***Apache2 | Ubuntu On Docker Hub***

ubuntu/apache2

Verified Publisher

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By Canonical

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Updated about 1 month ago

Apache, a secure & extensible open-source HTTP server. Long-term tracks maintained by Canonical.

IMAGE

Pulls

1M+

Apache2 | Ubuntu

Current Apache2 Docker Image from Canonical, based on Ubuntu. Receives security updates and tracks the newest combination of Apache2 and Ubuntu. This repository is free to use and exempted from per-user rate limits.

About Apache2

The Apache HTTP Server Project's goal is to build a secure, efficient and extensible HTTP server as standards-compliant open-source software. The result has long been the number one web server on the Internet. Read more on the apache2 website.

Tags and Architectures

LTS Up to 5 years free security maintenance on LTS channels.

ESM Up to 10 years customer security maintenance from canonical/apache2. Request access.

Tags in italics are not available in ubuntu/apache2 but are shown here for completeness.

Channel Tag Currently Architectures

2.4-22.04\_beta LTS Apache2 2.4 on Ubuntu 22.04 LTS amd64, arm64, ppc64el, s390x

2.4-20.04\_beta LTS Apache2 2.4.41 on Ubuntu 20.04 LTS amd64, arm64, ppc64el, s390x

track\_risk

Channel Tag shows the most stable channel for that track. A track is a combination of both the application version and the underlying Ubuntu series, eg 1.0-22.04. Channels are ordered from the most stable to the least stable, candidate, beta, edge. More risky channels are always implicitly available. So if beta is listed, you can also pull edge. If candidate is listed, you can pull beta and edge. When stable is listed, all four are available. Images are guaranteed to progress through the sequence edge, beta, candidate before stable.

Commercial use and Extended Security Maintenance channels

If your usage includes commercial redistribution or requires unavailable channels/versions, please get in touch with the Canonical team (or using rocks@canonical.com).

Usage

Launch this image locally:

docker run -d --name apache2-container -e TZ=UTC -p 8080:80 ubuntu/apache2:2.4-22.04\_beta

Access your Apache2 server at http://localhost:8080.

Parameters

Parameter Description

-e TZ=UTC Timezone.

-p 8080:80 Expose Apache2 on localhost:8080.

-v /local/path/to/website:/var/www/html Mount and serve a local website.

-v /path/to/apache2.conf:/etc/apache2/apache2.conf Local configuration file apache2.conf (try this example).

Testing/Debugging

To debug the container:

docker logs -f apache2-container

To get an interactive shell:

docker exec -it apache2-container /bin/bash

Deploy with Kubernetes

Works with any Kubernetes; if you don't have one, we recommend you install MicroK8s and microk8s.enable dns storage then snap alias microk8s.kubectl kubectl.

Download apache2.conf, index.html and apache2-deployment.yml and set containers.apache2.image in apache2-deployment.yml to your chosen channel tag (e.g. ubuntu/apache2:2.4-22.04\_beta), then:

kubectl create configmap apache2-config --from-file=apache2=apache2.conf --from-file=apache2-site=index.html

kubectl apply -f apache2-deployment.yml

You will now be able to connect to the apache2 server on http://localhost:30080.

Bugs and feature requests

If you find a bug in our image or want to request a specific feature, please file a bug here:

https://bugs.launchpad.net/ubuntu-docker-images/+filebug

Please title the bug "apache2: <issue summary>". Make sure to include the digest of the image you are using, from:

docker images --no-trunc --quiet ubuntu/apache2:<tag>

Deprecated channels & tags

These channels (tags) are not updated anymore. Please upgrade to newer channels, or reach out if you can't upgrade.

Track Version EOL Upgrade Path

2.4-21.10 Apache2 2.4.48 on Ubuntu 21.10 07/2022 2.4-22.04\_beta

2.4-21.04 Apache2 2.4.46 on Ubuntu 21.04 01/2022 2.4-21.10

track