

SCALE FOR PROJECT FT_NMAP (/PROJECTS/FT_NMAP)

Introduction

We ask you for the good progress of this evaluation to respect the following rules:

- Be courteous, polite, respectful and constructive in all situations during this exchange. The bond of trust between the community 42 and you depends on it.
- Highlight to the person (or group) noted the possible malfunctions of work done, and take the time to discuss and discuss.
- Accept that there may sometimes be differences of interpretation on the subject's requests or the scope of the features. Stay open-minded about the other's vision (is he or she right or wrong?), And write down the most honestly possible. The pedagogy of 42 only makes sense if the peer-evaluation is done seriously.

Guidelines

- You should only evaluate what is on the student / group's rendering GiT repository .
- Make sure that the GiT repository is the one corresponding to the student or group and the project.
- Meticulously verify that no malicious alias has been used to mislead you and have you evaluate anything other than the content of the official repository.
- Any meaningful script facilitating the evaluation provided by one of the two parties must be rigorously checked by the other party to


avoid unpleasant surprises.

- If the correcting student has not yet done this project, it is mandatory for this student to read the subject in full before starting this defense.

- Use the flags available on this scale to signal an empty rendering, non-functional, a standard fault, a cheat case, etc. In this case, the evaluation is completed and the final grade is 0 (or -42 in the special case of cheating). However, except cheating, you are encouraged to continue to exchange around the work done (or not done precisely) to identify the problems that led to this situation and avoid them for the next rendering.

- The evaluation must take place in a Linux virtual machine with a kernel > 3.14 with root rights.

Attachments

 Subject (https://cdn.intra.42.fr/pdf/pdf/5703/ft_nmap.en.pdf)

ft_nmap base

Attempt to use the project without options.

Checking arguments

The program checks whether the user has the necessary rights and executes correctly with the "help" option. It displays a simple, clear and fair explanation of its use.

 Yes

 No.

ft_nmap ip

ft_nmap ip

Start the program with a valid and functional IPv4 address parameter. The scan may take a little time, it's normal. The number of ports to scan displayed in the header is 1024. The number of threads displayed in the header is 0. The 6 types of scan are identifiable in the result and in the header. The scanned port range is present in the result. The name of the services using each port is readable in the

result. The duration of the scan is readable in the result. There is a differentiation between open ports and others (Closed, etc). If a condition is not respected then the correction will stop here.

✓ Yes

✗ No.

ft_nmap with arguments

Start the program with a valid hostname parameter and the following options -> The port range will be at the discretion of the corrector (it will take only 10 ports). The scan will be of type SYN NULL. The number of threads will be 200.

The required parts in the header are present with the values in line with the question. Do not hesitate to run the real nmap to verify that the result is correct. The group must be able to explain the types of scan usable by nmap. The duration of the scan should not exceed 20 seconds. If a condition is not respected then the correction will stop here.

✓ Yes

✗ No.

ft_nmap file

ft_nmap file

Start the program with as parameter a file containing a list of ip / hostname valid and the following options -> The range of port will be chosen by the corrector (it will take no more than 10 port here). The scan will be of FIN XMAS type. The number of threads will be 250.

The required parts in the header are present with the values in line with the question. Do not hesitate to run the real nmap to verify that the result is correct. The group must be able to explain the types of scan usable by nmap. If a condition is not respected then the correction will stop here.

✓ Yes

✗ No.

ft_nmap hostname OR ip OR file

Start the program with as parameter a file containing a list of ip / hostname valid and the following options -> The range of port will be chosen by the corrector (it will take no more than 10 port here). The scan will be of ACK UDP type. The number of threads will be 70.

The required parts in the header are present with the values in line with the question. Do not hesitate to run the real nmap to verify that the result is correct. The group must be able to explain the types of scan usable by nmap. If a condition is not respected then the correction will stop here.

✓ Yes

✗ No.

ft_nmap services

ft_nmap ip sport spe

Launch the program with the following parameter -> The ip address will be google.fr. The port will be set to 79 The scan will be NULL. The required parts in the header are present with the values in line with the question. The service has the name 'finger' in the result. The duration of the scan should not exceed 1 second.

☒ Yes

☐ No.

ft_nmap ip sport spe

Launch the program with the following parameter -> The ip address will be google.fr. The port range will be set on 10-20. The scan will be of type SYN.

The required parts in the header are present with the values in line with the question. The ftp-data (20), loaden (19), msp (18), netstat (15), and systat (11) services are clearly readable in the result.

☒ Yes

☐ No.

custom ft_nmap

custom ft_nmap

The proofreader here is free to make the tests a little more complex than he wishes. Attempt to add negative value in port. Attempt with empty file usage. Etc.

☒ Yes

☐ No.

ft_nmap bonus

Bonus only if ALL previous points are valid.

Bonus made for this project

Flag -v -V EXCLUDED



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

ratings

Do not forget to check the flag

✓ Okay

★ Outstanding project

📄 Empty work

📄 Incomplete work

💬 No author file

🧠 Invalid compilation

📄 Standard

📄 cheat

💥 Crash

👤 Incomplete group

🚫 Forbidden function

Conclusion

Leave a comment on this evaluation

Preview !!!

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