search...

0 amathew

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

Remember that the quality of the defenses, hence the quality of the of the school on the l
remote defences during the Covid crisis allows more flexibility so you can progress into y
more risks of cheat, injustice, laziness, that will harm everyone's skills development. We
wisdom during these remote defenses for the benefits of the entire community.

SCALE FOR PROJECT BORN2BER
(/PROJECTS/BORN2BEROO

You should evaluate 1 student in this team

★

Git repository

git@vogsphere.42heilbronn.de:v

Introduction

Please comply with the following rules:

- Remain polite, courteous, respectful and constructive throughout the evaluation process. The well-being of the community depends on it.

- Identify with the student or group whose work is evaluated the possible dysfunctions in their project. Take the time to discuss and debate the problems that may have been identified.

- You must consider that there might be some differences in how your peers might have understood the project's instructions and the scope of its functionalities. Always keep an open mind and grade them as honestly as possible. The pedagogy is useful only and only if the peer-evaluation is done seriously.

Guidelines

- Only grade the work that was turned in the Git repository of the evaluated student or group.

- Double-check that the Git repository belongs to the student(s). Ensure that the project is the one expected. Also, check that "git clone" is used in an empty folder.

- Check carefully that no malicious aliases was used to fool you and make you evaluate something that is not the content of the official repository.

- To avoid any surprises and if applicable, review together any scripts used to facilitate the grading (scripts for testing or automation).

- If you have not completed the assignment you are going to evaluate, you have to read the entire subject prior to starting the evaluation process.

- Use the available flags to report an empty repository, a non-functioning program, a Norm error, cheating, and so forth.
In these cases, the evaluation process ends and the final grade is 0,

or -42 in case of cheating. However, except for cheating, student are strongly encouraged to review together the work that was turned in, in order to identify any mistakes that shouldn't be repeated in the future.

Attachments

subject.pdf (https://cdn.intra.42.fr/pdf/pdf/27093/en.subjec

Preliminaries

If cheating is suspected, the evaluation stops here. Use the "Cheat" flag to report it. Ta and please, use this button with caution.

Preliminary tests

- Defense can only happen if the student being evaluated or group is present. This way everybody learns by sharing knowledge with each other.
- If no work has been submitted (or wrong files, wrong directory, or wrong filenames), the grade is 0, and the evaluation process ends.
- For this project, you have to clone their Git repository on their station.

Yes

General instructions

General instructions

- During the defense, as soon as you need help to verify a point, the student evaluated must help you.
- Ensure that the "signature.txt" file is present at the root of the cloned repository.
- Check that the signature contained in "signature.txt" is identical to that of the ".vdi" file of the virtual machine to be evaluated. A simple "diff" should allow you to compare the two signatures. If necessary, ask the student being evaluated where their ".vdi" file is located.
- As a precaution, you can duplicate the initial virtual machine in order to keep a copy.
- Start the virtual machine to be evaluated.
- If something doesn't work as expected or the two signatures differ, the evaluation stops here.

Yes

Mandatory part

The project consists of creating and configuring a virtual machine following strict rules will have to help you during the defense. Make sure that all of the following points are

Project overview

- The student being evaluated should explain to you simply:
- How a virtual machine works.
- Their choice of operating system.
- The basic differences between CentOS and Debian.
- The purpose of virtual machines.
- If the evaluated student chose CentOS: what SELinux and DNF are.

- If the evaluated student chose Debian: the difference between
aptitude and apt, and what APPArmor is.
During the defense, a script must display information all
every 10 minutes. Its operation will be checked in detail later.
If the explanations are not clear, the evaluation stops here.

Yes

Simple setup

Remember: Whenever you need help checking something, the student being evaluate
should be able to help you.
- Ensure that the machine does not have a graphical environment at launch.
A password will be requested before attempting to connect to this machine.
Finally, connect with a user with the help of the student being evaluated.
This user must not be root.
Pay attention to the password chosen, it must follow the rules imposed in the subject.
- Check that the UFW service is started with the help of the evaluator.
- Check that the SSH service is started with the help of the evaluator.
- Check that the chosen operating system is Debian or CentOS with the help of the eva
If something does not work as expected or is not clearly explained,
the evaluation stops here.

Yes

User

Remember: Whenever you need help checking something, the student being evaluate
should be able to help you.

The subject requests that a user with the login of the student being evaluated is present
on the virtual machine. Check that it has been added and that it belongs to the
"sudo" and "user42" groups.

Make sure the rules imposed in the subject concerning the password policy have beer
following the following steps.

First, create a new user. Assign it a password of your choice, respecting the subject rul
student being evaluated must now explain to you how they were able to set up the rul
in the subject on their virtual machine.
Normally there should be one or two modified files. If there is any problem, the evaluc

- Now that you have a new user, ask the student being evaluated to create a group n
front of you and assign it to this user. Finally, check that this user belongs to the "evaluc

- Finally, ask the student being evaluated to explain the advantages of this password p
advantages and disadvantages of its implementation. Of course, answering that it is b
for it does not count.

If something does not work as expected or is not clearly explained, the evaluation sto

Yes

Hostname and partitions

Remember: Whenever you need help checking something, the student being evaluate
should be able to help you.

- Check that the hostname of the machine is correctly formatted as follows:

login42 (login of the student being evaluated).
- Modify this hostname by replacing the login with yours, then restart the machine.
If on restart, the hostname has not been updated, the evaluation stops here.
- You can now restore the machine to the original hostname.
- Ask the student being evaluated how to view the partitions for this virtual machine.
- Compare the output with the example given in the subject. Please note: if the student evaluated makes the bonuses, it will be necessary to refer to the bonus examp

This part is an opportunity to discuss the scores! The student being evaluated should give you a brief explanation of how LVM works and what it is all about.
If something does not work as expected or is not clearly explained,
the evaluation stops here.

Yes

SUDO

Remember: Whenever you need help checking something, the student being evaluate should be able to help you.

- Check that the "sudo" program is properly installed on the virtual machine.
- The student being evaluated should now show assigning your new user to the "sudo"
- The subject imposes strict rules for sudo. The student being evaluated must first explai value and operation of sudo using examples of their choice.
In a second step, it must show you the implementation of the rules imposed by the subj
- Verify that the "/var/log/sudo/" folder exists and has at least one file. Check the co of the files in this folder, You should see a history of the commands used with sudo.
Finally, try to run a command via sudo. See if the file (s) in the "/var/log/sudo/" fold have been updated.
If something does not work as expected or is not clearly explained, the evaluation sto

Yes

UFW

Remember: Whenever you need help checking something, the student being evaluate should be able to help you.

- Check that the "UFW" program is properly installed on the virtual machine.
- Check that it is working properly.
- The student being evaluated should explain to you basically what UFW is and the value of using it.
- List the active rules in UFW. A rule must exist for port 4242.
- Add a new rule to open port 8080. Check that this one has been added by listing th
- Finally, delete this new rule with the help of the student being evaluated.
If something does not work as expected or is not clearly explained, the evaluation sto

Yes

SSH

Remember: Whenever you need help checking something, the student being evaluate should be able to help you.

- Check that the SSH service is properly installed on the virtual machine.
- Check that it is working properly.
- The student being evaluated must be able to explain to you basically what SSH is an the value of using it.
- Verify that the SSH service only uses port 4242.
- The student being evaluated should help you use SSH in order to log in with the new







Menu

- My projects (/)
- Holy Graph (/projects/graph)
- List projects (/projects/list)
- Available Cursus (/cursus_subscriptions)

Your projects

- libft (/projects/42cursus-libft)

To do this, you can use a key or a simple password. It will depend on the student bein
Of course, you have to make sure that you cannot use SSH with the "root" user as stat
If something does not work as expected or is not clearly explained, the evaluation sto

Yes

Script monitoring

Remember: Whenever you need help checking something, the student being evaluate
should be able to help you.

The student being evaluated should explain to you simply:
- How their script works by showing you the code.
- What "cron" is.
- How the student being evaluated set up their script so that it runs every 10 minutes from when the server starts.

Once the correct functioning of the script has been verified, the student being evaluate
should ensure that this script runs every minute. You can run whatever you want
to make sure the script runs with dynamic values correctly. Finally, the student being ev
should make the script stop running when the server has started up, but without
modifying the script itself. To check this point, you will have to restart
the server one last time. At startup, it will be necessary to check that the script
still exists in the same place, that its rights have remained unchanged, and that it
has not been modified.
If something does not work as expected or is not clearly explained, the evaluation sto

Yes

Bonus

*Evaluate the bonus part if, and only if, the mandatory part has been entirely and perfe
management handles unexpected or bad usage. In case all the mandatory points we
defense, bonus points must be totally ignored.*

Bonus

Check, with the help of the subject and the student being evaluated, the bonus
points authorized for this project:
- Setting up partitions is worth 2 points.
- Setting up WordPress, only with the services required by the subject,
is worth 2 points.
- The free choice service is worth 1 point.

Verify and test the proper functioning and implementation of each extra
service.
For the free choice service, the student being evaluated has to give you a
simple explanation about how it works and why they think it is useful.
Please note that NGINX and Apache2 are prohibited.

Rate it from 0 (failed) through 5 (excellent)

Ratings

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

✔ Ok

Empty work Incomplete work Cheat Crash

Concerning situation

Conclusion

Leave a comment on this evaluation

You did an awesome job of understanding the project. Explanation was very clear
functionality of the project throughly, I'm sure you will fix the small errors, "SSH serv

Finish evaluation