

Questionnaire on FreeRADIUS lab

1. What is the meaning of AAA?
 - ☐ Authorization-Application-Accounting
 - ☐ Authorization-Authentication-Accounting
 - ☒ Authentication-Authorization-Accounting
 - ☐ Authorization-Authentication-Application
2. What is RADIUS?
 - ☐ an open-source software
 - ☐ a router with connected devices
 - ☒ a protocol you can use in a network for AAA
 - ☐ a mix between software and hardware you use for AAA in a network
3. Which port does RADIUS use?
 - ☐ UDP port 1812 for accounting, UDP port 1813 for authorization and authentication
 - ☐ UDP port 1812 for application, UDP port 1813 for authorization and accounting
 - ☒ UDP port 1812 for authorization and authentication, UDP port 1813 for accounting
 - ☐ UDP port 1812/1813 for outgoing message, UDP port 0-1024 for incoming ones
4. In which ISO/OSI level RADIUS is working?
 - ☐ Transport layer
 - ☐ Network layer
 - ☐ Data Link layer
 - ☒ Application layer
5. Do you need a shared secret in RADIUS?
 - ☐ Yes, but only in debug mode
 - ☒ Yes always
 - ☐ No, you can use only if you want greater security
 - ☐ No, you use only when you set up traffic encryption
6. Which of the following packets does RADIUS use?
 - ☒ Access-Accept, Access-Request, Accounting-Request, Access-Reject
 - ☐ Access-Accept, Access-Request, Accounting-Request, Access-Start
 - ☐ Access-Accept, Access-Reject, Accounting-Request, Accounting-Reject
 - ☐ Access-Reject, Access-Accept, Accounting-Start, Access-Stop

7. Where do you could store the user credentials?

- ☐ users file in RADIUS or Database, with only encrypted password
- ☐ only in Database, only encrypted password
- ☐ only in users file in radius, with cleartext or encrypted password
- ☒ users file in RADIUS or Database, with encrypted or cleartext password

8. Why RADIUS does support accounting function?

- ☐ to register in detail the users' traffic
- ☒ to register some data of the users, as data sent and received
- ☐ because users initialize it
- ☐ because you need together with NetFlow

9. Limiting a user session is part of:

- ☐ authorization phase
- ☐ authentication phase
- ☐ authentication and accounting phase
- ☒ accounting phase

10. Which IP address does RADIUS use?

- ☐ only 127.0.0.1 (loopback interface)
- ☐ the IP of the machine where is installed
- ☐ only public IP
- ☒ 127.0.0.1 in debug mode and the IP of the machine in normal mode

11. EAP (Extensible Authentication Protocol) needs:

- ☐ authenticator and backend authentication server
- ☐ supplicant and backend authentication server
- ☒ supplicant, authenticator and backend authentication server
- ☐ it depends on the configuration

12. Using EAP, should I see Access-Challenge packet?

- ☒ yes, always
- ☐ no, it depends on the encryption
- ☐ no, only if I need certificate
- ☐ never