

Instalação WordPress Docker (Bitnami)

Link: <https://github.com/bitnami/containers/tree/main/bitnami/wordpress#how-to-use-this-image>

Bitnami package for WordPress

What is WordPress?

WordPress is the world's most popular blogging and content management platform. Powerful yet simple, everyone from students to global corporations use it to build beautiful, functional websites.

Overview of WordPress

TL;DR

```
docker run --name wordpress bitnami/wordpress:latest
```

Warning: This quick setup is only intended for development environments. You are encouraged to change the insecure default credentials and check out the available configuration options in the Environment Variables section for a more secure deployment.

Why use Bitnami Images?

- Bitnami closely tracks upstream source changes and promptly publishes new versions of this image using our automated systems.
- With Bitnami images the latest bug fixes and features are available as soon as possible.

- Bitnami containers, virtual machines and cloud images use the same components and configuration approach - making it easy to switch between formats based on your project needs.
- All our images are based on **minideb** -a minimalist Debian based container image that gives you a small base container image and the familiarity of a leading Linux distribution- or **scratch** -an explicitly empty image-.
- All Bitnami images available in Docker Hub are signed with Notation. Check this post to know how to verify the integrity of the images.
- Bitnami container images are released on a regular basis with the latest distribution packages available.

Looking to use WordPress in production? Try VMware Tanzu Application Catalog, the commercial edition of the Bitnami catalog.

How to deploy WordPress in Kubernetes?

Deploying Bitnami applications as Helm Charts is the easiest way to get started with our applications on Kubernetes. Read more about the installation in the Bitnami WordPress Chart GitHub repository.

Bitnami containers can be used with Kubeapps for deployment and management of Helm Charts in clusters.

Why use a non-root container?

Non-root container images add an extra layer of security and are generally recommended for production environments. However, because they run as a non-root user, privileged tasks are typically off-limits. Learn more about non-root containers in our docs.

Supported tags and respective Dockerfile links

Learn more about the Bitnami tagging policy and the difference between rolling tags and immutable tags [in our documentation page](#).

You can see the equivalence between the different tags by taking a look at the `tags-info.yaml` file present in the branch folder, i.e `bitnami/ASSET/BRANCH/DISTRO/tags-info.yaml`.

Subscribe to project updates by watching the [bitnami/containers GitHub repo](#).

Get this image

The recommended way to get the Bitnami WordPress Docker Image is to pull the prebuilt image from the [Docker Hub Registry](#).

```
docker pull bitnami/wordpress:latest
```

To use a specific version, you can pull a versioned tag. You can view the [list of available versions](#) in the Docker Hub Registry.

```
docker pull bitnami/wordpress:[TAG]
```

If you wish, you can also build the image yourself by cloning the repository, changing to the directory containing the Dockerfile and executing the `docker build` command. Remember to replace the `APP`, `VERSION` and `OPERATING-SYSTEM` path placeholders in the example command below with the correct values.

```
git clone https://github.com/bitnami/containers.git
cd bitnami/APP/VERSION/OPERATING-SYSTEM
docker build -t bitnami/APP:latest .
```

How to use this image

WordPress requires access to a MySQL or MariaDB database to store information. We'll use the [Bitnami Docker Image for MariaDB](#) for the database requirements.

Using the Docker Command Line

Step 1: Create a network

```
docker network create wordpress-network
```

Step 2: Create a volume for MariaDB persistence and create a MariaDB container

```
$ docker volume create --name mariadb_data
docker run -d --name mariadb \
  --env ALLOW_EMPTY_PASSWORD=yes \
  --env MARIADB_USER=bn_wordpress \
  --env MARIADB_PASSWORD=bitnami \
  --env MARIADB_DATABASE=bitnami_wordpress \
  --network wordpress-network \
  --volume mariadb_data:/bitnami/mariadb \
  bitnami/mariadb:latest
```

Step 3: Create volumes for WordPress persistence and launch the container

```
$ docker volume create --name wordpress_data
docker run -d --name wordpress \
  -p 8080:8080 -p 8443:8443 \
  --env ALLOW_EMPTY_PASSWORD=yes \
  --env WORDPRESS_DATABASE_USER=bn_wordpress \
  --env WORDPRESS_DATABASE_PASSWORD=bitnami \
  --env WORDPRESS_DATABASE_NAME=bitnami_wordpress \
  --network wordpress-network \
  --volume wordpress_data:/bitnami/wordpress \
  bitnami/wordpress:latest
```

Access your application at `http://your-ip/`

Run the application using Docker Compose

```
curl -sSL https://raw.githubusercontent.com/bitnami/containers/main/bitnami/wordpress/docker-compose.yml > dc
docker-compose up -d
```

Please be aware this file has not undergone internal testing. Consequently, we advise its use exclusively for development or testing purposes. For production-ready deployments, we highly

recommend utilizing its associated [Bitnami Helm chart](#).

If you detect any issue in the `docker-compose.yml` file, feel free to report it or contribute with a fix by following our [Contributing Guidelines](#).

Persisting your application

If you remove the container all your data will be lost, and the next time you run the image the database will be reinitialized. To avoid this loss of data, you should mount a volume that will persist even after the container is removed.

For persistence you should mount a directory at the `/bitnami/wordpress` path. If the mounted directory is empty, it will be initialized on the first run. Additionally you should mount a volume for persistence of the MariaDB data.

The above examples define the Docker volumes named `mariadb_data` and `wordpress_data`. The WordPress application state will persist as long as volumes are not removed.

To avoid inadvertent removal of volumes, you can mount host directories as data volumes. Alternatively you can make use of volume plugins to host the volume data.

Mount host directories as data volumes with Docker Compose

This requires a minor change to the `docker-compose.yml` file present in this repository:

```
mariadb:
  ...
  volumes:
-   - 'mariadb_data:/bitnami/mariadb'
+   - '/path/to/mariadb-persistence:/bitnami/mariadb'
  ...
wordpress:
  ...
  volumes:
-   - 'wordpress_data:/bitnami/wordpress'
+   - '/path/to/wordpress-persistence:/bitnami/wordpress'
  ...
-volumes:
- mariadb_data:
-   driver: local
```

- wordpress_data:
- driver: local

“ NOTE: As this is a non-root container, the mounted files and directories must have the proper permissions for the UID `1001` .

Mount host directories as data volumes using the Docker command line

Step 1: Create a network (if it does not exist)

```
docker network create wordpress-network
```

Step 2. Create a MariaDB container with host volume

```
docker run -d --name mariadb \  
--env ALLOW_EMPTY_PASSWORD=yes \  
--env MARIADB_USER=bn_wordpress \  
--env MARIADB_PASSWORD=bitnami \  
--env MARIADB_DATABASE=bitnami_wordpress \  
--network wordpress-network \  
--volume /path/to/mariadb-persistence:/bitnami/mariadb \  
bitnami/mariadb:latest
```

“ NOTE: As this is a non-root container, the mounted files and directories must have the proper permissions for the UID `1001` .

Step 3. Create the WordPress container with host volumes

```
docker run -d --name wordpress \  
-p 8080:8080 -p 8443:8443 \  
--env ALLOW_EMPTY_PASSWORD=yes \  
--env WORDPRESS_DATABASE_USER=bn_wordpress \  
--env WORDPRESS_DATABASE_PASSWORD=bitnami \  
--env WORDPRESS_DATABASE_NAME=bitnami_wordpress \  
--network wordpress-network \  
--volume /path/to/wordpress-persistence:/bitnami/wordpress \  
bitnami/wordpress:latest
```

NOTE: As this is a non-root container, the mounted files and directories must have the proper permissions for the UID `1001`.

Configuration

Environment variables

Customizable environment variables

Name	Description	Default Value
<code>WORDPRESS_DATA_T O_PERSIST</code>	Files to persist relative to the WordPress installation directory. To provide multiple values, separate them with a whitespace.	<code>wp-config.php wp- content</code>
<code>WORDPRESS_ENABL E_HTTPS</code>	Whether to enable HTTPS for WordPress by default.	<code>no</code>
<code>WORDPRESS_BLOG_ NAME</code>	WordPress blog name.	<code>"User's blog"</code>
<code>WORDPRESS_SCHEM E</code>	Scheme to generate application URLs. Deprecated by <code>WORDPRESS_ENABLE_HTTPS</code> .	<code>http</code>
<code>WORDPRESS_HTACC ESS_OVERRIDE_NON E</code>	Set the Apache <code>AllowOverride</code> variable to <code>None</code> . All the default directives will be loaded from <code>/opt/bitnami/wordpress/wordpress-htaccess.conf</code> .	<code>yes</code>
<code>WORDPRESS_ENABL E_HTACCESS_PERSIS TENCE</code>	Persist the custom changes of the htaccess. It depends on the value of <code>WORDPRESS_HTACCESS_OVERRIDE_NONE</code> , when <code>yes</code> it will persist <code>/opt/bitnami/wordpress/wordpress-htaccess.conf</code> if <code>no</code> it will persist <code>/opt/bitnami/wordpress/.htaccess</code> .	<code>no</code>
<code>WORDPRESS_RESET_ DATA_PERMISSIONS</code>	Force resetting ownership/permissions on persisted data when initializing, otherwise it assumes the ownership/permissions are correct. Ignored when running as non-root.	<code>no</code>
<code>WORDPRESS_TABLE_ PREFIX</code>	Table prefix to use in WordPress.	<code>wp_</code>
<code>WORDPRESS_PLUGIN S</code>	List of WordPress plugins to install and activate, separated via commas. Can also be set to <code>all</code> to activate all currently installed plugins, or <code>none</code> to skip.	<code>none</code>
<code>WORDPRESS_EXTRA_ INSTALL_ARGS</code>	Extra flags to append to the WordPress 'wp core install' command call.	<code>nil</code>
<code>WORDPRESS_EXTRA_ CLI_ARGS</code>	Extra flags to append to all WP-CLI command calls.	<code>nil</code>

Name	Description	Default Value
WORDPRESS_EXTRA_WP_CONFIG_CONTENT	Extra configuration to append to wp-config.php during install.	nil
WORDPRESS_SKIP_BOOTSTRAP	Whether to perform initial bootstrapping for the application.	no
WORDPRESS_AUTO_UPDATE_LEVEL	Level of auto-updates to allow for the WordPress core installation. Valid values: <code>major</code> , <code>minor</code> , <code>none</code> .	none
WORDPRESS_AUTH_KEY	Value of the AUTH_KEY	nil
WORDPRESS_SECURE_AUTH_KEY	Value of the SECURE_AUTH_KEY	nil
WORDPRESS_LOGGED_IN_KEY	Value of the LOGGED_IN_KEY	nil
WORDPRESS_NONCE_KEY	Value of the NONCE_KEY	nil
WORDPRESS_AUTH_SALT	Value of the AUTH_SALT	nil
WORDPRESS_SECURE_AUTH_SALT	Value of the SECURE_AUTH_SALT	nil
WORDPRESS_LOGGED_IN_SALT	Value of the LOGGED_IN_SALT	nil
WORDPRESS_NONCE_SALT	Value of the NONCE_SALT	nil
WORDPRESS_ENABLE_REVERSE_PROXY	Enable WordPress support for reverse proxy headers	no
WORDPRESS_ENABLE_XML_RPC	Enable the WordPress XML-RPC endpoint	no
WORDPRESS_USERNAME	WordPress user name.	user
WORDPRESS_PASSWORD	WordPress user password.	bitnami
WORDPRESS_EMAIL	WordPress user e-mail address.	user@example.com
WORDPRESS_FIRST_NAME	WordPress user first name.	UserName
WORDPRESS_LAST_NAME	WordPress user last name.	LastName
WORDPRESS_ENABLE_MULTISITE	Enable WordPress Multisite configuration.	no
WORDPRESS_MULTISITE_NETWORK_TYPE	WordPress Multisite network type to enable. Valid values: <code>subfolder</code> , <code>subdirectory</code> , <code>subdomain</code> .	subdomain
WORDPRESS_MULTISITE_EXTERNAL_HTTP_PORT_NUMBER	External HTTP port for WordPress Multisite.	80

Name	Description	Default Value
WORDPRESS_MULTISITE_EXTERNAL_HTTPS_PORT_NUMBER	External HTTPS port for WordPress Multisite.	443
WORDPRESS_MULTISITE_HOST	WordPress hostname/address. Only used for Multisite installations.	nil
WORDPRESS_MULTISITE_ENABLE_NIP_IO_REDIRECTION	Whether to enable IP address redirection to nip.io wildcard DNS when enabling WordPress Multisite. This is only supported when running on an IP address with subdomain network type.	no
WORDPRESS_MULTISITE_FILEUPLOAD_MAX_K	Maximum upload file size allowed for WordPress Multisite uploads, in kilobytes.	81920
WORDPRESS_SMTP_HOST	WordPress SMTP server host.	nil
WORDPRESS_SMTP_PORT_NUMBER	WordPress SMTP server port number.	nil
WORDPRESS_SMTP_USER	WordPress SMTP server user.	nil
WORDPRESS_SMTP_FROM_EMAIL	WordPress SMTP from email.	\${WORDPRESS_SMTP_USER}
WORDPRESS_SMTP_FROM_NAME	WordPress SMTP from name.	\${WORDPRESS_FIRST_NAME} \${WORDPRESS_LAST_NAME}
WORDPRESS_SMTP_PASSWORD	WordPress SMTP server user password.	nil
WORDPRESS_SMTP_PROTOCOL	WordPress SMTP server protocol to use.	nil
WORDPRESS_DATABASE_HOST	Database server host.	\$WORDPRESS_DEFAULT_DATABASE_HOST
WORDPRESS_DATABASE_PORT_NUMBER	Database server port.	3306
WORDPRESS_DATABASE_NAME	Database name.	bitnami_wordpress
WORDPRESS_DATABASE_USER	Database user name.	bn_wordpress
WORDPRESS_DATABASE_PASSWORD	Database user password.	nil
WORDPRESS_ENABLE_DATABASE_SSL	Whether to enable SSL for database connections.	no
WORDPRESS_VERIFY_DATABASE_SSL	Whether to verify the database SSL certificate when SSL is enabled for database connections.	yes
WORDPRESS_DATABASE_SSL_CERT_FILE	Path to the database client certificate file.	nil
WORDPRESS_DATABASE_SSL_KEY_FILE	Path to the database client certificate key file.	nil

Name	Description	Default Value
<code>WORDPRESS_DATABASE_SSL_CA_FILE</code>	Path to the database server CA bundle file.	<code>nil</code>
<code>WORDPRESS_OVERRIDE_DATABASE_SETTINGS</code>	Override the database settings in persistence.	<code>no</code>

Read-only environment variables

Name	Description	Value
<code>WORDPRESS_BASE_DIR</code>	WordPress installation directory.	<code>\${BITNAMI_ROOT_DIR}/wordpress</code>
<code>WORDPRESS_CONF_FILE</code>	Configuration file for WordPress.	<code>\${WORDPRESS_BASE_DIR}/wp-config.php</code>
<code>WP_CLI_BASE_DIR</code>	WP-CLI installation directory.	<code>\${BITNAMI_ROOT_DIR}/wp-cli</code>
<code>WP_CLI_BIN_DIR</code>	WP-CLI directory for binary files.	<code>\${WP_CLI_BASE_DIR}/bin</code>
<code>WP_CLI_CONF_DIR</code>	WP-CLI directory for configuration files.	<code>\${WP_CLI_BASE_DIR}/conf</code>
<code>WP_CLI_CONF_FILE</code>	Configuration file for WP-CLI.	<code>\${WP_CLI_CONF_DIR}/wp-cli.yml</code>
<code>WORDPRESS_VOLUME_DIR</code>	WordPress directory for mounted configuration files.	<code>\${BITNAMI_VOLUME_DIR}/wordpress</code>
<code>WORDPRESS_DEFAULT_DATABASE_HOST</code>	Default database server host.	<code>mariadb</code>
<code>PHP_DEFAULT_MEMORY_LIMIT</code>	Default PHP memory limit.	<code>512M</code>
<code>PHP_DEFAULT_POST_MAX_SIZE</code>	Default PHP post_max_size.	<code>80M</code>
<code>PHP_DEFAULT_UPLOAD_MAX_FILESIZE</code>	Default PHP upload_max_size.	<code>80M</code>
<code>WP_CLI_DAEMON_USER</code>	WP-CLI system user.	<code>daemon</code>
<code>WP_CLI_DAEMON_GROUP</code>	WP-CLI system group.	<code>daemon</code>

When you start the WordPress image, you can adjust the configuration of the instance by passing one or more environment variables either on the docker-compose file or on the `docker run` command line. Please note that some variables are only considered when the container is started for the first time. If you want to add a new environment variable:

- For docker-compose add the variable name and value under the application section in the `docker-compose.yml` file present in this repository:

```
wordpress:
  ...
  environment:
    ...
```

- For manual execution add a `--env` option with each variable and value:

```
$ docker run -d --name wordpress -p 80:8080 -p 443:8443 \
--env WORDPRESS_PASSW
--network
--volume /path/to/wordpress-p
bitnami/wordpress:latest
```

Examples

SMTP configuration using a Gmail account

This would be an example of SMTP configuration using a Gmail account:

- Modify the `docker-compose.yml` file present in this repository:

```
wordpress:
...
environment:
...
...

```

- For manual execution:

```
$ docker run -d --name wordpress -p 80:8080 -p 443:8443 \
--env WORDPRESS_DATABASE_USI
--env WORDPRESS_DATABASE_NAME=bitn
--env WORDPRESS_SMTP_HOS
--env WORD
--env WORDPRESS_SMTP_USER=your_en
--env WORDPRESS_SMTP_PASSWORD
--network
--volume /path/to/wordpress-p
bitnami/wordpress:latest
```

Connect WordPress container to an existing database

The Bitnami WordPress container supports connecting the WordPress application to an external database. This would be an example of using an external database for WordPress.

- Modify the `docker-compose.yml` file present in this repository:

```
wordpress:
  ...
  environment:
  -
  +

  -
  +
  ...
```

- For manual execution:

```
$ docker run -d --name wordpress \
  -p 8080:8080 -p
  --network
  --env WORDPRESS_DATABASE_HOST=
  --env WORDPRESS_DATABASE_PORT=
  --env WORDPRESS_DATABASE_NAME=
  --env WORDPRESS_DATABASE_USER=
  --env WORDPRESS_DATABASE_PASSWORD=wordpress
  --volume wordpress_data

bitnami/wordpress:latest
```

In case the database already contains data from a previous WordPress installation, you need to set the variable `WORDPRESS_SKIP_BOOTSTRAP` to `yes`. Otherwise, the container would execute the installation wizard and could modify the existing data in the database. Note that, when setting `WORDPRESS_SKIP_BOOTSTRAP` to `yes`, values for environment variables such as `WORDPRESS_USERNAME`, `WORDPRESS_PASSWORD` or `WORDPRESS_EMAIL` will be ignored. Make sure that, in this imported database, the table prefix matches the one set in `WORDPRESS_TABLE_PREFIX`.

WP-CLI tool

The Bitnami WordPress container includes the command line interface **wp-cli** that can help you to manage and interact with your WP sites. To run this tool, please note you need use the proper system user, **daemon**.

This would be an example of using **wp-cli** to display the help menu:

- Using `docker-compose` command:

```
docker-compose exec wordpress wp help
```

- Using `docker` command:

```
docker exec wordpress wp help
```

Find more information about parameters available in the tool in the [official documentation](#).

Logging

The Bitnami WordPress Docker image sends the container logs to `stdout`. To view the logs:

```
docker logs wordpress
```

Or using Docker Compose:

```
docker-compose logs wordpress
```

You can configure the containers [logging driver](#) using the `--log-driver` option if you wish to consume the container logs differently. In the default configuration docker uses the `json-file` driver.

Maintenance

Backing up your container

To backup your data, configuration and logs, follow these simple steps:

Step 1: Stop the currently running container

```
docker stop wordpress
```

Or using Docker Compose:

```
docker-compose stop wordpress
```

Step 2: Run the backup command

We need to mount two volumes in a container we will use to create the backup: a directory on your host to store the backup in, and the volumes from the container we just stopped so we can access the data.

```
docker run --rm -v /path/to/wordpress-backups:/backups --volumes-from wordpress busybox \
cp -a /bitnami/wordpress /backups/latest
```

Restoring a backup

Restoring a backup is as simple as mounting the backup as volumes in the containers.

For the MariaDB database container:

```
$ docker run -d --name mariadb \
...
- --volume /path/to/mariadb-persistence:/bitnami/mariadb \
+ --volume /path/to/mariadb-backups/latest:/bitnami/mariadb \
bitnami/mariadb:latest
```

For the WordPress container:

```
$ docker run -d --name wordpress \
...
- --volume /path/to/wordpress-persistence:/bitnami/wordpress \
+ --volume /path/to/wordpress-backups/latest:/bitnami/wordpress \
bitnami/wordpress:latest
```

Upgrade this image

Bitnami provides up-to-date versions of MariaDB and WordPress, including security patches, soon after they are made upstream. We recommend that you follow these steps to upgrade your container. We will cover here the upgrade of the WordPress container. For the MariaDB upgrade see <https://github.com/bitnami/containers/tree/main/bitnami/mariadb#upgrade-this-image>

The `bitnami/wordpress:latest` tag always points to the most recent release. To get the most recent release you can simple repull the `latest` tag from the Docker Hub with `docker pull bitnami/wordpress:latest`. However it is recommended to use tagged versions.

Step 1: Get the updated image

```
docker pull bitnami/wordpress:latest
```

Step 2: Stop the running container

Stop the currently running container using the command

```
docker-compose stop wordpress
```

Step 3: Take a snapshot of the application state

Follow the steps in [Backing up your container](#) to take a snapshot of the current application state.

Step 4: Remove the currently running container

Remove the currently running container by executing the following command:

```
docker-compose rm -v wordpress
```

Step 5: Run the new image

Update the image tag in `docker-compose.yml` and re-create your container with the new image:

```
docker-compose up -d
```

Customize this image

The Bitnami WordPress Docker image is designed to be extended so it can be used as the base image for your custom web applications.

Extend this image

Before extending this image, please note there are certain configuration settings you can modify using the original image:

- Settings that can be adapted using environment variables. For instance, you can change the ports used by Apache for HTTP and HTTPS, by setting the environment variables `APACHE_HTTP_PORT_NUMBER` and `APACHE_HTTPS_PORT_NUMBER` respectively.
- [Adding custom virtual hosts](#).
- [Replacing the 'httpd.conf' file](#).
- [Using custom SSL certificates](#).

If your desired customizations cannot be covered using the methods mentioned above, extend the image. To do so, create your own image using a Dockerfile with the format below:

```
FROM bitnami/wordpress
## Put your customizations below
...
```

Here is an example of extending the image with the following modifications:

- Install the `vim` editor
- Modify the Apache configuration file
- Modify the ports used by Apache

```
FROM bitnami/wordpress

## Change user to perform privileged actions
USER 0
## Install 'vim'
RUN install_packages vim
## Revert to the original non-root user
USER 1001

## Enable mod_ratelimit module
RUN sed -i -r 's/#LoadModule ratelimit_module/LoadModule ratelimit_module/' /opt/bitnami/apache/conf/httpd.conf

## Modify the ports used by Apache by default
# It is also possible to change these environment variables at runtime
ENV APACHE_HTTP_PORT_NUMBER=8181
ENV APACHE_HTTPS_PORT_NUMBER=8143
EXPOSE 8181 8143
```

Based on the extended image, you can update the `docker-compose.yml` file present in this repository to add other features:

```
wordpress:
- image: bitnami/wordpress:latest
+ build: .
  ports:
-   - '80:8080'
-   - '443:8443'
+   - '80:8181'
+   - '443:8143'
  environment:
+   - PHP_MEMORY_LIMIT=512m
...
```


Notable Changes

6.4.1-debian-11-r5

- The XML-RPC endpoint has been disabled by default. Users can manually activate via the new `WORDPRESS_ENABLE_XML_RPC` environment variable.

5.7.1-debian-10-r21

- The size of the container image has been decreased.
- The configuration logic is now based on Bash scripts in the *rootfs/* folder.
- Multisite support was added via `WORDPRESS_ENABLE_MULTISITE` and related environment variables.
- Plugins can be installed and activated on the first deployment via `WORDPRESS_PLUGINS`.
- Added support for limiting auto-updates to WordPress core via `WORDPRESS_AUTO_UPDATE_LEVEL`. In addition, auto-updates have been disabled by default. To update WordPress core, we recommend to swap the container image version for your deployment instead of using the built-in update functionality.
- This image now supports connecting to MySQL and MariaDB databases securely via SSL.

5.3.2-debian-10-r30

- The WordPress container has been migrated to a "non-root" user approach. Previously the container ran as the `root` user and the Apache daemon was started as the `daemon` user. From now on, both the container and the Apache daemon run as user `1001`. You can revert this behavior by changing `USER 1001` to `USER root` in the Dockerfile.
- Consequences:
 - The HTTP/HTTPS ports exposed by the container are now `8080/8443` instead of `80/443`.
 - Backwards compatibility is not guaranteed when data is persisted using docker or docker-compose. We highly recommend migrating the WP site by exporting its content, and importing it on a new WordPress container. In the links below you'll find some alternatives:
 - [Migrate WordPress using All-in-One WP Migration plugin](#)
 - [Migrate WordPress using VaultPress](#)
 - No writing permissions will be granted on `wp-config.php` by default.

5.2.1-debian-9-r9 and 5.2.1-ol-7-r9

- This image has been adapted so it's easier to customize. See the [Customize this image](#) section for more information.
- The Apache configuration volume (`/bitnami/apache`) has been deprecated, and support for this feature will be dropped in the near future. Until then, the container will enable the Apache configuration from that volume if it exists. By default, and if the configuration volume does not exist, the configuration files will be regenerated each time the container is created. Users wanting to apply custom Apache configuration files are advised to mount a volume for the configuration at `/opt/bitnami/apache/conf`, or mount specific configuration files individually.
- The PHP configuration volume (`/bitnami/php`) has been deprecated, and support for this feature will be dropped in the near future. Until then, the container will enable the PHP configuration from that volume if it exists. By default, and if the configuration volume does not exist, the configuration files will be regenerated each time the container is created. Users wanting to apply custom PHP configuration files are advised to mount a volume for the configuration at `/opt/bitnami/php/conf`, or mount specific configuration files individually.
- Enabling custom Apache certificates by placing them at `/opt/bitnami/apache/certs` has been deprecated, and support for this functionality will be dropped in the near future. Users wanting to enable custom certificates are advised to mount their certificate files on top of the preconfigured ones at `/certs`.

5.1.1-r28, 5.1.1-rhel-7-r31 and 5.1.1-ol-7-r30

- Users reported that they wanted to import their WordPress database from other installations. Now, in order to cover this use case, the variable `WORDPRESS_SKIP_INSTALL` can be set to avoid the container launch the WordPress installation wizard.

5.0.3-r20

- For performance and security reasons, Apache will set the `AllowOverride` directive to `None` by default. This means that, instead of using `.htaccess` files, all the default directives will be moved to the `/opt/bitnami/wordpress/wordpress-htaccess.conf` file. The only downside of this is the compatibility with certain plugins, which would require changes in that file (you would need to mount a modified version of `wordpress-htaccess.conf` compatible with these plugins). If you want to have the default `.htaccess` behavior, set the `WORDPRESS_HTACCESS_OVERRIDE_NONE` env var to `no`.

5.0.0-r0

- **wp-cli** tool is included in the Docker image. Find it at **/opt/bitnami/wp-cli/bin/wp**.

Contributing

We'd love for you to contribute to this container. You can request new features by creating an [issue](#) or submitting a [pull request](#) with your contribution.

Issues

If you encountered a problem running this container, you can file an [issue](#). For us to provide better support, be sure to fill the issue template.

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