

Unix System Administration Workshop Exam

AfNOG 2009

Cairo, Egypt

1.) When you are asked for your “passphrase” in SSH if you connect to a remote machine where you have placed your account's public key, what file is the passphrase protecting:

Public Key []
Private Key []

2.) What does an MX record do in DNS?

3.) In FreeBSD if your first disk drive is device “ad0” - and you see the following defined in your /dev directory”

ad0s1 ad0s1a ad0s1b ad0s1c ad0s1d ad0s1e ad0s1f ad0s1g

What are? (check one per line):

/dev/ad0s1	SLICE []	PARTITION	[]
/dev/ad0s1e	SLICE []	PARTITION	[]
/dev/ad0s1g	SLICE []	PARTITION	[]

4.) If you use using RAID level 1 (Mirror) is this enough to ensure the safety of your data? If not, what else should you do?

5.) Can you generate a digital certificate locally? Does your certificate need to be signed by a Certificate Authority to allow secure connections to your web server?

Bonus: Would you expect to see SMTP running as part of an MTA or an MUA? What does MTA and MUA mean?