1. QUAGGA ROUTING
2. Site to Site VPN
   1. Strongswan Package
   2. Racoon Package (x)
3. DNS

3\_1. Root\_DNS

3\_2. Slave

3\_3. Forward

3\_4. DDNS

1. CA

4\_1. Sub\_CA.

4\_2. CDP

1. APACHE2

5\_1. APACHE2 DB Authentication

5\_2. APACHE2 LDAP Authentication

5\_3. APACHE2 Kerberos Authentication

5\_4. APACHE2 PAM Authentication

5\_5. APACHE2 FREE RADIUS Authentication

5\_6. APACHE2 Basic Authentication (htaccess)

5\_7. UserDir

5\_8. Rewrite Module

5\_9. Redirect

1. FTP

6\_1. Pure FTP (Cert)

6\_2. ProFTP (Cert)

6\_3. VsFTP (Cert)

6\_4. Ftps protocol

1. Squid Proxy

7\_1. Time acl (ex. 근무시간 문제)

7\_2. Dstaddr acl

7\_2. DB, Basic, LDAP, Kerberos, PAM Authentication

7\_3. Squid redirect

1. NTP
2. MAIL

9\_2. Postfix (relay + cert-smtps)

9\_3. Sendmail (relay + certs-smtps)

9\_4. Postfix + Dovecot (pop3d, imaps) or Sendmail + Dovecot (pop3d, imaps)

9\_5. Roundcube, Squirrelmail (webmail)

9\_6. Saslauthd

1. Syslog-ng

10\_1. Icmp packet logging (2016 지방 1과제)

10\_2. LogAnalyzer

1. SSH

11\_1. SSH + OTP Auth (2017 전국 인천출제 1과제 中)

~~11\_2. Kerberos Authentication~~

1. Disk

12\_1. ISCSI

12\_2. LVM

12\_3. MDADM (Software RAID)

12\_4. zfs

1. DB

13\_1. MariaDB(CREATE DATABASE, CREATE TABLES, INSERT VALUES TO TABLE)

13\_2. Linux System Account Auth

1. VPN

14\_1. PPTP + Radius Authentication

14\_2. IPSec VPN (Strongswan ike)

14\_3. Openvpn + cert

1. SAMBA

15\_1. Samba trust

1. Security

16\_1. IPTABLES

16\_1\_1. NAT, Port Forwarding

1. Radius

17\_1. FREE RADIUS

17\_2. Radius Accounting

1. NIS DOMAIN

18\_1.

18\_2.

18\_3.

1. NFS