

Modul Instalasi Zimbra Server CentOS 7



A. Persiapan

Berikut yang harus disiapkan, diantaranya

- Server / VPS / VM
- IP Public – Nat IP Publik ke IP Local untuk Port nya
- CentOS 7 - Download
- Zimbra 8.8.9
- Domain

B. Pra Instalasi Zimbra Mail Server

1. Ubah repository CentOS

```
cd /etc/yum.repos.d/  
rm *  
vi CentOS-Base.repo
```

2. Isikan repo sebagai berikut

```
[base]  
name=CentOS-$releasever - Base  
baseurl=https://vault.centos.org/7.9.2009/os/$basearch/  
gpgcheck=1  
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7  
enabled=1
```

```
[updates]  
name=CentOS-$releasever - Updates  
baseurl=https://vault.centos.org/7.9.2009/updates/$basearch/  
gpgcheck=1  
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7  
enabled=1
```

```
[extras]  
name=CentOS-$releasever - Extras  
baseurl=https://vault.centos.org/7.9.2009/extras/$basearch/  
gpgcheck=1  
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7  
enabled=1
```

```
[centosplus]  
name=CentOS-$releasever - Plus  
baseurl=https://vault.centos.org/7.9.2009/centosplus/$basearch/  
gpgcheck=1  
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7  
enabled=0
```

3. Tekan tombol Esc kemudian ketik :w untuk menyimpan dan ketik :quit untuk keluar dari vi editor
4. Instalasi paket yang dibutuhkan
yum install nano wget bind bind-utils telnet perl firewallld -y
5. Atur TimeZone CentOS
timedatectl set-timezone Asia/Jakarta
6. Atur hostname CentOS
hostnamectl set-hostname mail.japer.local
7. Stop dan Disable Postfix
systemctl stop postfix
systemctl disable postfix
8. Setting IP Static CentOS
cp /etc/sysconfig/network-scripts/ifcfg-ens18 /etc/sysconfig/network-scripts/ifcfg-ens18.bak
nano /etc/sysconfig/network-scripts/ifcfg-ens18
9. Restart NetworkManager
systemctl restart NetworkManager
10. Ubah Hosts CentOS
nano /etc/hosts
11. Masukkan IP Address CentOS
192.168.209.179 mail.japer.local mail
12. Ubah Konfigurasi resolv.conf
nano /etc/resolv.conf
13. Tambahkan baris berikut di paling atas
nameserver 192.168.209.179
14. Membuat DNS Server Local dengan membuat zone di dns server bind
nano /etc/named.conf

15. Ubah baris sebagai berikut

<pre>options { listen-on port 53 { 127.0.0.1; }; listen-on-v6 port 53 { ::1; }; directory "/var/named"; dump-file "/var/named/data/cache_dump.db"; statistics-file "/var/named/data/named_stats.txt"; memstatistics-file "/var/named/data/named_mem_stats.txt"; allow-query { localhost; }; }</pre>	<pre>options { listen-on port 53 { any; }; listen-on-v6 port 53 { ::1; }; directory "/var/named"; dump-file "/var/named/data/cache_dump.db"; statistics-file "/var/named/data/named_stats.txt"; memstatistics-file "/var/named/data/named_mem_stats.txt"; allow-query { any; }; }</pre>
--	--

16. Tambahkan baris berikut setelah session-keyfile “/run/named/session.key”;

```
forwarders {
    8.8.8.8;
    8.8.4.4;
};
```

17. Tambahkan baris berikut di paling bawah

```
zone "japer.local" {
    type master;
    file "/var/named/japer.local.hosts";
};
```

18. Buat file japer.local.hosts

```
nano /var/named/japer.local.hosts
```

19. Isikan dengan baris dibawah (sesuaikan nama Domain dan IP Address nya)

```
$ttl 38400
japer.local.    IN    SOA    mail.japer.local. admin.japer.local. (
                    1520401032
                    10800
                    3600
                    604800
                    38400 )
japer.local.    IN    NS     mail.japer.local.
mail.japer.local. IN    A     192.168.209.179
japer.local.    IN    MX     10 mail
```

20. Restart DNS Server bind

```
systemctl restart named
```

21. Check lookup dengan perintah
nslookup mail.japer.local

22. Bila respon seperti dibawah, konfigurasi sudah benar

```
[root@japer etc]# nslookup mail.japer.local
```

```
Server:      192.168.209.179
```

```
Address:     192.168.209.179#53
```

```
Name:  mail.japer.local
```

```
Address: 192.168.209.179
```

C. Instalasi Zimbra Mail Server

1. Download paket Zimbra mail server
`cd /opt/`
`wget https://files.zimbra.com/downloads/10.1.0_GA/zcs-NETWORK-10.1.0_GA_4633.RHEL7_64.20240610085557.tgz`
2. Ekstrak paket Zimbra yang sudah di download
`tar -zxvf zcs-NETWORK-10.1.0_GA_4633.RHEL7_64.20240610085557.tgz`
`cd zcs-NETWORK-10.1.0_GA_4633.RHEL7_64.20240610085557.tgz`

3. Install Zimbra Mail Server
`./install.sh`

4. Ikuti Langkah – Langkah konfirmasi sebagai berikut
Do you agree with the terms of the software license agreement? [N] y

Use Zimbra's package repository [Y] y

Select the packages to install

Install zimbra-ldap [Y] y

Install zimbra-logger [Y] y

Install zimbra-mta [Y]

Install zimbra-dnscache [Y] n

Install zimbra-snmp [Y] y

Install zimbra-store [Y] y

Install zimbra-apache [Y] y

Install zimbra-spell [Y] y

Install zimbra-memcached [Y] y

Install zimbra-proxy [Y] y

Install zimbra-drive [Y] y

Install zimbra-imapd (BETA - for evaluation only) [N] n

Install zimbra-chat [Y] y

The system will be modified. Continue? [N] y

DNS ERROR resolving MX for mail.japer.local

It is suggested that the domain name have an MX record configured in DNS

Change domain name? [Yes] y

Create domain: [mail.japer.local] japer.local

5. Ubah password admin Zimbra, ketik 6 untuk masuk ke Zimbra Store kemudian enter
Address unconfigured (**) items (? - help) 6
6. Ketik 4 untuk mengubah admin password
Select, or 'r' for previous menu [r] 4

7. Masukkan password admin yang baru
Password for admin@japer.local (min 6 characters): [fdpHYcuGf] japerzimbra321
8. Ketik r kemudian enter untuk Kembali ke main menu
Select, or 'r' for previous menu [r] r
9. Ikuti sesuai petunjuk dibawah
*** CONFIGURATION COMPLETE - press 'a' to apply
Select from menu, or press 'a' to apply config (? - help) a
Save configuration data to a file? [Yes] y
Save config in file: [/opt/zimbra/config.14414] tekan enter
Saving config in /opt/zimbra/config.14414...done.
The system will be modified - continue? [No] y
10. Ketik n kemudian enter
Notify Zimbra of your installation? [Yes] n
11. Tekan enter
Moving /tmp/zmsetup.20180717-222745.log to /opt/zimbra/log
Configuration complete - press return to exit
12. Jalankan firewalld
systemctl start firewalld
13. Masukkan perintah berikut untuk membuka port akses Zimbra, copy + paste kemudian enter
firewall-cmd --permanent --zone=public --add-port=25/tcp
firewall-cmd --permanent --zone=public --add-port=80/tcp
firewall-cmd --permanent --zone=public --add-port=110/tcp
firewall-cmd --permanent --zone=public --add-port=143/tcp
firewall-cmd --permanent --zone=public --add-port=443/tcp
firewall-cmd --permanent --zone=public --add-port=465/tcp
firewall-cmd --permanent --zone=public --add-port=587/tcp
firewall-cmd --permanent --zone=public --add-port=993/tcp
firewall-cmd --permanent --zone=public --add-port=995/tcp
firewall-cmd --permanent --zone=public --add-port=3443/tcp
firewall-cmd --permanent --zone=public --add-port=5222/tcp
firewall-cmd --permanent --zone=public --add-port=5223/tcp
firewall-cmd --permanent --zone=public --add-port=9071/tcp
firewall-cmd --permanent --zone=public --add-port=8443/tcp
firewall-cmd --permanent --zone=public --add-port=7071/tcp
firewall-cmd --permanent --zone=public --add-port=53/tcp
firewall-cmd --permanent --zone=public --add-port=53/udp
firewall-cmd --reload

14. Untuk mengakses Zimbra Admin via Browser ketikkan alamat ip dibawah
<https://192.168.209.179:7071/zimbraAdmin/>
15. Dan akses Zimbra mail dengan alamat ip dibawah
<https://192.168.209.179/>