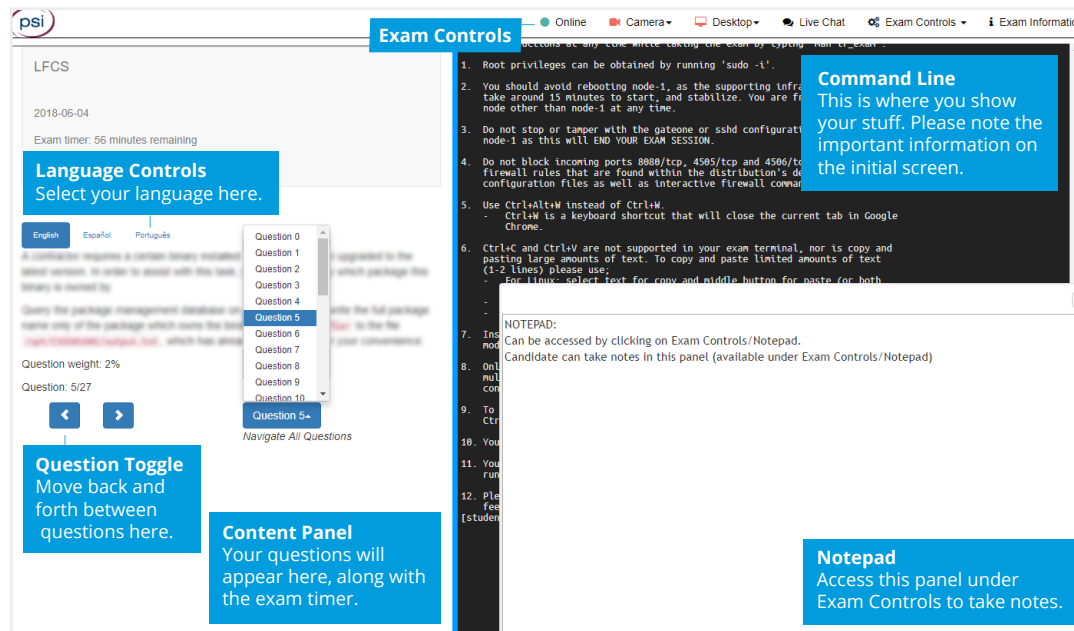


# Things To Remember Before An Exam

## 1. The only software you need is Chrome/Chromium.

We've designed the exam so that you don't need to install a virtual machine, use a client machine, or anything beyond a Chrome or Chromium browser.

Here's what your browser screen will look like:



### Important:

- Make sure you have third party cookies turned on, even if it's just for the duration of the exam.
- Ensure that your computer is set up to take the exam with the Compatibility Check Tool: [examslocal.com/ScheduleExam/Home/CompatibilityCheck](https://examslocal.com/ScheduleExam/Home/CompatibilityCheck)
- Please take appropriate steps to ensure that your bandwidth is fully available during the exam. For example, turn off services which may run in the background like BitTorrent or Google Drive and ask others who may be sharing your Internet connection not to stream video or download large files.

## 2. Make sure your ID is all squared away

When you first log into the exam, you will be asked to place your ID in front of your webcam so that the proctor can verify your identity. You can use any current, non-expired government ID that has your photo and full name. You can get full details at [training.linuxfoundation.org/about/faqs/certification-faq/#acceptable-ID-forms](https://linuxfoundation.org/about/faqs/certification-faq/#acceptable-ID-forms)

### 3. Environment - a few important rules

To provide a rich production-like experience, you will be provided with a base server node (referred to as “node-1” throughout) and few or many other nodes, some local (containers of varying limitation) and some remote. Several very important rules apply.

1. You can `ssh <other_node>` from the `student`` or `root`` accounts on `node-1`` at any time and simply log out from `<other_node>` to return to the base node. Clear instructions are provided in each relevant item. Where they are not, you should perform the task on `node-1``.
2. Things you must **never do** on `node-1``:
  - Reboot. Never reboot `node-1``. If you do, you can expect a 10-15 minute wait for all exam-supporting infrastructure and services to come online correctly. All nodes other than `node-1``, however, can be rebooted at any time.
  - Change the firewall configuration or network configuration. All network items, or other items that require isolation from base exam services will run in an isolated environment on some node other than `node-1``. You are free to manipulate services as needed on these isolated nodes. Do not ever modify the firewall configuration (`iptables.*``, `ufw``, `firewalld``, etc.) on `node-1``, or manipulate other core services on `node-1`` (`lxd.*``, `lxc.*``, `dnsmasq``, routing, resolver configuration, etc.) unless explicitly told to do so.
  - Tamper with `sshd`` or its configuration. Any `sshd``-related item(s) will be directed to a node

other than `node-1``.

- Modify `/etc/suoders`` or `/etc/suoders.d/*`` on the base node. You'll be directed to an appropriate node for any `sudo`` configuration-related item.

### 4. Use man pages - they are your friend!

Linux already has a ton of great help and tips integrated directly into the kernel. Feel free to use embedded tools such as `man`, `info`, and `help`. In addition, the following tips and instructions are shown at the beginning of your exam and can be accessed at anytime during the exam by typing “`man lf_exam`” on the command line.

1. Root privileges can be obtained by running `'sudo -i'`.
2. You should avoid rebooting node-1, as the supporting infrastructure will take around 15 minutes to start, and stabilize. You are free to reboot any node other than node-1 at any time.
3. Do not stop or tamper with the gateone or sshd configuration and process on node-1 as this will END YOUR EXAM SESSION.
4. Do not block incoming ports 8080/tcp, 4505/tcp and 4506/tcp. This includes firewall rules that are found within the distribution's default firewall configuration files as well as interactive firewall commands.
5. Use `Ctrl+Alt+W` instead of `Ctrl+W`.
  - `Ctrl+W` is a keyboard shortcut that will close the current tab in Google Chrome.
6. `Ctrl+C` and `Ctrl+V` are not supported in your exam terminal, nor is copy and pasting large amounts of text. To copy and paste limited amounts of text (1-2 lines) please use;

- For Linux: select text for copy and middle button for paste (or both left and right simultaneously if you have no middle button).
  - For Mac: ⌘+C to copy and ⌘+V to paste.
  - For Windows: Ctrl+Insert to copy and Shift+Insert to paste.
7. Installation of services and applications included in this exam may require modification of system security policies to successfully complete.
  8. Only a single terminal console is available during the exam. Terminal multiplexers such as GNU Screen and tmux can be used to create virtual consoles.
  9. To change the font size in the terminal please use the native Chrome keys: Ctrl and '+' or Ctrl and '-'.
  10. You should avoid changing the locale of the system during your exam.
  11. You should not manipulate the firewall of node-1, or tamper with any of the running lxd or dnsmasq processes.

## 5. Remember the exam rules

Before you take the exam, please use the links below to familiarize yourself with the exam rules as they relate to:

- Testing location requirements and candidate conduct: [training.linuxfoundation.org/certification/certification-information-and-faq#exam-rules](https://training.linuxfoundation.org/certification/certification-information-and-faq#exam-rules)
- Resources allowed: [training.linuxfoundation.org/about/faqs/certification-faq/#resources-allowed](https://training.linuxfoundation.org/about/faqs/certification-faq/#resources-allowed)

## 6. Scheduling and taking your exam

The handoff between our systems can make it a little tricky to schedule and take your exam. Here's a quick step-by-step guide on how to do it.

### Scheduling the exam

- If you're not already logged in, sign into your My Portal account using your LFID.
- Once you're in My Portal, click the "Schedule Exam" link on your interactive checklist.
- You will be taken to a page with a search box. Look for a list of exams to be displayed directly above the search box (It can take up to 30 seconds to show); this is the list of exams for which you have eligibility to schedule and you can click on the specific exam that you intend to schedule. If the list takes too long to appear, you can also type the exam code for the exam you would like to schedule in the search box (e.g. "LFCS")
- Please be aware that the scheduling software keys off the timezone on the computer being used to schedule the exam. Please be mindful of this If you intend to sit the exam in a different time zone, or if you will be using a different computer.

### Taking the exam

- If you're not already logged in, sign into your My Portal account using your LFID.
- Once you're in My Portal, click the "Take Exam" link on your interactive checklist.
- Choose the "My Exams" tab near the top of the page. Select your exam and follow the steps as prompted.