**Alfresco Content Services 6.0.1
(https://docs.alfresco.com/6.0/concepts/welcome.html)** » **Deploying
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**Understanding containerized deployment
(https://docs.alfresco.com/6.0/concepts/deploy-overview.html)**

Deploying using Docker Compose

Use this information to quickly start up Alfresco Content Services using
Docker Compose. This deployment method is only supported for
development and test environments.

To deploy Alfresco Content Services using `docker-compose`,
download and install **Docker (https://docs.docker.com/install/)**, then
follow the steps below.

Note: Make sure that the following ports are free on your computer: 5432, 8080,
8082, 8083. These ports are set in the `docker-compose.yml` file.

1. Clone the project locally, change directory to the project folder, and
switch to the release branch:

```
git clone https://github.com/Alfresco/acs-deployment.
git
cd acs-deployment
git checkout support/HF/1.0
```

In this example, the branch `support/HF/1.0` contains to the latest Alfresco Content Services 6.0.1 release.

You can replace the branch name with a release tag that corresponds to specific version of Alfresco Content Services. See **Alfresco Content Service deployment - Releases (https://github.com/Alfresco/acs-deployment/releases)** for a list of releases.

You can skip the `git checkout` command to deploy Alfresco Content Services using the `latest` images. By doing this, you'll access the latest (and possibly unreleased) components, such as release candidates (i.e. `-RC`).

Alternatively, you can use the following link to view or download the project source code (as a zip file):

```
https://github.com/Alfresco/acs-deployment/tree/suppo
rt/HF/1.0
```

2. Change directory to the `docker-compose` folder:

```
cd docker-compose
```

3. Deploy Alfresco Content Services, including the repository, Share, Postgres database, and Search Services:

```
docker-compose up
```

This downloads the images, fetches all the dependencies, creates each container, and then starts the system:

```
Creating network "docker-compose_default" with the de
fault driver
...
Creating docker-compose_alfresco-pdf-renderer_1 ... d
one
Creating docker-compose_solr6_1                  ... d
one
Creating docker-compose_postgres_1               ... d
one
Creating docker-compose_imagemagick_1            ... d
one
Creating docker-compose_libreoffice_1            ... d
one
Creating docker-compose_share_1                  ... d
one
Creating docker-compose_alfresco_1               ... d
one
Attaching to docker-compose_postgres_1, docker-compos
e_solr6_1, docker-compose_alfresco-pdf-renderer_1, do
cker-compose_imagemagick_1, docker-compose_alfresco_1
, docker-compose_libreoffice_1, docker-compose_share_
1
...
```

As an alternative, you can also start the containers in the background by running docker-compose up -d.

4. Wait for the logs to complete, showing message:

```
...
alfresco_1 | 2018-08-28 08:40:30,386  INFO  [manageme
nt.subsystems.ChildApplicationContextFactory] [http-n
io-8080-exec-10] Starting 'Transformers' subsystem, I
D: [Transformers, default]
alfresco_1 | 2018-08-28 08:40:30,661  INFO  [manageme
nt.subsystems.ChildApplicationContextFactory] [http-n
io-8080-exec-10] Startup of 'Transformers' subsystem,
ID: [Transformers, default] complete
```

If you encounter errors whilst the system is starting up:

- Stop the session (by using CONTROL+C).

- Remove the containers (using the --rmi all option):
  ```
  docker-compose down --rmi all
  ```

- Try allocating more memory resources, as advised in
  docker-compose.yml. For example, in Docker, change
  the memory setting in **Preferences** (or **Settings**) >
  Advanced > **Memory**, to at least 6 GB. Make sure you
  restart Docker and wait for the process to finish before
  continuing.

- Go back to step **3 (deploy-docker-compose.html#deploy-
  docker-compose__up)** (above) to start the deployment
  again.

Note: Although 16 GB is the required minimum memory setting, keep in
mind that 6 GB is much lower than the required minimum, and may
need to be adapted for your environment.

5. Open your browser and check everything starts up correctly:

- Share: `http://localhost:8080/share`
- REST APIs and administration:
  `http://localhost:8082/alfresco`
- Search administration: `http://localhost:8083/solr`

6. Log in as the `admin` user. Enter the default administrator password
   `admin`.

You can use a number of commands to check that the system started
correctly. See **Checking system start up (docker-system-startup.html)**
for more.

See the **Alfresco/acs-deployment (https://github.com/Alfresco/acs-deployment/tree/support/HF/1.0)** GitHub project documentation for the
prerequisites and detailed setup: **Deploying using Docker Compose
(https://github.com/Alfresco/acs-deployment/blob/support/HF/1.0/docs/docker-compose-deployment.md)**

In this project, you can use the `docker-compose.yml` file following the
documentation for standard installations, or **customize the file
(https://github.com/Alfresco/acs-deployment/blob/support/HF/1.0/docs/customising-deployment.md)**
to apply settings as appropriate to your specific deployment environment.

Checking system start up (../tasks/docker-system-startup.html)
Use this information to verify that the system started correctly, and to
clean up the deployment.

Parent topic: Understanding containerized deployment (../concepts/deploy-overview.html)

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