

Adoptium Infrastructure Map

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- A high level view of the machines used in the Adoptium Infrastructure
- Vendors
- Architecture and Platforms

Miro board

https://miro.com/app/board/uXjVMfhXwh0=/?share_link_id=150447952828

Overview



EQUINIX



Build
Test
Dockerhost
Other Infrastructure



inspira



Scaleway



nine
cloud navigators



Stewart Addison

Setup with Ansible playbooks

<https://github.com/adoptium/infrastructure/tree/master/ansible/playbooks>

Architectures

- x86-64
- s390x
- ppc64le/pp64
- sparcv9
- arm32/arm64
- riscv

Platforms

- Ubuntu
- Debian
- Centos
- RHEL
- Windows
- Mac
- FreeBSD
- AIX
- Solaris

Build

x64

4 Windows 2012
1 Windows 2016
1 Centos 6.9
1 Solaris 10
2 MacOS 10.14
1 Ubuntu 16.04
1 FreeBSD 12

Arm64

2 Ubuntu 18.04
2 MacOS 11

ppc64

2 Aix 7.1
1 Aix 7.2

Sparcv9

3 Solaris 10

ppc64le

2 Centos 7.4

s390x

2 RHEL 7.9

Native builds

Dynamic agents

Docker builds

Test

x64

1 Rhel 8
1 Rhel 7
1 Rhel 6
5 Windows 2012
1 Windows 2016
1 Windows 2019
2 Ubuntu 22.04 (perf)
2 Ubuntu 16.04
1 Solaris 10
4 MacOS 10.14
3 MacOS 10.15
2 MacOS 12.01

s390x

2 Sles 12
1 Sles 15
2 Rhel 7
2 Rhel 8
1 Ubuntu 20.04
1 Ubuntu 22.04

Sparcv9

2 Solaris 10

Risc-v

5 Ubuntu 21.04 (also build)

ppc64

4 AIX 7.1
4 AIX 7.2

Arm64

2 Ubuntu 18.04
1 Rhel 7.6
2 MacOS 11

Arm32

2 Ubuntu 20.04 (sxa odroid)

ppc64le

2 Centos 7.4
2 Ubuntu 16.04
2 Ubuntu 18.04
2 Ubuntu 20.04

Dockerhost

What is a dockerhost?

What is a static docker container?

58 containers, x64, ppc64le, s390x, arm32, arm64,

Linux/alpine-linux platforms at the moment

Dockerhost

2 x64

18 containers

Alpine 3.14, 3.17

Centos 8

Debian 11

Fedora 35, 37

Ubi 8

Ubuntu 20.04 22.04

2 arm64 (hosts our arm32 containers)

28 containers

Ubuntu 18.04, 20.04, 20.10, 22.04

Alpine 3.15, 3.16, 3.17

Fedora 35, 36, 37

Ubi 8

Debian 11

Centos 8

s390x

2 containers

SLES 12, 15

2 ppc64le

10 containers

Ubuntu 18.04, 20.10, 22.04

Debian 11

```
root@dockerhost-equinix-ubuntu2204-x64-1:~# docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	NAMES
fdb030439f4e	aqa_f37	"/usr/sbin/sshd -D"	3 months ago	Up 3 weeks	f37.2231
6c4b252a9925	aqa_alp317	"/usr/sbin/sshd -D"	3 months ago	Up 3 weeks	alp317.2230
6970e9fbf0aa	aqa_cent8	"/usr/sbin/sshd -D"	3 months ago	Up 3 weeks	cent8.2229
575d40ddd623	aqa_deb11	"/usr/sbin/sshd -D"	3 months ago	Up 3 weeks	deb11.2228
5d59216997b2	aqa_u2004	"/usr/sbin/sshd -D"	3 months ago	Up 3 weeks	u2004.2227
0e592afe0a76	aqa_ubi8	"/usr/sbin/sshd -D"	3 months ago	Up 3 weeks	ubi8.2226
25764b19f624	aqa_f35	"/usr/sbin/sshd -D"	3 months ago	Up 3 weeks	f35.2225
115e67d8ca13	aqa_u2204	"/usr/sbin/sshd -D"	4 months ago	Up 3 weeks	U2204_2224
8969d09bd139	aqa_alp314	"/usr/sbin/sshd -D"	4 months ago	Up 3 weeks	alp314_2223

Setup

https://github.com/adoptium/infrastructure/blob/master/ansible/playbooks/AdoptOpenJDK_Unix_Playbook/dockerhost.yml

Other Infrastructure

- Jenkins - <https://ci.adoptium.net/>
- TRSS - <https://trss.adoptium.net/>
- Bastillion
- AWX
- Nagios - <https://nagios.adoptopenjdk.net/>
- Vagrant/QEMU
 - <https://ci.adoptium.net/job/VagrantPlaybookCheck/>
 - <https://ci.adoptium.net/job/QEMUPlaybookCheck/>
- Esxi Hypervisors