

توضیحات کلی در اینجا از 3 تا ماشین مجازی استفاده میکنیم با ورژن 20.0.4 اوبونتو

1) Install Next Cloud

1-1) Aftre unzip nextcloud.tar.archieve

1-2) vim /etc/apache2/sites-available/nextcloud.conf

<VirtualHost \*:80>

DocumentRoot /var/www/nextcloud/

ServerName your.server.com

<Directory /var/www/nextcloud/>

Require all granted

AllowOverride All

Options FollowSymLinks MultiViews

<IfModule mod\_dav.c>

Dav off

</IfModule>

</Directory>

</VirtualHost>

1-3) a2ensite nextcloud.conf

1-4)

a2enmod rewrite

a2enmod headers

a2enmod env

a2enmod dir

a2enmod mime

1-5) systemctl restart apache2

1-6) <http://192.168.1.158/nextcloud>

1-7) On Mysql Server run These Code:

mysql -u root -p

create database nextcloud;

create user nextcloud@192.168.1.158 identified with mysql\_native\_password by 123;

grant all on nextcloud.\* to nextcloud@192.168.1.158;

flush privileges;

1-8) Database Username: nextcloud

Database Password: 123

Database Name: nextcloud

IP Server: 192.168.1.120

2) Install Redmine

2-1) copy All Command <https://www.redmine.org/projects/redmine/wiki/howto_install_redmine_on_ubuntu_step_by_step>

3) Config Nginx

3-1) apt install nginx

3-2) vim /etc/nginx/site-avaliable/web1

server {

listen 192.168.1.120:8080;

server\_name web1.hasan.ir;

root /var/www/web1/;

index index.html index.htm;

# location / {

# proxy\_pass [http://backend](http://backend/);

# }

}

3-3) cd /etc/nginx/site-enable

ln -s /etc/nginx/site-avaliable/web1

3-4) vim /var/www/web1/index.html

- This Is Web1 Nginx

3-4) systemctl restart nginx

4) Install Mysql

4-1) apt install mysql-server-8.0

5) config Slave Dns

5-1) apt install bind9

5-2) vim /etc/bind/named.conf.default-zones

zone "hasan.ir" {

type slave;

masters { 192.168.1.150; };

file "/etc/bind/hasan.ir";

};

6) Install Apache2

6-1) apt install apache2

6-2) vim /etc/apache2/site-avalilable/web1.conf

<VirtualHost \*:8080>

ServerName web1.hasan.ir

DocumentRoot /var/www/web1

ErrorLog ${APACHE\_LOG\_DIR}/error.log

CustomLog ${APACHE\_LOG\_DIR}/access.log combined

</VirtualHost>

6-3) vim /var/www/web1/index.html

- This Is Web1 Apache2

6-4) vim /etc/apache2/ports.conf

- Listen 8080

6-5) en2site /etc/apache2/site-available/web1.conf

7) Install Dns Server

7-1) apt install bind9

7-2) vim /etc/ bind/named.conf.default-zones

zone "hasan.ir" {

type master;

file "/etc/bind/hasan.ir";

allow-transfer { 192.168.1.120; };

};

7-3) vim /etc/bind/hasan.ir

;

; BIND data file for local loopback interface

;

$TTL 604800

@ IN SOA hasan.ir. root.hasan.ir. (

6 ; Serial

604800 ; Refresh

86400 ; Retry

2419200 ; Expire

604800 ) ; Negative Cache TTL

;

@ IN NS ns.hasan.ir.

ns IN A 192.168.1.150

@ IN MX 1 mail

mail IN A 192.168.1.150

www IN A 192.168.1.150

@ IN NS ns1.hasan.ir.

ns1 IN A 192.168.1.120

boy IN A 192.168.1.150

share IN A 192.168.1.150

boy IN A 192.168.1.150

seprate IN A 192.168.1.150

nextcloud IN A 192.168.1.158

8) config Ha Proxy

8-1) apt install HAproxy

8-2) vim /etc/haproxy/haproxy.cfg

frontend http

bind \*:80

mode http

stats uri /haproxy?stats

acl allowed\_ipv4 src 192.168.1.0/24

acl apache\_acl hdr(host) -i share.hasan.ir

acl nginx\_acl hdr(host) -i seprate.hasan.ir

acl both\_acl hdr(host) -i boy.hasan.ir

use\_backend both\_server if both\_acl

use\_backend apache\_back if apache\_acl

use\_backend nginx\_back if nginx\_acl

backend apache\_back

balance roundrobin

server web-apache 192.168.1.150:8080

backend nginx\_back

balance roundrobin

server web-nginx 192.168.1.120:8080

backend both\_server

balance roundrobin

server web-1 192.168.1.150:8080

server web-2 192.168.1.120:8080

Remember UFW Allow all Ports That You Need

BYE