

UT 10.1 LINUX: NETWORKING

ACTIVITIES

Computer Systems
CFGS DAW

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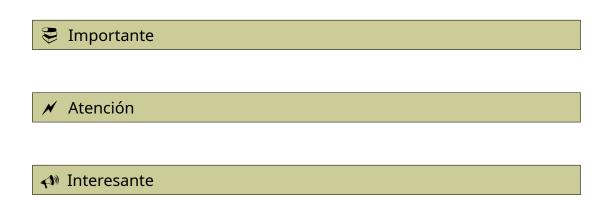
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Nomenclature

Throughout this unit different symbols will be used to distinguish important elements within the content. These symbols are:



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1. EXERCISE 1

You have to indicate which commands you must use to carry out the following instructions. If there is a command that is not in the Aules documentation, you have the task of looking for it

- 1. Display information for all network interfaces:
- 2. Display information for a specific network interface:
- 3. Assign an IP address to a network interface:
- 4. Remove an IP address from a network interface:
- 5. Set a static route:
- 6. Show the current routes:
- 7. Ping a host
- 8. Specify the number of packets to send:
- 9. Specify the packet size:
- 10. Perform a continuous ping:
- 11. Display detailed information for each packet:

2. EXERCISE 2

You have to indicate which commands you must use to carry out the following instructions. If there is a command that is not in the Aules documentation, you have the task of looking for it

- 1. Start an ssh session with a specific user and remote host:
- 2. Specify a different port than the default (22):
- 3. Start an ssh session with a private key:
- 4. Run a command on a remote server and exit immediately after:

3. EXERCISE 3

You have to indicate which commands you must use to carry out the following instructions. If there is a command that is not in the Aules documentation, you have the task of looking for it

- 1. Connect to a remote server:
- 2. Download a file from the remote server:
- 3. Load a file in the remote server:
- 4. List the file in the remote folder:
- 5. Navigate the remote folder "computer-systems-remote":
- 6. Exit the connection to the remote server: