

Lab Assignment 6

(Keeping the network configuration of the machines in the previous lab assignment: **fso23** and **klone**)

- 1 Create rsa keys for user001 user002 and user003 in **klone**. user003 should protect his/her with a passphrase.
- 2 Enable user001, user002 and user003 to login into **fso23** from **klone** without being asked for a password, although user003 might have to supply the key's passphrase
- 3 Arrange for user001, user002 and user003 in **klone** to log directly into the container of **fso23** as user *hideous* without being asked for a password, although user003 might have to supply the key's passphrase. Can user001, user002 and user003 from **fso23** log into the container as user *hideous* without being asked for a password?

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- 4 Make user004, user005 and user006 use a two step authentication when accessing the machine through the graphic login screen in **fso23**
- 5 Arrange for the authentication logs of machine **klone** to be sent simultaneously to the container in **fso23**, and to **fso23** itself. Arrange for those logs to be sent also to `/dev/tty3` in **klone**. Check that it works
- 6 Use the suggestions made by the *lynis* program to harden the ssh server at machine **fso23**. Allow only user001, user002, user003, user004, user005 and user006 to login using ssh

Lab Assignment 6: Work submission

- After performing the corresponding tasks of the lab assignment, a pdf document, describing what has been done (including screenshots showing the behaviour of the virtual machine, changes made to configuraton files, output from commands...) should be sent to
 - `antonio.yanez@udc.es`. (students at udc)
 - `yolanda@det.uvigo.es`. (students at uvigo)
- The subject of the mail should be *FSO: practica-6*
- The attachment should be named with the lab assignment number and the surname and name of the student, in the form `P5-Surname-Name.pdf`, avoiding non-ascii caracteres (á, é, ñ ...)
 - Example: work submitted by student *Donald Trump Núñez* should come as an attached file named `P5-TrumpNunez-Donald.pdf`