

Chapter 2: Provisioning IaaS with Terraform

[Create Key Pair](#) [Import Key Pair](#) [Delete](#)

Filter by attributes or search by keyword

Key pair name Fingerprint

<input type="checkbox"/> admin_key	54:50:ab:b4:9e:e5:71:ed:a8:e7:d6:0b:c8:af:d1:f2
------------------------------------	---

Name	Group ID	Group Name	VPC ID	Description
base_security_group	sg-41c9ca26	base_security_group	vpc-5d43c039	Base Security Group

Security Group: sg-41c9ca26

Description **Inbound** Outbound Tags

Edit

Type	Protocol	Port Range	Source
SSH	TCP	22	1.2.3.4/32

Zone	Name	Version	Arch	Instance Type	Release	AMI-ID	AKI-ID
eu-west-1	xenial	16.04 LTS	amd64	hvm:eks-ssd	20160830	ami-ee6b189d	hvm
<input type="text" value="eu-west-1"/>	<input type="text" value="xenial"/>	<input type="text" value="Any"/>	<input type="text" value="Any"/>	<input type="text" value="hvm:eks-ssd"/>	<input type="text" value="Any"/>	<input type="text" value="Any"/>	<input type="text" value="Any"/>

Showing 1 to 1 of 1 entries (filtered from 1,017 total entries)

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status
Ubuntu launched by Terraform	i-0018b104...	t2.micro	eu-west-1b	running	Initializing	None

Instance: **i-0018b1044953371ae (Ubuntu launched by Terraform)** Public DNS: **ec2-52-210-12-27.eu-west-1.compute.amazonaws.com**

Description | Status Checks | Monitoring | Tags

Instance ID	i-0018b1044953371ae	Public DNS	ec2-52-210-12-27.eu-west-1.compute.amazonaws.com
Instance state	running	Public IP	52.210.12.27
Instance type	t2.micro	Elastic IPs	
Private DNS	ip-172-31-18-156.eu-west-1.compute.internal	Availability zone	eu-west-1b
Private IPs	172.31.18.156	Security groups	base_security_group . view rules

Name	Instance ID	Instance Type	Availability Zone	Instance State
Ubuntu launched by Terraform	i-022f14c450927ebc8	t2.micro	eu-west-1b	running
Ubuntu launched by Terraform	i-0018b1044953371ae	t2.micro	eu-west-1b	running

All Buckets (1)

Name
iac-book

Bucket: iac-book

Bucket: iac-book
Region: Ireland
Creation Date: Mon Sep 05 12:23:48 GMT+200 2016

All Buckets / iac-book

Name	Storage Class	Size	Last Modified
index.html	Standard	47 bytes	Mon Sep 05 12:23:57 GMT+200 2016

Object: index.html

Bucket: iac-book
Name: index.html
Link: <https://s3-eu-west-1.amazonaws.com/iac-book/index.html>
Size: 47
Last Modified: Mon Sep 05 12:23:57 GMT+200 2016

Create Metric Filter

Actions ▾

Filter: ×

Log Groups

Expire Events After

docker_logs

1 week (7 days)

Expand all Row Text



Filter events

all 30s 5m 1h 6h 1d 1w custom ▾

Message

2016-09-07 09:52:59

No older events found at the moment. [Retry.](#)









172.17.0.1 - - [07/Sep/2016:07:52:59 +0000] "GET / HTTP/1.1" 200 612 "-" "curl/7.47.1" "-"

172.17.0.1 - - [07/Sep/2016:07:52:59 +0000] "GET / HTTP/1.1" 200 612 "-" "curl/7.47.1" "-"

172.17.0.1 - - [07/Sep/2016:07:53:00 +0000] "GET / HTTP/1.1" 200 612 "-" "curl/7.47.1" "-"

No newer events found at the moment. [Retry.](#)

Filter: **AWS Managed Policies**

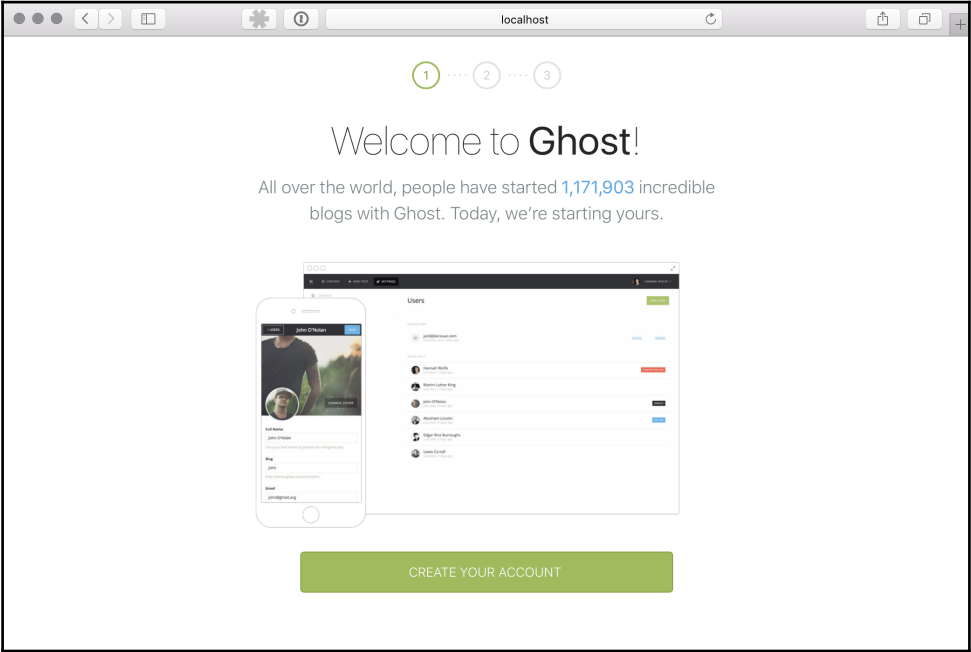
		Policy Name ↕	Attached Entities ^	Creation Time ↕
<input type="checkbox"/>		AmazonEC2ContainerRegistry...	0	2015-12-21 18:06 UTC+0200
<input type="checkbox"/>		AmazonEC2ContainerRegistry...	0	2015-12-21 18:05 UTC+0200
<input type="checkbox"/>		AmazonEC2ContainerRegistry...	0	2015-12-21 18:04 UTC+0200
<input type="checkbox"/>		AmazonEC2ContainerServiceA...	0	2016-05-13 01:25 UTC+0200
<input type="checkbox"/>		AmazonEC2ContainerServicef...	0	2015-03-19 19:45 UTC+0200
<input type="checkbox"/>		AmazonEC2ContainerServiceF...	0	2015-04-24 18:54 UTC+0200
<input type="checkbox"/>		AmazonEC2ContainerServiceR...	0	2015-04-09 18:14 UTC+0200
<input type="checkbox"/>		AmazonEC2FullAccess	0	2015-02-06 19:40 UTC+0200

Filter

Showing 3 results

<input type="checkbox"/>	User Name ↕	Groups	Password	Password Last Used ↕	Access Keys	Creation Time ↕
<input type="checkbox"/>	joe	0		N/A	1 active	2016-09-07 10:04 U...
<input type="checkbox"/>	logs	0		N/A	1 active	2016-09-07 10:04 U...
<input type="checkbox"/>	mary	0		N/A	1 active	2016-09-07 10:04 U...

Chapter 3: Going Further with Terraform



Versions:

	Name	Storage Class	Size
<input type="checkbox"/>	terraform.tfstate	Standard	5.3 KB

Bucket: iacbook-tfstate

Bucket: iacbook-tfstate
Region: Ireland
Creation Date: Sat Sep 10 20:59:39 GMT+200 2016
Owner: fasten+iacbook
MFA Delete: Not Enabled

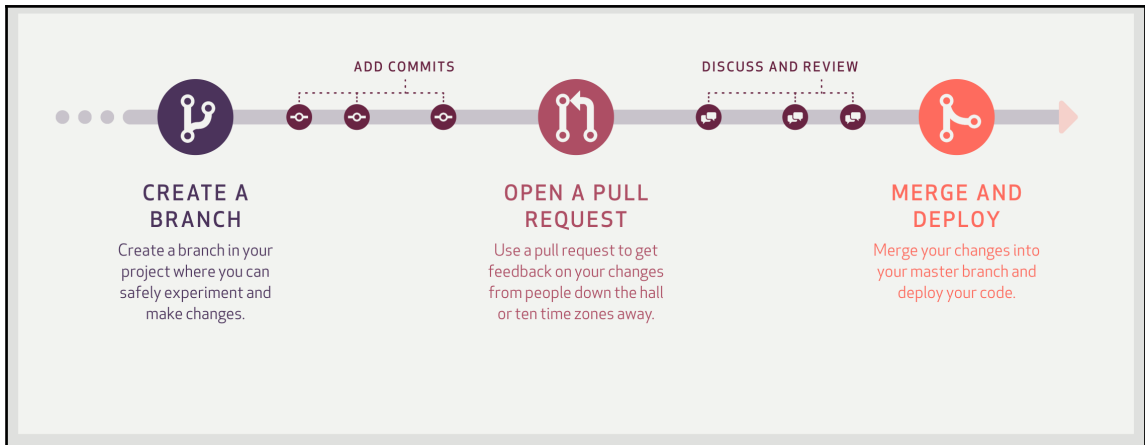
- Permissions
- Static Website Hosting
- Logging
- Events
- Versioning
- Lifecycle

AWS
Services
Edit

Versions:

All Buckets / iacbook-tfstate



	Name / Version	Create Date	Storage Class	Version ID
<input type="checkbox"/>	terraform.tfstate	--	--	--
<input type="checkbox"/>		Sat Sep 10 21:36:06 GMT+200 2016	Standard	7yxTB.Ca3h7eL8yXWv9uf9I_ztJ8POZu
<input type="checkbox"/>		Sat Sep 10 21:35:13 GMT+200 2016	Standard	fSZ_Ne9iBq6ia7hhR7cgVnKKM5EBGgsK
<input type="checkbox"/>		Sat Sep 10 21:25:34 GMT+200 2016	Standard	T2l1GHqX.q8OQeyT_9PqMxxTWCNRKXX



Create a new repository

A repository contains all the files for your project, including the revision history.

Owner **Repository name**

 **sjourdan** / 

Great repository names are short and memorable. Need inspiration? How about **legendary-octo-sniffle**.

Description (optional)

Public
Anyone can see this repository. You choose who can commit.

Private
You choose who can see and commit to this repository.

[Code](#)
[Issues 0](#)
[Pull requests 0](#)
[Wiki](#)
[Pulse](#)
[Graphs](#)
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My Organisation Infrastructure Code — Edit

1 commit
 1 branch
 0 releases
 1 contributor

Your recently pushed branches:

[new_infrastructure](#) (less than a minute ago)
 [Compare & pull request](#)

Branch: [master](#)
[New pull request](#)
[Create new file](#)
[Upload files](#)
[Find file](#)
[Clone or download](#)


 **sjourdan** Initial commit
 Latest commit `b213e7c` 26 minutes ago


[README.md](#) Initial commit 26 minutes ago










[Code](#)
[Issues 0](#)
[Pull requests 0](#)
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[Pulse](#)
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Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).



 base: [master](#)
 ...
 compare: [new_infrastructure](#)
✓ Able to merge. These branches can be automatically merged.





Write Preview
 AA B i
 










This pull request includes a single [CoreOS](#) member on [AWS](#).

Attach files by dragging & dropping or [selecting them](#).

 Styling with Markdown is supported
 [Create pull request](#)

Labels 
 None yet

Milestone 
 No milestone

Assignees 
 No one—assign yourself

<> Code ⓘ Issues 0 🔗 Pull requests 1 📖 Wiki ↶ Pulse 📊 Graphs ⚙️ Settings

Filters 🔽 🔍 is:pr is:open Labels Milestones New pull request

1 Open ✓ 0 Closed Author ▾ Labels ▾ Milestones ▾ Assignee ▾ Sort ▾

🌱 an initial infrastructure
#1 opened a minute ago by sjourdan

1 provider.tf Show notes View 📄 ✎

```
... @@ -0,0 +1 @@  
1 +provider "aws" { region = "${var.aws_region}" }
```

Soundmushin added a line comment just now +😊 ✎ ✕

Are you sure this is correctly formatted?

Add a line note

🌱 Open sjourdan wants to merge 2 commits into master from new_infrastructure

🗨️ Conversation 1 🔗 Commits 2 📄 Files changed 6

sjourdan commented 12 minutes ago +😊 ✎


This pull request includes a single CoreOS member on AWS.

🕒 an initial infrastructure 2415ad4


✕ Soundmushin commented on an outdated diff 8 minutes ago 🗨️ Show 1 comment

+ New changes since you last viewed View changes

🕒 fixed bad formatting b027825


 **Soundmushin** commented just now + 😊 ✎ ✕

I tried the `terraform plan` on my side as well and it all looks good. It can ship!

 **an initial infrastructure**

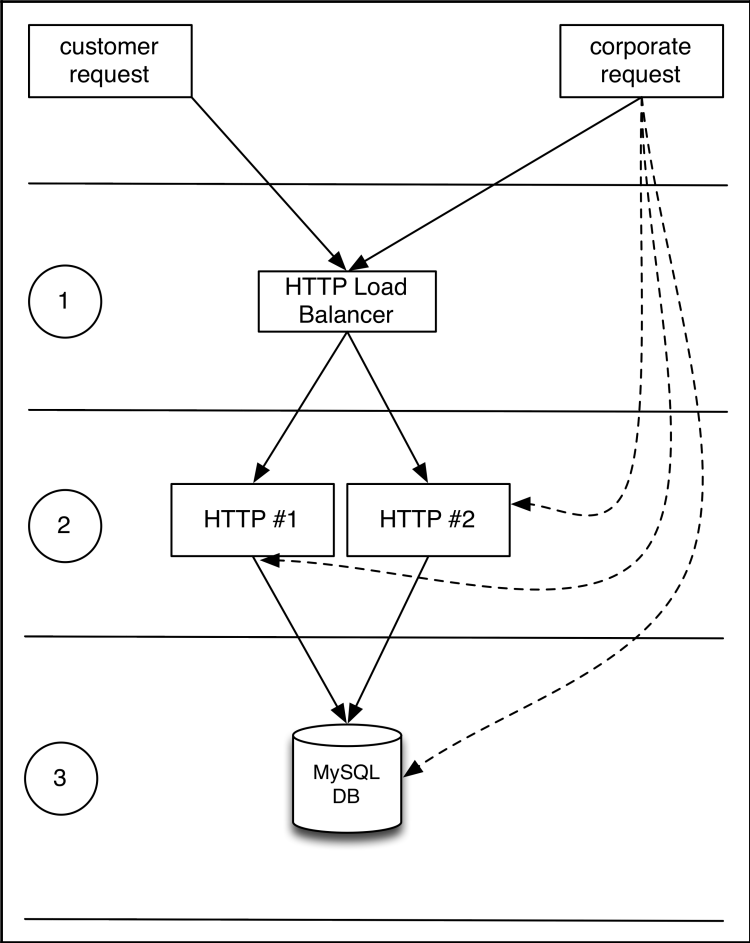
- a single CoreOS instance

Confirm merge **Cancel**

 **Pull request successfully merged and closed** 🗑️ Delete branch

You're all set—the `new_infrastructure` branch can be safely deleted.

Chapter 4: Automating Complete Infrastructures with Terraform



Chapter 5: Provisioning the Last Mile with Cloud-Init

▼ Advanced Details

User data ⓘ As text As file Input is already base64 encoded

```
#cloud-config
# Install packages on first boot
packages:
- htop
- tcpdump
- docker.io
```

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Add Storage](#)

Select additional options ⓘ

Private networking Backups IPv6 User data

```
#cloud-config
# Install packages on first boot
packages:
- htop
- tcpdump
- docker.io
```

Launch Instance



Details *

Access & Security *

Networking *

Post-Creation *

Advanced Options

Customization Script Source *

Direct Input

Script Data

```
#cloud-config
# Install packages on first boot
packages:
- tcpdump
- docker
- nmap
```

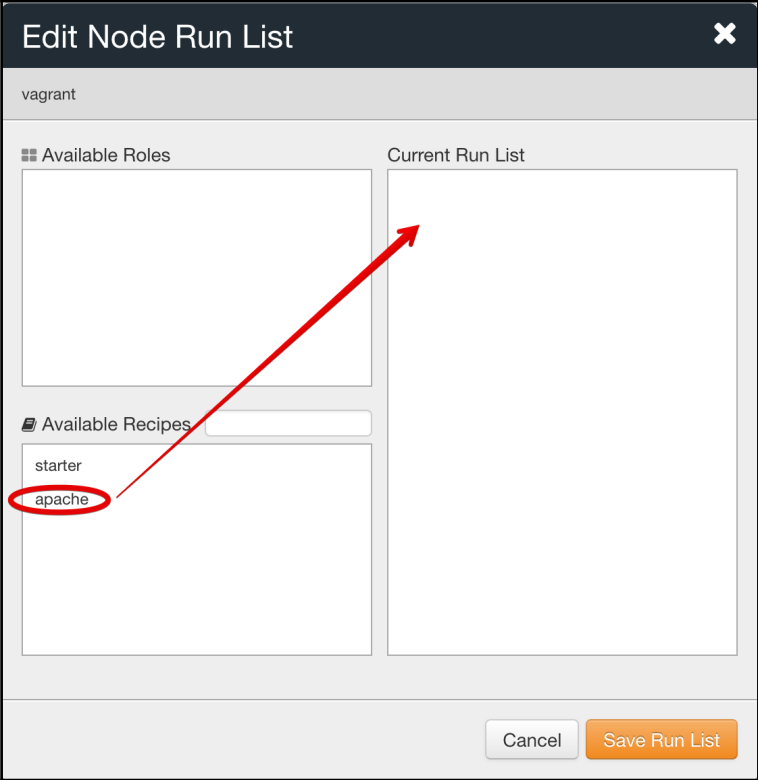
You can customize your instance after it has launched using the options available here.

"Customization Script" is analogous to "User Data" in other systems.

Cancel

Launch

Chapter 6: Fundamentals of Managing Servers with Chef and Puppet



Chapter 8: Maintaining Systems Using Chef and Puppet

Node: vagrant

Details **Attributes** Permissions

Attributes

[Expand All](#) [Collapse All](#)

- sitename: mysite
- + chef-vault
- + selinux
- + yum
- tags:
- + cpu
- + filesystem
- + kernel
- + memory
- + network
- + counters
- ipaddress: 192.168.146.129
- macaddress: 00:0C:29:70:26:82
- ip6address: fe80::20c:29ff:fe70:2682
- os: linux
- os_version: 3.10.0-327.el7.x86_64
- lsb:
- platform: centos



English (United States)

العربية المغربية

العربية

Azərbaycan dili

گۆنئی آذربایجان

Български

বাংলা

བོད་ཡིག

Bosanski

Català

Cebuano

Čeština

Cymraeg

Dansk

Deutsch (Sie)

Deutsch (Schweiz, Du)

Deutsch (Schweiz)

Deutsch

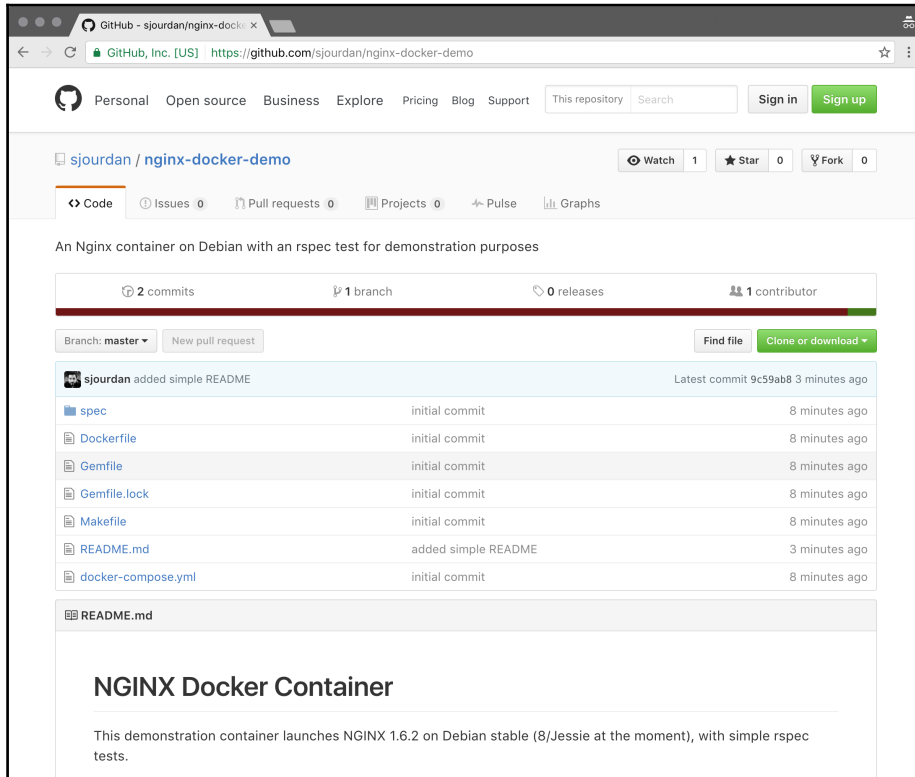
Continue



Below you should enter your database connection details. If you're not sure about these, contact your host.

Database Name	<input type="text" value="wordpress"/>	The name of the database you want to use with WordPress.
Username	<input type="text" value="wordpress_user"/>	Your database username.
Password	<input type="text" value="changeme"/>	Your database password.
Database Host	<input type="text" value="127.0.0.1"/>	You should be able to get this info from your web host, if localhost doesn't work.
Table Prefix	<input type="text" value="wp_"/>	If you want to run multiple WordPress installations in a single database, change this.

Chapter 10: Maintaining Docker Containers



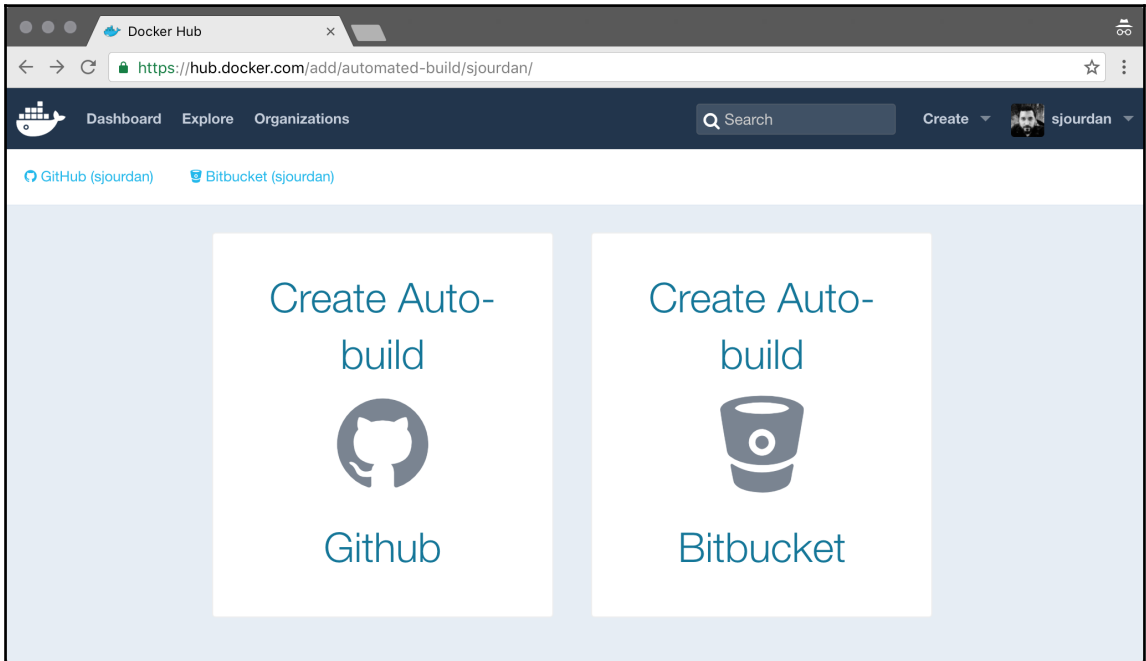
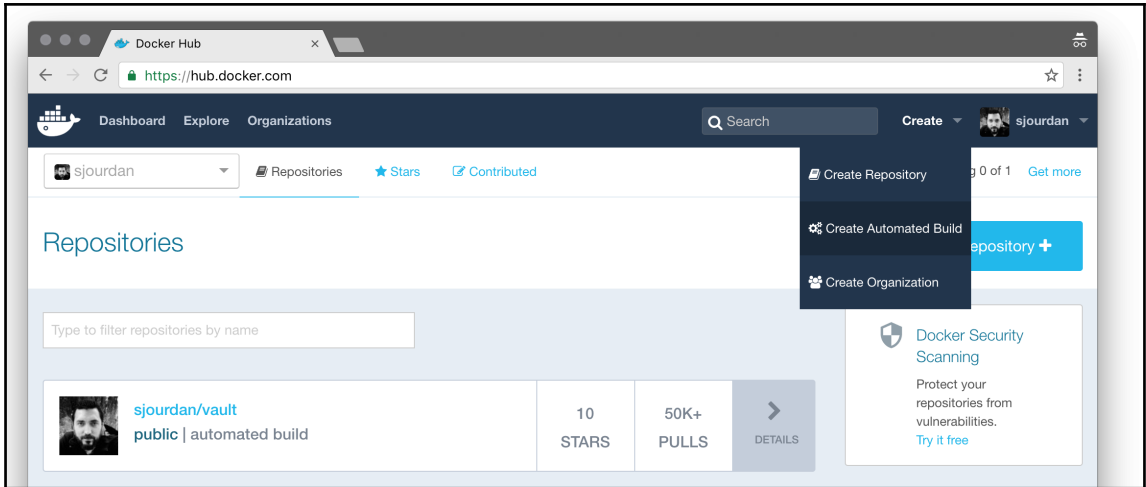
The screenshot shows a GitHub repository page for 'sjourdan/nginx-docker-demo'. The repository description is 'An Nginx container on Debian with an rspec test for demonstration purposes'. It has 2 commits, 1 branch, 0 releases, and 1 contributor. The commit history table is as follows:

Commit	Author	Message	Time
9c59ab8	sjourdan	added simple README	3 minutes ago
		spec	initial commit 8 minutes ago
		Dockerfile	initial commit 8 minutes ago
		Gemfile	initial commit 8 minutes ago
		Gemfile.lock	initial commit 8 minutes ago
		Makefile	initial commit 8 minutes ago
		README.md	added simple README 3 minutes ago
		docker-compose.yml	initial commit 8 minutes ago

The README.md content is:

NGINX Docker Container

This demonstration container launches NGINX 1.6.2 on Debian stable (8/Jessie at the moment), with simple rspec tests.



✕

[nginx-docker-demo](#)

Create Automated Build

Repository Namespace & Name*

Visibility

Short Description*

By default Automated Builds will match branch names to Docker build tags. [Click here to customize](#) behavior.

sjourdan/nginx-docker-demo x

https://hub.docker.com/r/sjourdan/nginx-docker-demo/~/settings/automated-builds/

PUBLIC | AUTOMATED BUILD

sjourdan/nginx-docker-demo


Last pushed: never

Repo Info Tags Dockerfile Build Details **Build Settings** Collaborators Webhooks Settings

Build Settings

When active, builds will happen automatically on pushes.

The build rules below specify how to build your source into Docker images. The name can be a string or a regex. The Docker Tag name may contain variables. We currently support {sourceref}, which refers to the source branch/tag name. [Show more](#)

 Source Repository
[sjourdan/nginx-docker-demo](#)

Type	Name	Dockerfile Location	Docker Tag Name	
Branch ▾	<input type="text" value="master"/>	<input type="text" value="/"/>	<input type="text" value="latest"/>	+ Trigger

sjourdan/nginx-docker-demo x

https://hub.docker.com/r/sjourdan/nginx-docker-demo/tags/

Dashboard Explore Organizations Search Create sjourdan

PUBLIC | AUTOMATED BUILD

sjourdan/nginx-docker-demo ☆

Last pushed: 2 minutes ago

Repo Info Tags Dockerfile Build Details Build Settings Collaborators Webhooks Settings

Tag Name	Compressed Size	Last Updated
latest	37 MB	2 minutes ago

sjourdan/nginx-docker-demo x

https://hub.docker.com/r/sjourdan/nginx-docker-demo/builds/

Dashboard Explore Organizations Search Create sjourdan

PUBLIC | AUTOMATED BUILD

sjourdan/nginx-docker-demo ☆

Last pushed: 10 minutes ago

Repo Info Tags Dockerfile Build Details Build Settings Collaborators Webhooks Settings

Status	Actions	Tag	Created	Last Updated
Building	Cancel	latest	a minute ago	a few seconds ago
Success		latest	11 minutes ago	10 minutes ago

Source Repository

sjourdan/nginx-docker-demo

Type	Name	Dockerfile Location	Docker Tag Name	
Branch ▾	<input type="text" value="master"/>	<input type="text" value="/"/>	<input type="text" value="latest"/>	Trigger
Tag ▾	<input type="text" value="/* This will target all tags"/>	<input type="text" value="/"/>	<input type="text" value="Same as tag"/>	

Save Changes

sjourdan/nginx-docker-demo x

https://hub.docker.com/r/sjourdan/nginx-docker-demo/builds/

Dashboard Explore Organizations Search Create sjourdan

PUBLIC | AUTOMATED BUILD

sjourdan/nginx-docker-demo ☆

Last pushed: 21 minutes ago

Repo Info Tags Dockerfile Build Details Build Settings Collaborators Webhooks Settings

Status	Actions	Tag	Created	Last Updated
Building	<input type="button" value="Cancel"/>	1.0	a few seconds ago	a few seconds ago
Success		latest	22 minutes ago	20 minutes ago
Success		latest	32 minutes ago	31 minutes ago

Source Repository

Travis CI

[Blog](#)[Status](#)

My Repositories +



sjourdan/netutils-docker



sjourdan/nginx-docker-demo




sjourdan/nomad-docker

sjourdan / nginx-docker-demo

build unknown

Current Branches Build History Pull Requests

More options 

◦◦ master added travis.yml
 Stéphane Jourdan


-o- #1 created
 575e9b8





🕒 -
📅 -

```
271 $ make test
272 bundle exec rspec --color --format documentation
273
274 Docker NGINX image
275   installs Debian Jessie
276   Package "nginx"
277     should be installed
278   Running the NGINX container
279     Process "nginx"
280       should be running
281
282 Finished in 19.16 seconds (files took 0.29136 seconds to load)
283 3 examples, 0 failures
284
285
286
287 The command "make test" exited with 0.
288
289 Done. Your build exited with 0.
```



19.87s


Top 


[Repositories](#)
[Tutorial](#)
[Docs](#)
[Blog](#)





sjourdan

[← Repositories](#)


sjourdan / nginx-docker-demo







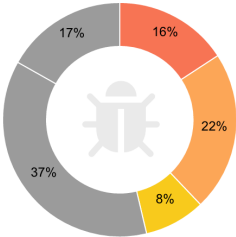
Repository Tags

Current Tags
History

1 - 1 of 1

←
|
→

TAG	LAST MODIFIED ↓	SECURITY SCAN	SIZE	IMAGE	
1.0	an hour ago	▲ 15 High + 80 others More Info	35.3 MB	62feec896f3d	  



Quay Security Scanner has detected **95** vulnerabilities.

- ▲ **15** High-level vulnerabilities.
- ▲ **21** Medium-level vulnerabilities.
- ▲ **8** Low-level vulnerabilities.
- ▲ **35** Negligible-level vulnerabilities.
- ▲ **16** Unknown-level vulnerabilities.

Image Vulnerabilities

Only show fixable

CVE	SEVERITY ↓	PACKAGE	CURRENT VERSION	FIXED IN VERSION
▶ CVE-2016-4448	10 / 10 <div style="width: 100%; height: 10px; background-color: red;"></div>	libxml2	2.9.1+dfsg1-5+deb8u3	(None)
▶ CVE-2016-4658	10 / 10 <div style="width: 100%; height: 10px; background-color: red;"></div>	libxml2	2.9.1+dfsg1-5+deb8u3	(None)
▶ CVE-2016-1761	10 / 10 <div style="width: 100%; height: 10px; background-color: red;"></div>	libxml2	2.9.1+dfsg1-5+deb8u3	(None)

Quay Security Scanner has detected **50** vulnerabilities.
Patches are available for **26** vulnerabilities.

- ▲ **1** High-level vulnerabilities.
- ▲ **22** Medium-level vulnerabilities.
- ▲ **27** Low-level vulnerabilities.

Image Vulnerabilities

Showing 26 of 50 Vulnerabilities Only show fixable

CVE	SEVERITY ↓	PACKAGE	CURRENT VERSION	FIXED IN VERSION
▶ CVE-2016-6304	▲ High	openssl	1.0.2g-1ubuntu4.2	➔ 1.0.2g-1ubuntu4.4
▶ CVE-2016-6303	7.5 / 10 <div style="width: 75%; background-color: orange; height: 10px; display: inline-block;"></div>	openssl	1.0.2g-1ubuntu4.2	➔ 1.0.2g-1ubuntu4.4

Monitor with Docker Security Scanning - available for your private repositories for free while in preview.

Scanned Images ?

1.0 Compressed size: 37 MB
Scanned 3 minutes ago

i This image has vulnerabilities

5 /bin/sh -c apt-get up... /var/lib/apt/lists/*
Compressed size: 7.1MB




COMPONENT	VULNERABILITY	SEVERITY
libxml2 2.9.1+dfsg1-5+deb8u3 MIT:Permissive License	CVE-2016-4614	Critical
	CVE-2016-4615	Critical
	CVE-2016-4616	Critical
	CVE-2016-4619	Critical
	CVE-2016-5131	Major
	CVE-2016-9318	Major
	CVE-2015-6838	Major
openssl 1.0.1t-1+deb8u5 openssl:Permissive License	No known vulnerabilities	N/A
nginx 1.6.2-5+deb8u4 BSD:Permissive License	No known vulnerabilities	N/A

CloudWatch > Log Groups > Streams for docker_logs

Filter:

<input type="checkbox"/>	Log Streams	Last Event Time
<input type="checkbox"/>	www	2016-12-05 21:21 UTC-5

CloudWatch > Log Groups > docker_logs > www

Expand all Row Text   

Filter events all 30s 5m 1h 6h 1d 1w custom ▾

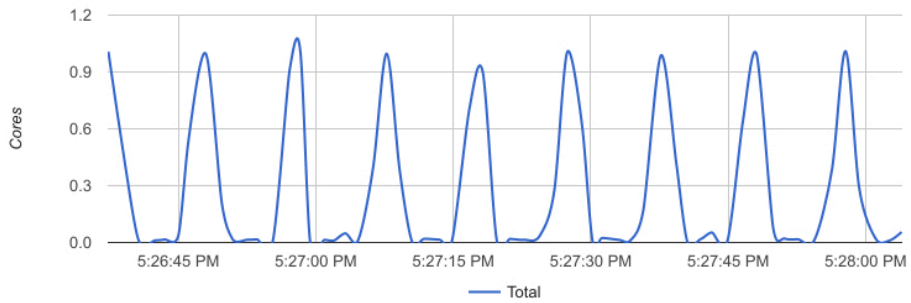
Time (UTC +00:00)	Message
2016-12-06 02:21:33	06-Dec-2016 02:21:33.503 INFO [main] org.apache.catalina.core.AprLifecycleListener.initialBIOSS OpenBIOSS
▶ 02:21:33	06-Dec-2016 02:21:33.421 INFO [main] org.apache.coyote.AbstractProtocol.init Initializing ProtocolHandler ["h
▶ 02:21:33	06-Dec-2016 02:21:33.439 INFO [main] org.apache.tomcat.util.net.NioSelectorPool.getSharedSelector Using ε
▶ 02:21:33	06-Dec-2016 02:21:33.444 INFO [main] org.apache.coyote.AbstractProtocol.init Initializing ProtocolHandler ["ε
▶ 02:21:33	06-Dec-2016 02:21:33.446 INFO [main] org.apache.tomcat.util.net.NioSelectorPool.getSharedSelector Using ε
▶ 02:21:33	06-Dec-2016 02:21:33.447 INFO [main] org.apache.catalina.startup.Catalina.load Initialization processed in 58
▶ 02:21:33	06-Dec-2016 02:21:33.501 INFO [main] org.apache.catalina.core.StandardService.startInternal Starting service
▶ 02:21:33	06-Dec-2016 02:21:33.502 INFO [main] org.apache.catalina.core.StandardEngine.startInternal Starting Servlet
▶ 02:21:33	06-Dec-2016 02:21:33.537 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirecto
▶ 02:21:34	06-Dec-2016 02:21:34.183 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirecto
▶ 02:21:34	06-Dec-2016 02:21:34.183 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirecto
▶ 02:21:34	06-Dec-2016 02:21:34.217 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirecto
▶ 02:21:34	06-Dec-2016 02:21:34.214 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirecto
▶ 02:21:34	06-Dec-2016 02:21:34.250 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirecto
▶ 02:21:34	06-Dec-2016 02:21:34.250 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirecto
▶ 02:21:34	06-Dec-2016 02:21:34.295 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirecto
▶ 02:21:34	06-Dec-2016 02:21:34.295 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirecto
▶ 02:21:34	06-Dec-2016 02:21:34.572 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirecto
▶ 02:21:34	06-Dec-2016 02:21:34.579 INFO [main] org.apache.coyote.AbstractProtocol.start Starting ProtocolHandler [ht
▶ 02:21:34	06-Dec-2016 02:21:34.586 INFO [main] org.apache.coyote.AbstractProtocol.start Starting ProtocolHandler [ajr
▼ 02:21:34	06-Dec-2016 02:21:34.589 INFO [main] org.apache.catalina.startup.Catalina.start Server startup in 1141 ms
06-Dec-2016 02:21:34.589 INFO [main] org.apache.catalina.startup.Catalina.start Server startup in 1141 ms	

Filter:

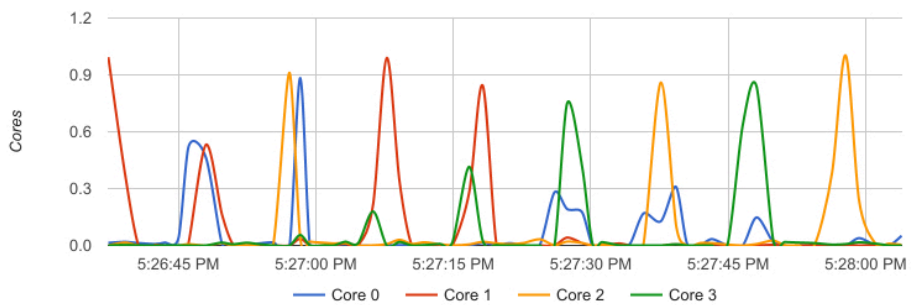
<input type="checkbox"/> Log Streams	Last Event Time
<input type="checkbox"/> tomcat.service	2016-12-05 21:40 UTC-5
<input type="checkbox"/> tomcat	2016-12-05 21:31 UTC-5
<input type="checkbox"/> www	2016-12-05 21:25 UTC-5

CPU

Total Usage



Usage per Core



Usage

Overview



Processes												
User	PID	PPID	Start Time	CPU %	MEM %	RSS	Virtual Size	Status	Running Time	Command	Container	
root	20,464	20,438	Aug10	27.90	10.60	848.57 MiB	1.95 GiB	Ssl	33-02:56:56	StreamM:master	/docker/bc8d85e05be8	
root	30,502	30,474	Nov18	6.80	0.40	32.08 MiB	462.78 MiB	S1	1-07:10:07	ffmpeg	/docker/7f21e405bdee	
root	21,462	21,364	Aug10	5.20	10.70	851.78 MiB	1.97 GiB	S1	6-06:07:50	StreamM:slaveWo	/docker/c2904d5b5c89	
root	21,468	21,402	Aug10	5.20	10.70	854.08 MiB	1.97 GiB	S1	6-06:17:32	StreamM:slaveWo	/docker/0641790f1b30	
root	12,196	12,171	Aug08	2.30	0.50	42.79 MiB	949.71 MiB	Ssl	2-20:06:04	cadvisor	/docker/ab2d4e922949	
uidd	31,932	31,907	Aug07	1.70	6.20	494.45 MiB	4.47 GiB	Ssl	2-01:56:59	java	/docker/5893c5d6f43f	
dd-agent	25,511	27,477	Sep12	0.30	0.30	29.51 MiB	137.66 MiB	S	08:03:16	python	/system.slice/datado	
root	4,303	1	Jun12	0.20	3.10	253.58 MiB	2.27 GiB	Ssl	08:48:44	docker	/system.slice/dock	
dd-agent	25,510	27,477	Sep12	0.20	0.30	29.05 MiB	143.50 MiB	S	05:19:06	python	/system.slice/datado	
dd-agent	25,509	27,477	Sep12	0.10	0.30	27.59 MiB	205.71 MiB	S1	02:45:42	python	/system.slice/datado	
root	1	0	Jun12	0.00	0.00	6.33 MiB	37.54 MiB	Ss	00:02:49	systemd	/	

```
Viewing: Containers For: whole machine
Source: Live System Filter: container.name != host
```

CPU	PROCS	THREADS	VIRT	RES	FILE	NET	ENGINE	IMAGE	ID	NAME
0.50	1	23	1G	147M	0	0.00	docker	tomcat:9	b5d1dde83ae5	gloomy_bartik
0.50	1	4	1G	14M	0	0.00	docker	httpd	ac79a4e08922	distracted_leakey
0.00	1	1	62M	7M	0	0.00	docker	nginx	5ef20243c781	serene_elion

F1 Help F2 Views F4 Filter F5 Echo F6 Dig F7 Legend F8 Actions F9 Sort F12 Spectro CTRL+F Search p Pause 1/3(33.3%)


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Viewing: Containers For: whole machine
Source: Live System Filter: container.name != host
Select View K8s Services
Connections List all Kubernetes services running on this machine, and the resources that each of them uses.
Containers
Containers Errors Tips
Directories Select a service and click enter to drill down into it. At that point, you will be able to access several views
Errors
File Opens List Columns
Files CPU: Amount of CPU used by the service.
I/O by Type VIRT: Total virtual memory for the service.
K8s Controllers RES: Resident non-swapped memory for the service.
K8s Deployments FILE: Total (input+output) file I/O bandwidth generated by the service, in bytes per second.
K8s Namespaces NET: Total (input+output) network bandwidth generated by the service, in bytes per second.
K8s Pods ID: Service id.
K8s ReplicaSets NAME: Service name.
K8s Services NAMESPACE: Service namespace.
Marathon Apps LABELS: Service labels.
Marathon Groups
Mesos Frameworks ID
Mesos Tasks kubernetes_services
New Connections
Page Faults Filter
Processes k8s.svc.id != ''
Processes CPU
Processes Errors Action Hotkeys
Processes FD Usage d: describe (kubectl --namespace=%k8s.ns.name describe services/%k8s.svc.name)
Server Ports x: delete (kubectl --namespace=%k8s.ns.name delete services %k8s.svc.name)
Socket Queues
Spectrogram-File
Spy Syslog
Spy Users
System Calls
Threads
Traces List
Traces Spectrogram
Traces Summary
```