

(https://profile.intra.42.fr)

SCALE FOR PROJECT CLOUD-1 (/PROJECTS/42CURSUS-CLOUD-1)

You should evaluate 1 student in this team



Git repository

git@vogsphere-v2.1337.ma:vogsphere/intra-uuid-eb6b67be-f1ef



Introduction

For the smooth running of this evaluation, we ask you to respect the following rules :

- Remain courteous, polite, respectful and constructive in all your dealings. situations during this exchange. The bond of trust between the community 42 and you depend on it.
- Highlight to the person (or group) being graded possible malfunctions of the work rendered, and take the time for discussion and debate.
- Accept that sometimes there may be differences. of interpretation on the subject's demands or the scope of the functionalities. Stay open-minded to the vision of the other (is he or she right or wrong?), and note the more honestly possible. The pedagogy of 42 makes sense only if the peer-evaluation is done seriously.

Guidelines

- This project requires correcting external resources to 42, in plus the student's usual GIT deposit. The student must therefore connect as root access as possible to the service he will have chosen, his root account must be his email address. student or his login. Otherwise, indicate a case of cheats, and the defense stops.

- Make sure to check that the GIT deposit is indeed the one corresponding to the student or group, and the project.
- Verify meticulously that no malicious aliases have been used. used to mislead you and get you evaluated differently thing than the contents of the official repository.
- Any script that is supposed to facilitate the evaluation provided by one of the two parties must be rigorously checked by the other party to avoid unpleasant surprises.
- If the student corrector has not yet done this project, it is mandatory for this student to read the project's subject in its entirety before beginning this presentation.
- Use the flags available on this scale to signal a rendered empty, non-functional, a standard error, a case of cheating, etc. In this case, the evaluation is completed and the final grade is 0 (or -42 in the special case of cheating). However, out of cases of cheating, you are encouraged to continue to exchange around the work done (or not done precisely) for identify the problems that have led to this situation and the Avoid for the next render.
- The defense stops at the first wrong answer. met. But you can of course continue to exchange around the work done.

Attachments

 subject.pdf (<https://cdn.intra.42.fr/pdf/pdf/40594/en.subject.pdf>)

Overview

This section aims to verify that the website is indeed working as intended.

Website is working

Go to the student's website:

- Is this site running under WordPress? If you Refresh the page multiple times, does the content of the page remains the same (except for the visual identification of the server we are on)?
- Take a walk in the pages, refresh the content, does it works?

-Is the IP of the current server listed in the page somewhere, and can each server be accessed by using this IP?

☒ Yes☐ No

Web security basics

What arrangements have been made by the user to secure its content?

-Only the ports 80/443 (HTTP/HTTPS) should be accessible from the outside of the instances.

-The database must be accessible only on the port necessary for its operation and only in local.

If other security mechanisms are present, it's cool, talk about it.

☒ Yes☐ No

Infrastructure as code

This section will assess the "infrastructure as code" aspect of the project. The goal here is to assess whether or not a student understood what infrastructure as code is about. What is idempotency? What are the different steps to provision something? Does the deployment works?

Deployment

Verify that the Ansible deployment script works by deploying the the student code on another machine than the one they own. It must be possible to get the same site by executing the same script.

☒ Yes☐ No

Idempotency of deployment

Check that you can apply the same script several times and get a site that works.

☒ Yes☐ No

Modular architecture

Is the student's code broken down into several relevant roles?
Typically the web server in one role, the database in another role, etc.
The goal is to be able to deploy the parts independently of each other.

☒ Yes☐ No

Secrets managements

Does the code contain hard-coded secrets? Like a password
to connect to the database hard-coded in the code.
Be ruthless about it. People get fired for this kind of neglect.

☒ Yes☐ No

Containers

In this part, we will review how well the containers are configured and managed

Containers best practices

Are the Dockerfile organized to benefit from the cache?
ie. Having the part that often changes at the END of the Dockerfile and the part
that does not change a lot (system dependencies) at the beginning?

Are the containers as small as possible?

☒ Yes☐ No

Modular containers

Are the containers well separated from each other?
Is there one container for the database, one for the PHP run time, one for the web proxy etc.?
It must be possible for these containers to communicate with each other.

☒ Yes☐ No

Container and storage

Is the site data stored in mounted volumes?
Is it possible to view these volumes for an administrator?
using the docker commands?

☒ Yes☐ No

Orchestration

Is it possible to launch all containers in one go? is it possible to restart them individually?

☒ Yes☐ No

Ratings

Don't forget to check the flag corresponding to the defense

☒ Ok☐ ★ Outstanding project☐ Empty work☐ No author file☐ Invalid compilation☐ Norme☐ Cheat☐ Crash☐ Incomplete group☐ Forbidden function

Conclusion

Leave a comment on this evaluation

Finish evaluation

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