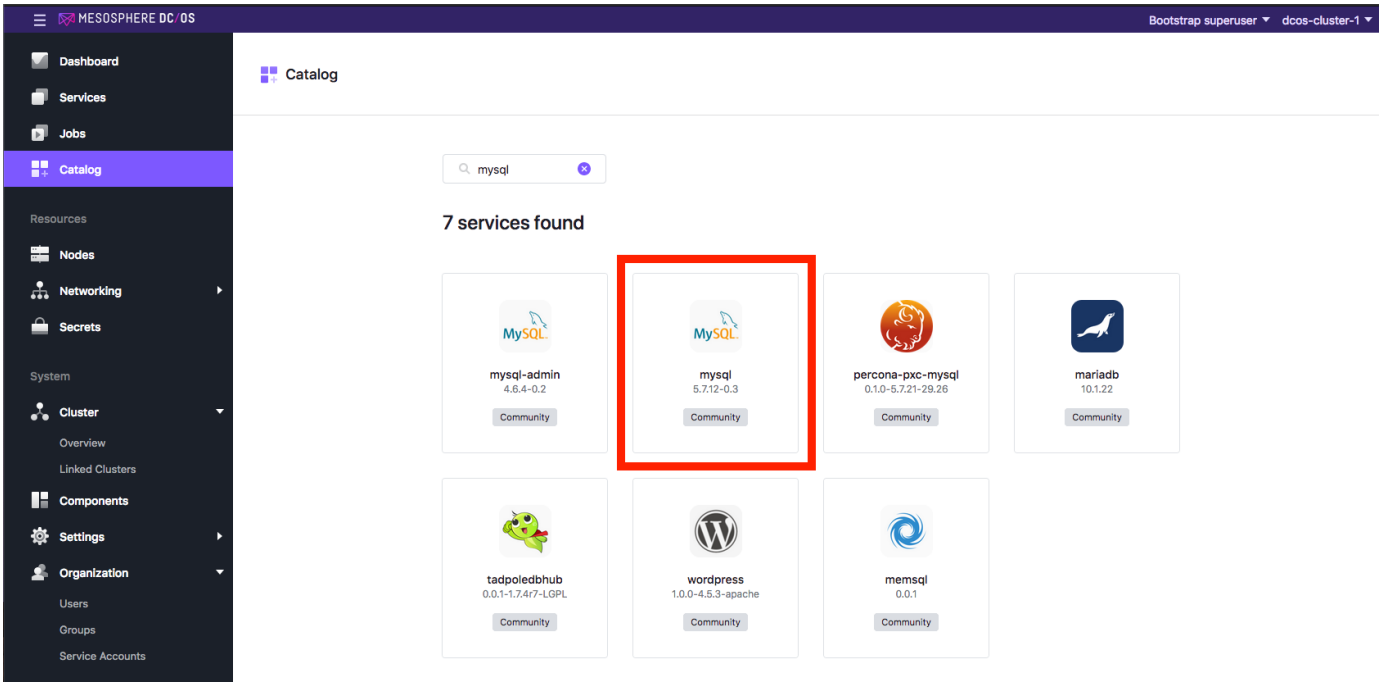
Lab 3 - Install Packages from the DC/OS GUI

Lab Completion Time: 15 - 30 minutes.

Step 1

In the Navigation menu at the left of your browser, click on Catalog. In the search bar at the top of the window, type **mysql**. In the results, click on the mysql icon in the list of results that were returned.



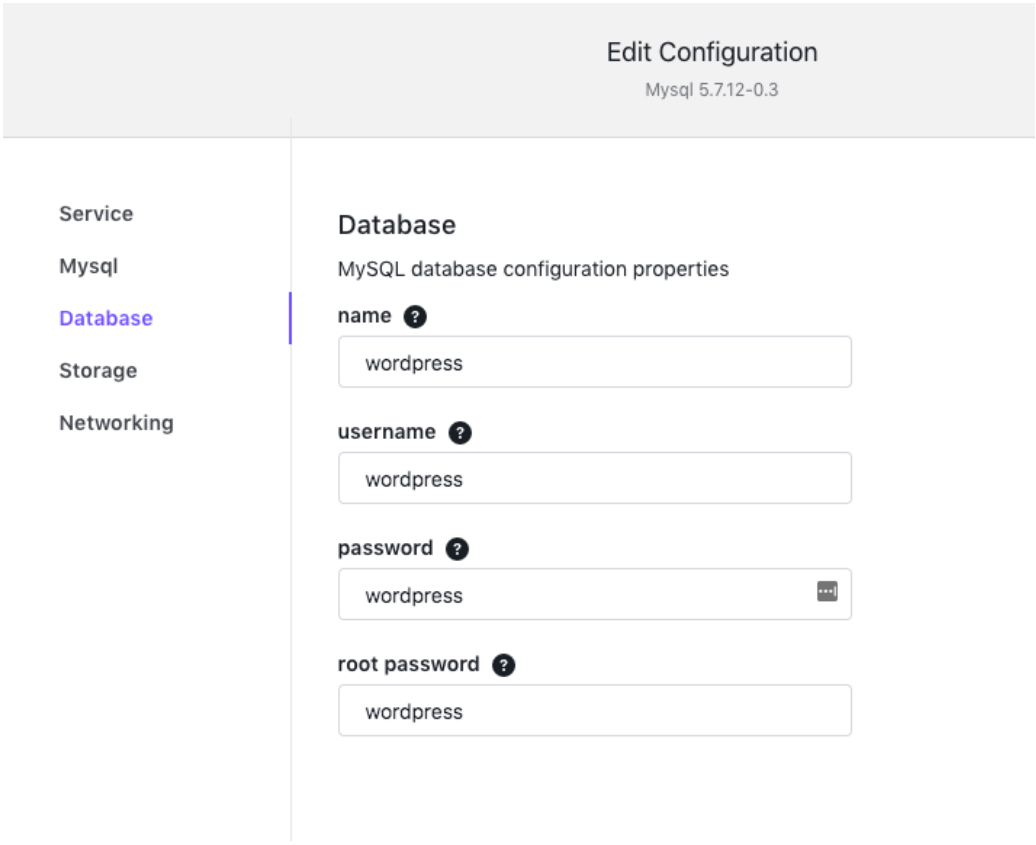
(_images/package-search-mysql.png)

Step 2

On the mysql package's details page, click on the Review & Run button.

Step 3

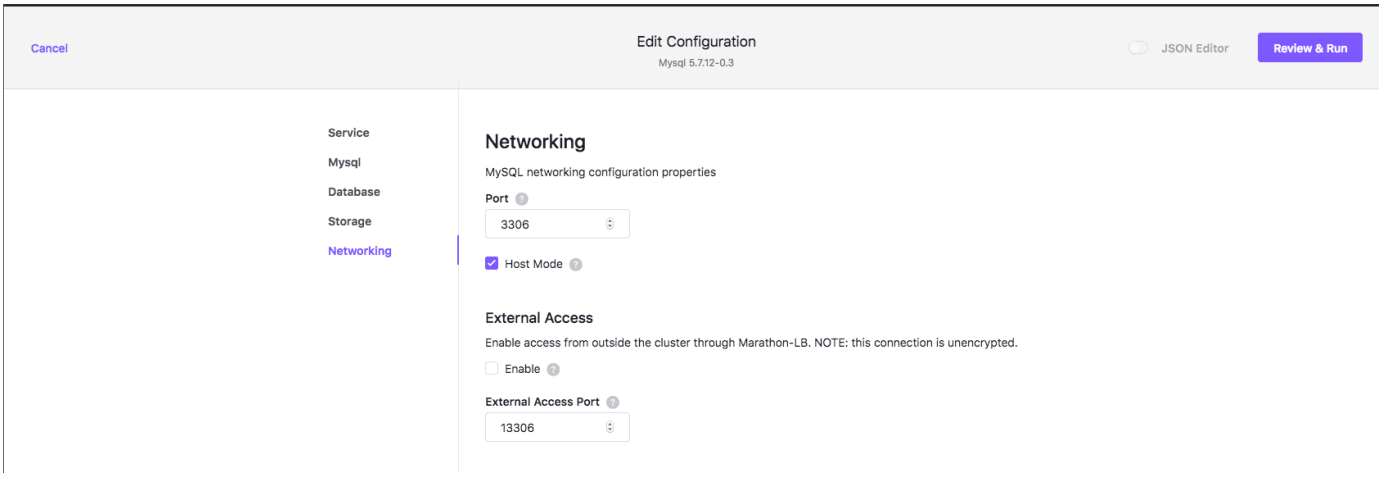
In the Edit Configuration window, select the option on the left labeled Database and use the following values for the different fields that are displayed:



(_images/db-config.png)

Step 4

While still in the Edit Configuration window, select the option on the left labeled Networking and tick the checkbox for host mode.



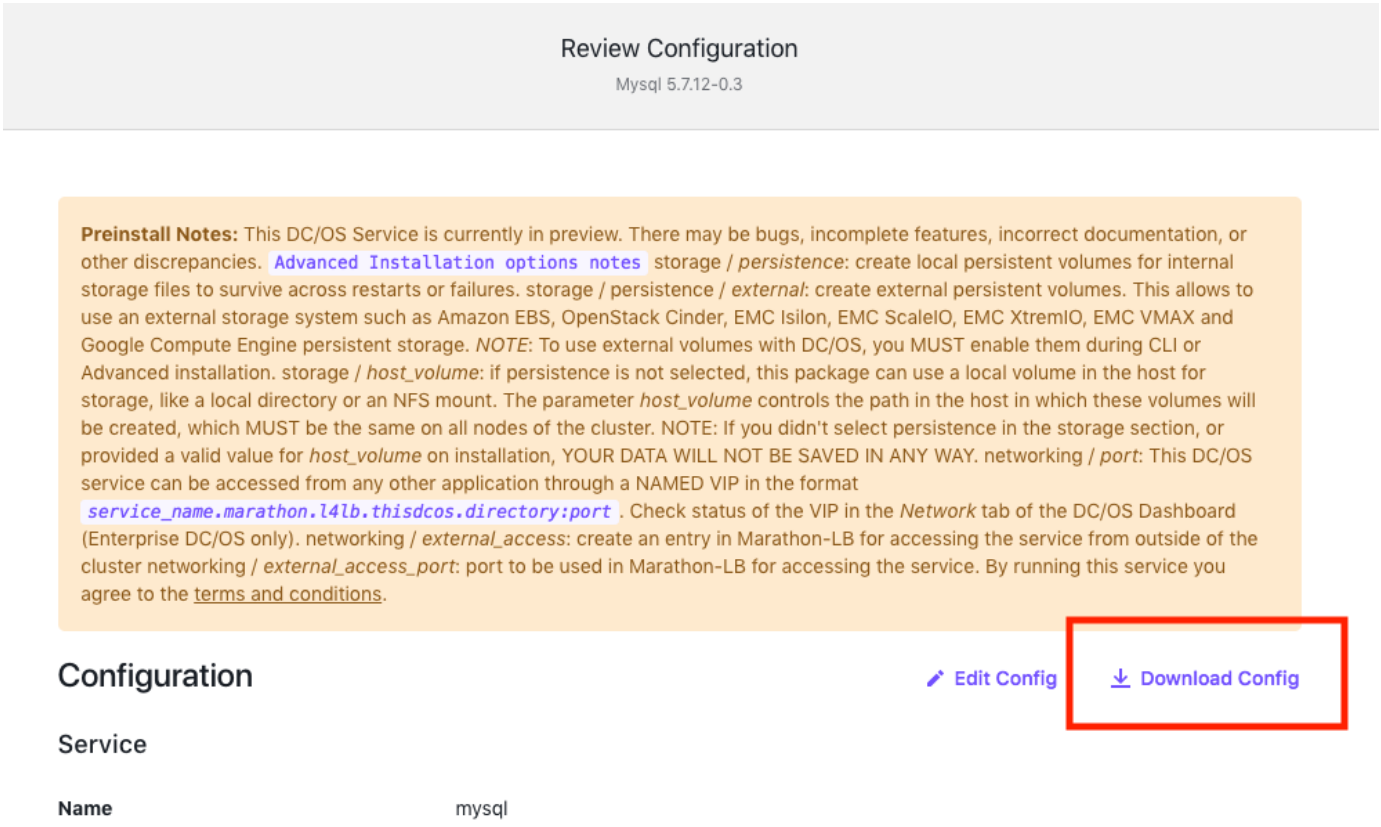
(_images/host-mode.png)

Step 5

When done filling out the options click Review & Run at the top right of the window.

Step 6

Click on the link right below the Preinstall Notes labeled Download Config. Make sure you make a note of where that file was downloaded to on your system as we will need it for an upcoming lab.



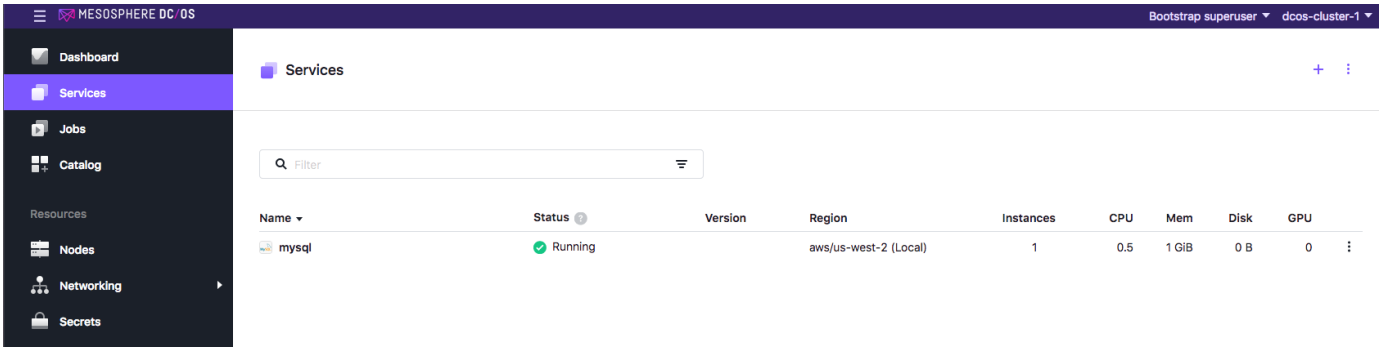
(_images/download-config-mysql.png)

Step 7

After you have downloaded the config file, click on the Run Service button at the top right of the window.

Step 8

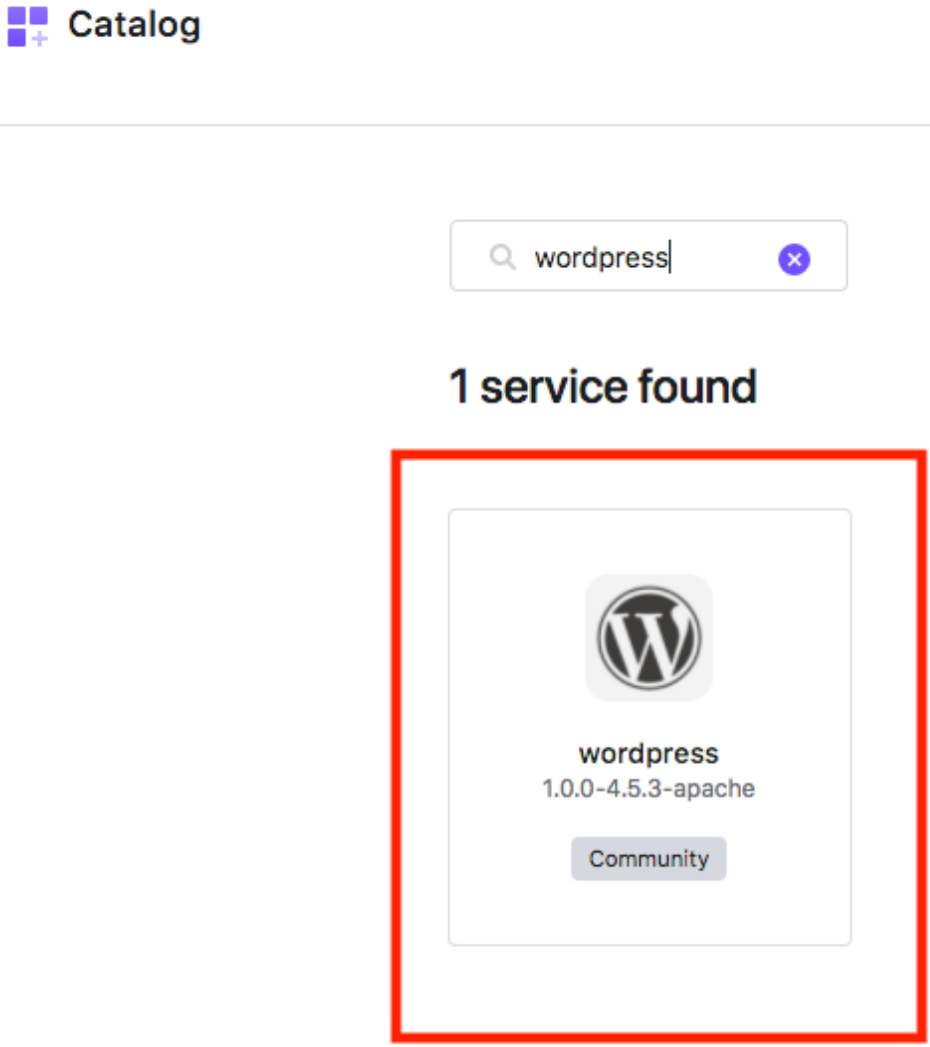
Switch to the Services page to watch MySQL get to a Running and Healthy state.



(_images/healthy-mysql.png)

Step 9

Once MySQL is running and healthy, switch back to the Catalog page and search for **wordpress**. In the results, click on the **wordpress** icon in the list of results that were returned.



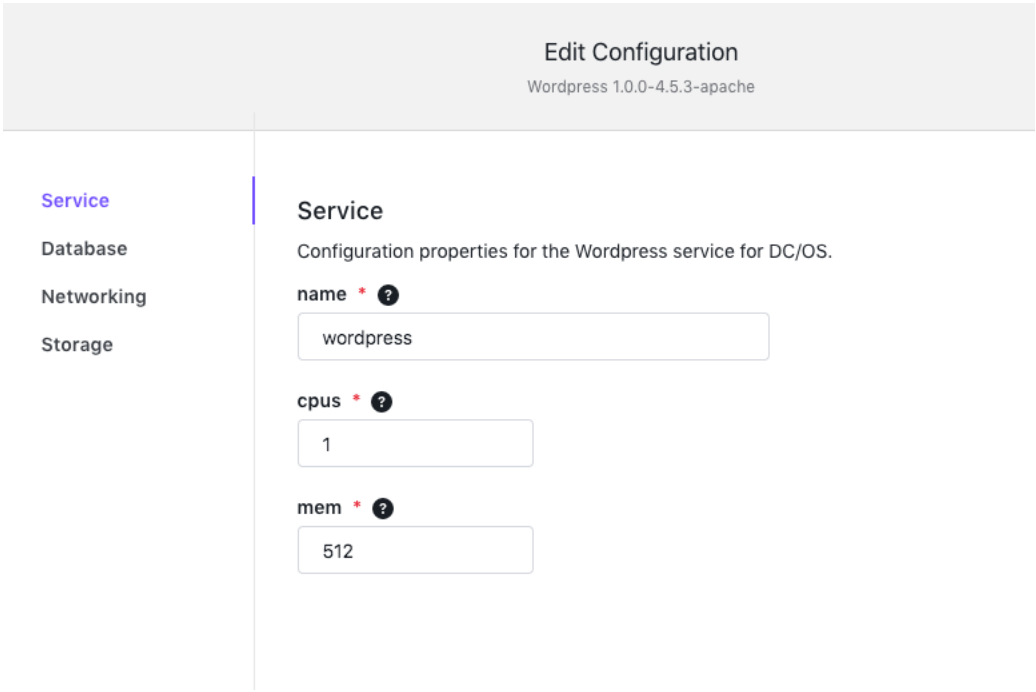
(_images/package-search-wordpress.png)

Step 10

From the wordpress package's details page, click on the Review & Run button.

Step 11

Set the following properties:



(_images/wordpress-config.png)
We are doing this just to make sure everything has enough resources to start. Leave everything else as the default.

Note

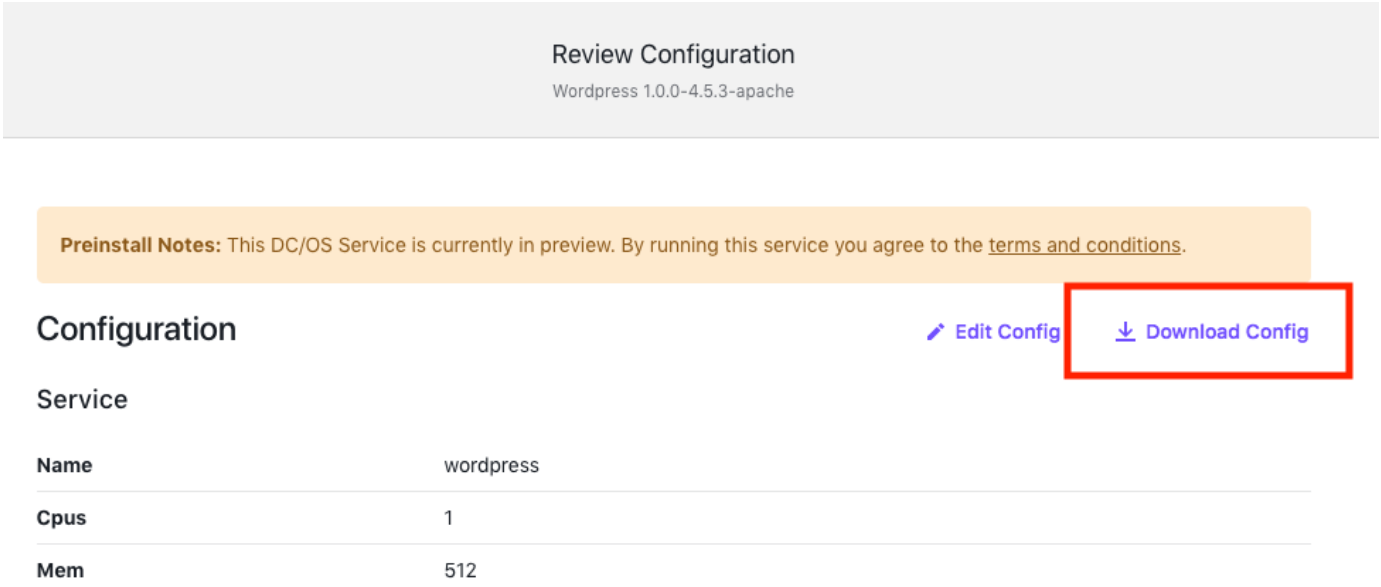
All the database settings you set in MySQL correspond with the default database connection settings for the **wordpress** package.

Step 12

Click on Review & Run at the top right of the window.

Step 13

Before you click Run Service, click on the link right below the Preinstall Notes labeled Download Config. Make sure you make a note of where that file was downloaded to on your system as we will need it for an upcoming lab.



(_images/download-config-wordpress.png)

Step 14

After you have downloaded the config file, click on the Run Service button at the top right of the window.

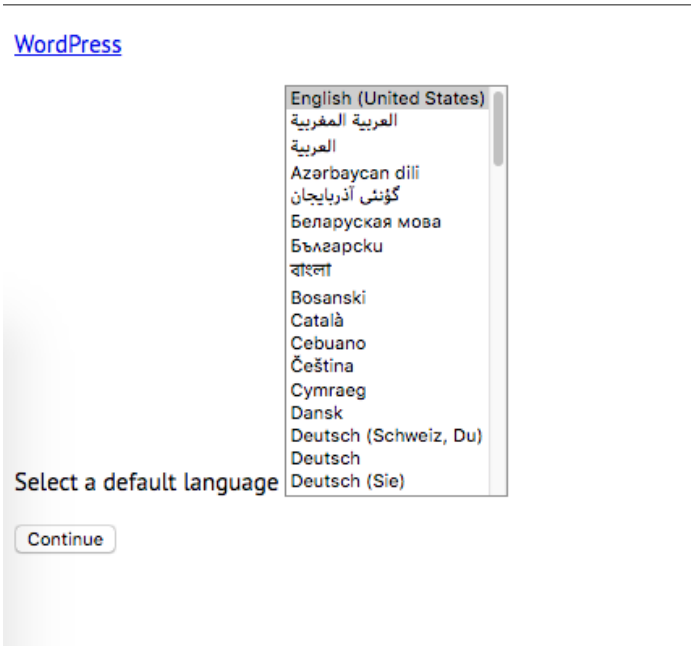
Step 15

Switch back to the Services page. In a few moments you should see both mysql and wordpress running.

Step 16

To access the **wordpress** UI, you can hover your mouse over the service from the services page and you should see a pop-out icon.

(_images/wordpress-popout.png)
Click on that pop-out icon and it should open up a new tab to the wordpress interface.



(_images/wordpress-landing.png)

Note

Rather than the URL used to access Wordpress above, it is more common to expose a service to external clients through an externally facing load balancer. We will cover that topic later on in the course.

Step 17

From the Services page in the DC/OS GUI, locate the wordpress service. Click on the three vertical dots found at the far right of the window, then select Delete. You will be prompted to enter the service name before deleting. This is to ensure services are not accidentally deleted.

(_images/wordpress-destroy.png)

Step 18

Follow the same process from **Step 17** to remove mysql from your cluster.

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