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HERE

[Introduction to Linux II – Chapter 19 Exam Answers 2019 + PDF file](#)

1. Which file is used to configure SSH clients?
 - `/etc/ssh_config`
 - `/etc/ssh/sshd_config`
 - **`/etc/ssh/ssh_config`**
 - `/etc/sshd_config`
2. The system has a `/etc/ssh/ssh_config` file and the user Mike also has a `~/.ssh/config` in his home directory. Which file will be used when Mike connects to a server via SSH?
 - `~/etc/.ssh/config`
 - **`~/.ssh/config`**
 - Both files will be used
 - `/etc/ssh/ssh_config`
3. What does the entry `AllowGroups dba netusers` in the `/etc/ssh/sshd_config` indicate?
 - Users with usernames `dba` and `netusers` will be allowed access
 - Users who are not part of the `dba` and `netusers` groups will be allowed access
 - **Users who are part of the `dba` and `netusers` groups will be allowed access**
 - Users who are part of the `dba` and `netusers` groups will not be allowed access
4. Which of the following is not an authentication method supported by SSH?
 - **Signature Authentication**
 - Password Authentication
 - Public Key Authentication
 - Host Based Authentication
5. Which command is used to add private keys to the SSH agent's repository?
 - `ssh-agentadd`
 - `sshadd`
 - **`ssh-add`**
 - `ssh-addkey`
6. The `ssh-add` utility can be used to add only RSA keys.
True or False?
 - True
 - **False**
7. SSH Tunneling is the same as _____.

- SSH Encryption
 - **SSH Port Forwarding**
 - SSH Encoding
 - SSH Porting
8. Which of the following commands are used to setup SSH tunneling?
- ssh -l
 - ssh -t
 - ssh -p
 - **ssh -L**
9. Which command is used to generate a GnuPG key?
- **gpg --gen-key**
 - gpg -gen-key
 - gpggen --key
 - gpg-gen --key
10. Question 10The SSH and GnuPG keys can be protected by an optional passphrase.
True or False?
- **True**
 - False
11. Which file on the server holds the public keys of the hosts that need to be authenticated?
- */etc/ssh/ssh_hosts*
 - */etc/ssh/ssh_hosts_known*
 - *~/ssh/ssh_known_hosts*
 - ***/etc/ssh/ssh_known_hosts***
12. Which of the following utility programs are not provided by OpenSSH?
- slogin
 - ssh
 - scp
 - **smv**
13. What is the function of the ssh-agent?
- Cache the decrypted public key and provide it to client programs
 - Decrypt the private key and provide it to client programs
 - **Cache the decrypted private key and provide it to client programs**
 - Generate the signature using the private key
14. Which of the following commands will start a SSH session with X11 support?
- ssh -L marks.gsource.com

- **ssh -X marks.gsource.com**
 - ssh -l marks.gsource.com
 - ssh -x marks.gsource.com
15. Which of the following is not a function provided by GnuPG?
- Accessing public keys
 - **Providing encrypted channel for communication**
 - Encryption
 - Digital signature
16. Which command is used to verify the signature of a package?
- **gpg --verify pkg.sig**
 - gpg verify pkg.sig
 - gpg -V pkg.sig
 - gpg -v pkg.sig
17. The size of a DSA key is:
- **Exactly 1024 bits**
 - Exactly 2048 bits
 - Exactly 768 bits
 - Exactly 1000 bits
18. Which of the following entries in `/etc/ssh/sshd_config` turn on host based authentication?
- *HostbasedAuthentication enable*
 - *HostbasedAuthentication: yes*
 - *Hostbased_Authentication yes*
 - ***HostbasedAuthentication yes***
19. The ssh-add program ran for user *will*, but his RSA identity files were not added, what could be the reason for this?
- The file `/home/will/.ssh/id_rsa` had read and write permissions only for Will
 - The file `/home/will/.ssh/id_rsa` had read permissions for no other user except Will
 - The file `/home/will/.ssh/id_rsa` has read permissions only for Will
 - **The file `/home/will/.ssh/id_rsa` has read permissions for users other than Will**
20. Which standard is GnuPG based on?
- Unix Good Privacy (UGP)
 - SSH Good Privacy (SGP)
 - **Pretty Good Privacy (PGP)**
 - Linux Good Privacy (LGP)
21. What is the limitation of telnet from the security perspective?

- Does not provide the algorithm to decrypt the usernames and passwords
 - Adds digital signatures to authentication data
 - **Sends all data including usernames and passwords in clear text**
 - Does not compress the data
22. What does the `~/.ssh/id_rsa` file contain?
- RSA public signature of the user
 - **RSA private key of the user**
 - RSA private signature of the user
 - RSA public key of the user
23. The `gpg` command operates in a _____ mode.
- verbose
 - batch
 - **interactive**
 - silent
24. Which of the following algorithms are not supported by GnuPG for key generation?
- DSA
 - RSA
 - Elgamal
 - **One-way Hash**
25. The SSH utility is provided by the OpenSSH package.
True or False?
- **True**
 - False
26. Which of the following entries in `/etc/ssh/sshd_config` turn on SSH tunneling?
- *AllowTcpPortForwarding yes*
 - *AllowPortForwarding yes*
 - ***AllowTcpForwarding yes***
 - *AllowTCPIPForwarding yes*
27. Which is the default configuration file used by GnuPG?
- *~/gnupg/gpg.conf*
 - *~/.gnupg/.gpg.conf*
 - ***~/.gnupg/gpg.conf***
 - *~/.gnu/gpg.conf*
28. The _____ command is used to generate SSH keys.
- `sshkey-gen`
 - `ssh-genkey`

- **ssh-keygen**
- sshgen-key