28 sudo systemctl restart jenkins.service  
29 sudo systemctl status jenkins.service  
30 cd /var/www  
31 su - jenkins  
32 su -  
33 history  
admin@ip-172-31-39-42:~$ su  
Password:  
admin@ip-172-31-39-42:~$ su -  
su: user 'does not exist or the user entry does not contain all the required fi  
elds'  
admin@ip-172-31-39-42:~$ sudo -i  
root@ip-172-31-39-42:~# su - jenkins  
jenkins@ip-172-31-39-42:~$ ssh admin@65.1.136.121  
Linux ip-172-31-42-121 6.1.0-13-cloud-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.50  
-1 (2023-09-29) x86_64  
  
The programs included with the Debian GNU/Linux system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/*copyright.  
  
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent  
permitted by applicable law.  
Last login: Mon Jun 24 16:32:49 2024 from 154.84.255.140  
admin@ip-172-31-42-121:~$ exit  
logout  
admin@ip-172-31-42-121:~$
```

```
admin@ip-172-31-38-237: ~  
Using username "admin".  
Authenticating with public key "worker1"  
Linux ip-172-31-38-237 6.1.0-19-cloud-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.55  
-1 (2023-09-29) x86_64
```

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individual files in /usr/share/doc/\*/\*copyright.

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permitted by applicable law.

Last login: Mon Jun 24 17:18:12 2024 from 184.84.355.149

admin@ip-172-31-38-237:~\$ docker ps -a

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
admin@ip-172-31-38-237:~\$						

Webhooks - Settings - MayurA...SecurityGroup | EC2 | ap-south...Liger #8 Console [jenkins]mayurakotkar022/liger general

hub.docker.com/repository/docker/mayurakotkar022/liger/general

dockerhub

ExploreRepositoriesOrganizations

Search Docker Hub

ctrl+K

?

M

mayurakotkar022 / Repositories / liger / General

Using 0 of 1 private repositories. [Get more](#)

GeneralTagsBuildsCollaboratorsWebhooksSettings

mayurakotkar022/liger

Updated 5 minutes ago

This repository does not have a description [✎](#) INCOMPLETE

This repository does not have a category [✎](#) INCOMPLETE

Docker commands

To push a new tag to this repository:

`docker push mayurakotkar022/liger:tagname`

Public View

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
latest		Image	7 minutes ago	5 minutes ago

[See all](#)

Automated Builds

Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.

Available with Pro, Team and Business subscriptions. [Read more about automated builds](#).

Upgrade

Repository overview INCOMPLETE

An overview describes what your image does and how to run it. It displays in [the public view of your repository](#) once you have pushed some content.

Add overview

Webhooks - Settings - MayurA

Instances | EC2 | ap-south-1

Liger #8 Console [jenkins]

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#instances

awsServicesSearch[Alt+S]

EC2 Dashboard

EC2 Global View

Events

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

Load Balancing

Load Balancers

Instances (7) Info

Find instance by attribute or tag (case-sensitive)

All states

Connect

Instance state

Actions

Launch instances

< 1 >

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP
<input type="checkbox"/>	LED server	i-0b1ffe455759bc8ea	Stopped	t2.micro	—	View alarms +	ap-south-1a	—	—	—
<input type="checkbox"/>	Fun server	i-089304a486c25042e	Stopped	t2.micro	—	View alarms +	ap-south-1a	—	—	—
<input type="checkbox"/>	HOME	i-0e1946aef4f91996b	Stopped	t2.micro	—	View alarms +	ap-south-1a	—	—	—
<input type="checkbox"/>	mayur	i-024b250b192028aae	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1a	ec2-13-201-38-39.ap-s...	13.201.38.39	—
<input type="checkbox"/>	worker-2	i-0251a3688ee93a249	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1a	ec2-3-108-56-85.ap-so...	3.108.56.85	—
<input type="checkbox"/>	docker-worker1	i-005f855d78298ef56	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1a	ec2-3-111-149-63.ap-s...	3.111.149.63	—
<input type="checkbox"/>	DOCKER-swap...	i-04417369d7042c8d5	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1a	ec2-65-1-136-121.ap-s...	65.1.136.121	—

Select an instance

Windows Taskbar

System Tray

MayurAkotkar / Liger

github.com/MayurAkotkar/Liger

CodeIssuesPull requestsActionsProjectsWikiSecurityInsightsSettings

LigerPublic

PinUnwatchFork0Star0

master1 Branch0 TagsGo to fileAdd fileCode

MayurAkotkarADDED BY LIGER0664822 · 2 hours ago3 Commits

Dockerfile	ADDED BY LIGER	2 hours ago
README.md	Initial commit	2 hours ago
index.html	ADDED BY LEO	2 hours ago

README

Liger

About

No description, website, or topics provided.

ReadmeActivity0 stars1 watching0 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

Languages

Dockerfile 72.1%HTML 27.9%

Suggested workflows

Based on your tech stack

Docker image

Configure

Build a Docker image to deploy, run, or push to a registry.

Summarize this page (Ctrl+Shift+S)

ENG12:14 AM

Liger #8 Console [Jenkins]

Not secure 13.201.38.39:8080/job/Liger/8/console

151

LEO

log out

Dashboard > Liger > #8 > Console Output

Status

Changes

Console Output

View as plain text

Edit Build Information

Delete build '#8'

Timings

Git Build Data

Previous Build

Timestamps

View as plain text

System clock time

Use browser timezone

Elapsed time

None

Console Output

23:45:33 Started by user LEO  
23:45:33 Running as SYSTEM  
23:45:33 Building in workspace /var/lib/jenkins/workspace/Liger  
23:45:33 The recommended git tool is: NONE  
23:45:33 No credentials specified  
23:45:33 > git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/Liger/.git # timeout=10  
23:45:33 Fetching changes from the remote Git repository  
23:45:33 > git config remote.origin.url https://github.com/MayurAkotkar/Liger.git # timeout=10  
23:45:33 Fetching upstream changes from https://github.com/MayurAkotkar/Liger.git  
23:45:33 > git --version # timeout=10  
23:45:33 > git --version # 'git version 2.39.2'  
23:45:33 > git fetch --tags --force --progress -- https://github.com/MayurAkotkar/Liger.git +refs/heads/\*:refs/remotes/origin/\* # timeout=10  
23:45:33 > git rev-parse refs/remotes/origin/master^{commit} # timeout=10  
23:45:33 Checking out Revision 0664822ac6ff5b91f885cec4fd11adb0e48fc4ce (refs/remotes/origin/master)  
23:45:33 > git config core.sparsecheckout # timeout=10  
23:45:33 > git checkout -f 0664822ac6ff5b91f885cec4fd11adb0e48fc4ce # timeout=10  
23:45:33 Commit message: "ADDED BY LIGER"  
23:45:33 > git rev-list --no-walk 0664822ac6ff5b91f885cec4fd11adb0e48fc4ce # timeout=10  
23:45:33 [Liger] \$ /bin/sh -xe /tmp/jenkins803826400440040407230.sh  
23:45:33 + docker build -t mayurakotkar022/Liger .  
23:45:33 Sending build context to Docker daemon 69.63kB  
  
23:45:33 Step 1/3 : FROM ubuntu:apache2  
23:45:33 ----> 8cd16dedafae  
23:45:33 Step 2/3 : COPY ./index.html /var/www/html  
23:45:33 ----> Using cache  
23:45:33 ----> 1d70a8653274  
23:45:33 Step 3/3 : EXPOSE 80  
23:45:33 ----> Using cache  
23:45:33 ----> bb67f371db38  
23:45:33 Successfully built bb67f371db38  
23:45:33 Successfully tagged mayurakotkar022/Liger:latest  
23:45:33 + docker login -u mayurakotkar022 -p Leo054321  
23:45:33 WARNING! Using --password via the CLI is insecure. Use --password-stdin.

ENG

12:14 AM

6/26/2024



Liger #8 Console [Jenkins]

Not secure 13.201.38.39:8080/job/Liger/8/console

Dashboard > Liger > #8 > Console Output

Timestamps

View as plain text

System clock time

Use browser timezone

Elapsed time

None

23:45:35 WARNING: Your password will be stored unencrypted in /var/lib/jenkins/.docker/config.json. Configure a credential helper to remove this warning. See <https://docs.docker.com/engine/reference/commandline/login/#credentials-store>

23:45:35 Login Succeeded

23:45:35 + docker tag mayurakotkar022/liger mayurakotkar022/liger

23:45:35 + docker push mayurakotkar022/liger

23:45:35 Using default tag: latest

23:45:35 The push refers to repository [docker.io/mayurakotkar022/liger]

23:45:36 078007410056: Preparing

23:45:36 5547105330f6: Preparing

23:45:36 ac0108c6363d: Preparing

23:45:36 07f383acf79d: Preparing

23:45:37 07f383acf79d: Layer already exists

23:45:37 5547105330f6: Layer already exists

23:45:37 ac0108c6363d: Layer already exists

23:45:38 078007410056: Layer already exists

23:45:39 latest: digest: sha256:040fce7d3331dc4ccbb00b573040f188e9fe443e0b2f1b01c05530953365d0c size: 1155

23:45:39 + ssh admin@65.1.136.121 docker pull mayurakotkar022/liger;docker service create --replicas 2 --name webserver --p 8003:80 mayurakotkar022/liger

23:45:40 Using default tag: latest

23:45:42 latest: Pulling from mayurakotkar022/liger

23:45:42 Digest: sha256:040fce7d3331dc4ccbb00b573040f188e9fe443e0b2f1b01c05530953365d0c

23:45:42 Status: Image is up to date for mayurakotkar022/liger:latest

23:45:42 docker.io/mayurakotkar022/liger:latest

23:45:45 ahd4gloSp0cn1tknqiva056g

23:45:45 overall progress: 0 out of 2 tasks

23:45:45 1/2:

23:45:45 2/2:

23:45:45 overall progress: 0 out of 2 tasks

23:45:45 overall progress: 0 out of 2 tasks

23:45:45 overall progress: 0 out of 2 tasks

23:45:45 overall progress: 0 out of 2 tasks

23:45:46 overall progress: 0 out of 2 tasks

23:45:46 overall progress: 0 out of 2 tasks

23:45:46 overall progress: 0 out of 2 tasks

23:45:46 overall progress: 0 out of 2 tasks

23:45:46 overall progress: 0 out of 2 tasks

23:45:46 overall progress: 0 out of 2 tasks

23:45:47 overall progress: 0 out of 2 tasks

23:45:47 overall progress: 0 out of 2 tasks

23:45:47 overall progress: 0 out of 2 tasks

23:45:47 overall progress: 0 out of 2 tasks

ENG

12:15 AM

Liger #8 Console [Jenkins]

Not secure 13.201.38.39:8080/job/Liger/8/console

Dashboard > Liger > #8 > Console Output

Timestamps

View as plain text

System clock time

☒

Use browser timezone

☐ Elapsed time

☐ None

23:45:53 overall progress: 1 out of 2 tasks

23:45:53 overall progress: 1 out of 2 tasks

23:45:53 overall progress: 1 out of 2 tasks

23:45:53 overall progress: 1 out of 2 tasks

23:45:54 overall progress: 1 out of 2 tasks

23:45:54 overall progress: 1 out of 2 tasks

23:45:54 overall progress: 1 out of 2 tasks

23:45:54 overall progress: 1 out of 2 tasks

23:45:54 overall progress: 1 out of 2 tasks

23:45:54 overall progress: 1 out of 2 tasks

23:45:55 overall progress: 2 out of 2 tasks

23:45:55 verify: Waiting 5 seconds to verify that tasks are stable...

23:45:55 verify: Waiting 5 seconds to verify that tasks are stable...

23:45:55 verify: Waiting 5 seconds to verify that tasks are stable...

23:45:55 verify: Waiting 5 seconds to verify that tasks are stable...

23:45:55 verify: Waiting 5 seconds to verify that tasks are stable...

23:45:56 verify: Waiting 4 seconds to verify that tasks are stable...

23:45:56 verify: Waiting 4 seconds to verify that tasks are stable...

23:45:56 verify: Waiting 4 seconds to verify that tasks are stable...

23:45:56 verify: Waiting 4 seconds to verify that tasks are stable...

23:45:56 verify: Waiting 4 seconds to verify that tasks are stable...

23:45:56 verify: Waiting 4 seconds to verify that tasks are stable...

23:45:56 verify: Waiting 4 seconds to verify that tasks are stable...

23:45:56 verify: Waiting 4 seconds to verify that tasks are stable...

23:45:56 verify: Waiting 4 seconds to verify that tasks are stable...

23:45:57 verify: Waiting 3 seconds to verify that tasks are stable...

23:45:57 verify: Waiting 3 seconds to verify that tasks are stable...

23:45:57 verify: Waiting 3 seconds to verify that tasks are stable...

23:45:57 verify: Waiting 3 seconds to verify that tasks are stable...

23:45:57 verify: Waiting 3 seconds to verify that tasks are stable...

23:45:58 verify: Waiting 3 seconds to verify that tasks are stable...

23:45:58 verify: Waiting 2 seconds to verify that tasks are stable...

23:45:58 verify: Waiting 2 seconds to verify that tasks are stable...

23:45:58 verify: Waiting 2 seconds to verify that tasks are stable...

23:45:58 verify: Waiting 2 seconds to verify that tasks are stable...

23:45:58 verify: Waiting 2 seconds to verify that tasks are stable...

23:45:59 verify: Waiting 2 seconds to verify that tasks are stable...

23:45:59 verify: Waiting 1 seconds to verify that tasks are stable...

23:45:59 verify: Waiting 1 seconds to verify that tasks are stable...

23:45:59 verify: Waiting 1 seconds to verify that tasks are stable...

23:45:59 verify: Waiting 1 seconds to verify that tasks are stable...

23:45:59 verify: Waiting 1 seconds to verify that tasks are stable...

23:46:00 verify: Waiting 1 seconds to verify that tasks are stable...

23:46:00 verify: Service converged

23:46:00 Finished: SUCCESS

REST API

Jenkins 2.457.2

ENG

12:15 AM

```
admin@ip-172-31-41-186:~$  
Using username "admin".  
Authenticating with public key "worker-2"  
Linux ip-172-31-41-186 6.1.0-19-cloud-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.55  
-1 (2023-09-29) x86_64
```

The programs included with the Debian GNU/Linux system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/\*/\*copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent  
permitted by applicable law.

Last login: Mon Jun 24 16:54:42 2024 from 194.84.155.149

admin@ip-172-31-41-186:~\$ ss -ntl

State	Recv-Q	Send-Q	Local Address:Port	Peer Address:Port	Process
LISTEN	0	128	0.0.0.0:22	0.0.0.0:*	
LISTEN	0	4096	0.0.0.0:5555	0.0.0.0:*	
LISTEN	0	4096	127.0.0.53:53	0.0.0.0:*	
LISTEN	0	4096	127.0.0.54:53	0.0.0.0:*	
LISTEN	0	4096	127.0.0.1:40057	0.0.0.0:*	
LISTEN	0	128	:::22	:::*	
LISTEN	0	4096	:::5555	:::*	

admin@ip-172-31-41-186:~\$ sudo docker swarm leave

Node left the swarm.

admin@ip-172-31-41-186:~\$ docker swarm join --token SWMTKN-1-00kkao98bcpk3ewurn  
3vjfad7wlpjdmfuqlwkl559mk5quqb-3re3hehapp9uvf4odivmh1ql 65.1.196.121:2377  
This node joined a swarm as a worker.

admin@ip-172-31-41-186:~\$ docker images

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
ubuntu/apache2	<name>	8c91ddadafad	2 weeks ago	181MB

admin@ip-172-31-41-186:~\$ docker ps -a

CONTAINER ID	IMAGE	COMMAND	CREATED
195359c22fa0b	ubuntu/apache2:latest	"apache2-foreground"	About a minute ago
Up About a minute	80/tcp	webserver.2.4ge6jaye06w16zga7cyk7vrx3	

admin@ip-172-31-41-186:~\$



```
admin@ip-172-31-42-121:~$ sudo docker swarm leave
Error response from daemon: You are attempting to leave the swarm on a node that
is participating as a manager. Removing the last manager creates all current sta
te of the swarm. Use '--force' to ignore this message.
admin@ip-172-31-42-121:~$ sudo docker swarm leave --force
Node left the swarm.
admin@ip-172-31-42-121:~$ sudo docker swarm init --advertise-addr 65.1.136.121
Swarm initialized: current node (3e62zx0pbr1l02slnlrplb0rt) is now a manager.

To add a worker to this swarm, run the following command:

    docker swarm join --token SWMTKN-1-00kkao98btpx3ewurn3vjfad7wlpjdmfuqlwskls
59mk5gugb-3re3hehxp9uvt4odivmhhlgi 65.1.136.121:2377

To add a manager to this swarm, run 'docker swarm join-token manager' and follow
the instructions.

admin@ip-172-31-42-121:~$ docker swarm join --token SWMTKN-1-00kkao98btpx3ewurn
3vjfad7wlpjdmfuqlwskls59mk5gugb-3re3hehxp9uvt4odivmhhlgi 65.1.136.121:2377
Error response from daemon: This node is already part of a swarm. Use "docker sw
arm leave" to leave this swarm and join another one.
admin@ip-172-31-42-121:~$ docker node ls
+---+-----+-----+-----+-----+
ID                                HOSTNAME                                STATUS  AVAILABILITY  MANAG
ER STATUS  ENGINE VERSION
fya6mridzg0rg92lugs2p61se        ip-172-31-38-237  Ready   Active
20.10.14+dfsg1
669mwkpa9zshw6zssfnal9e         ip-172-31-41-186  Ready   Active
20.10.14+dfsg1
3e62zx0pbr1l02slnlrplb0rt        ip-172-31-42-121  Ready   Active        Leader
20.10.14+dfsg1
admin@ip-172-31-42-121:~$ docker pull ubuntu/apache2
Using default tag: latest
latest: Pulling from ubuntu/apache2
5b73025c5fac: Pull complete
d328daf54883: Pull complete
8da86b7f42f2: Pull complete
Digest: sha256:2768a1558909b8b7c71d49b8f13e35a5b1108a0c41c886e6eb93d9ec79a561962
Status: Downloaded newer image for ubuntu/apache2:latest
docker.io/ubuntu/apache2:latest
admin@ip-172-31-42-121:~$ docker images
+-----+-----+-----+-----+-----+
REPOSITORY          TAG          IMAGE ID          CREATED          SIZE
ubuntu/apache2      latest       8c916dedafe0      2 weeks ago      181MB
admin@ip-172-31-42-121:~$ docker run -d --name webserver -p 80:80 ubuntu/apache2
:latest
1be2c0ae5838fa0ea9bd77f98b22c61dd26e48d3b54e6dlb921049137697bbdc
admin@ip-172-31-42-121:~$ docker service create --name webserver -p 80:80 --repl
ices 2 ubuntu/apache2
webserver2ljpxm4wkn6lfwb0f
Overall progress: 2 out of 2 tasks
1/2: running
2/2: running
Verify: Service converged
admin@ip-172-31-42-121:~$ docker ps -a
+-----+-----+-----+-----+-----+
CONTAINER ID        IMAGE               COMMAND                  NAMES                  CREATED          S
TATUS
8b10bce967ff       ubuntu/apache2:late
st                    "apache2-foreground"    webserver.1.fcmmg4skms9nljg6l1kly2pl 38 minutes ago   U
p 38 minutes
p 38 minutes      80/tcp
1kxly2pl
1ba2c0ae5838       ubuntu/apache2:late
st                    "apache2-foreground"    webserver               38 minutes ago   U
p 38 minutes
0.0.0.0:80->80/tcp, :::80->80/tcp
admin@ip-172-31-42-121:~$ docker ps -a
+-----+-----+-----+-----+-----+
CONTAINER ID        IMAGE               COMMAND                  NAMES                  CREATED          STATUS          PORTS          NAMES
8b10bce967ff       ubuntu/apache2:late
st                    "apache2-foreground"    webserver.1.fcmmg4skms9nljg6l1kly2pl 38 minutes ago   Up 38 minutes   80/tcp         webserver.1.fcmmg4skms9nljg6l1kly2pl
1ba2c0ae5838       ubuntu/apache2:late
st                    "apache2-foreground"    webserver               38 minutes ago   Up 38 minutes   0.0.0.0:80->80/tcp, :::80->80/tcp         webserver
```