



TERM 1

ASSESSABLE ACTIVITY

Web applica
CFGs DAM

Important: this activity is assessable and computes for the final grade.

Tania Antón
tania.anton@ceedcv.es
2021/2022

Licencia



Reconocimiento – NoComercial – Compartir Igual (by-nc-sa): No se permite un uso comercial de la obra original ni de las posibles obras derivadas, la distribución de las cuales se debe hacer con una licencia igual a la que regula la obra original.

1. ACTIVITY

You must install and configure a new Linux system called dawserver that will work as a Web Server. You can use either Apache or Nginx and can also use Webmin if you wish. Server must meet these features:

1. New Linux virtual machine with a 25GB hard drive (dynamically allocated), hostname dawserver, user admin20, password #Daw2020 and Webmin installed. [0.5 points]
2. DNS server configured to manage a domain with same name as your mail plus “.org” (for example, pauminyana.org, use the mail name included in moodle, exclude punctuation marks or symbols); from now we will call it "mailname". Add also subdomains server.mailname.org (dawserver machine) and client.mailname.org (client machine). Use as client the Linux client used in previous activities or your physical machine to test that the DNS server works properly. [1 point]
3. FTP server configured to allow connections using the server's user and password configured this way. [1,5 points]
 - a. User must be jailed in his own user directory, can't access further information.
 - b. User won't have write permissions.
4. Web server with the default virtual host server.mailname.org configured this way: [2.5 points]
 - a. The following folder structure. Remember to change “mailname” to the designed name.
 - i. .../mailname/mailname.html
 - ii. .../mailname/mailnameerror.html
 - iii. .../mailname/public/mailnamepublic.html
 - iv. .../mailname/private/mailnameprivate.html
 - b. The root directory will be “.../mailname/”
 - c. Folder contents will NOT be indexed (shown) by default.
 - d. A request to server. Mailname.org will load mailname.html.
 - e. In case of error the web server will load mailnameerror.html.

- f. Folder contents in /public/ will be indexed (shown).
 - g. server.mailname.org/private/ will only be accessed by the client IP (linux or main machine, it doesn't matter) and user yoursurname (for example, minyana) using HTTP Basic authentication
5. Add a second virtual host daw.mailname.org that will only be accessed by user daw using HTTP Digest authentication. It will only contain a web page called index.html [1 point]
6. A third virtual host ssl.mailname.org configured to work with HTTPS connections only, with a self-signed certification. It will only contain a web page called index.html [1 point]

IMPORTANT: Keep the virtual machine, it can be asked for double check.

To complete the task, you must write a "How to..." file explaining what you've done. This will not count as an English Task, but it's important to take care about the vocabulary, use of language... Include all the screenshots you need to complete the guide, please, use crop tools to include only the relevant information on each screenshot (only the main tab).

To get the final grade for this activity you only must upload the "How to" document in PDF format to Aules.