KVM - Wok / Kimchi HTML5 Web Manager

: https://github.com/kimchi-project/kimchi

Kimchi   KVM   HTML5   .   KVM
                              . Kimchi   Wok   . Kimchi   libvirt
KVM   .   HTML5
            .

(On CentOS 7)

CentOS 7

NetworkManager

        NAT   NetworkManager
    NetworkManager   .

```
# systemctl disable NetworkManager
```

firewalld

                                                        .

```
# systemctl disable firewalld
```

selinux

                                                        .

```
# This file controls the state of SELinux on the system.
# SELINUX= can take one of these three values:
#     enforcing - SELinux security policy is enforced.
#     permissive - SELinux prints warnings instead of enforcing.
#     disabled - No SELinux policy is loaded.
SELINUX=disabled # <------ Disabled
# SELINUXTYPE= can take one of three two values:
#     targeted - Targeted processes are protected,
#     minimum - Modification of targeted policy. Only selected processes are
protected.
#     mls - Multi Level Security protection.
```

```
SELINUXTYPE=targeted
```

EPEL

EPEL   .

```
# yum -y install
https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm
```

                    (   )

                                              .

```
# yum -y update

# reboot
```

                          .

Wok / Kimchi

https://github.com/kimchi-project/kimchi

                                                      .

```
# yum install
https://github.com/kimchi-project/kimchi/releases/download/2.5.0/wok-2.5.0-0
.el7.centos.noarch.rpm
# yum install
https://github.com/kimchi-project/kimchi/releases/download/2.5.0/kimchi-2.5.
0-0.el7.centos.noarch.rpm
```

```
# systemctl enable wokd
# systemctl start wokd
```

                          https://hostname_or_ip:8001/
            .

OS   .

Wok

192.168.0.31   Wok   **Virtualization**

게스트   템플릿   스토리지   네트워크

⊕ Add Network

네트워...

⏻ br-ex

⏻ defaul

네트워크 작성

네트워크 이름

ⓘ 이름에는 '/' 및 ""를 포함하지 않아야 합니다.

네트워크 유형   격리됨: 외부 네트워크 연결 없음   ⌄

격리됨: 외부 네트워크 연결 없음
NAT: 아웃바운드 물리적 네트워크 연결만
Macvtap: Virtual machines are connected to physical network directly
Passthrough: Virtual machines are connected using a macvtap connection in passthrough mode.
VEPA: special mode where virtual machines are connected to a VEPA-enabled switch
Bridged: Virtual machines are connected through a network bridge

작성   취소

Wok Version: 2.5.0-0

KVM

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Wok

192.168.0.31   Wok   **Virtualization**
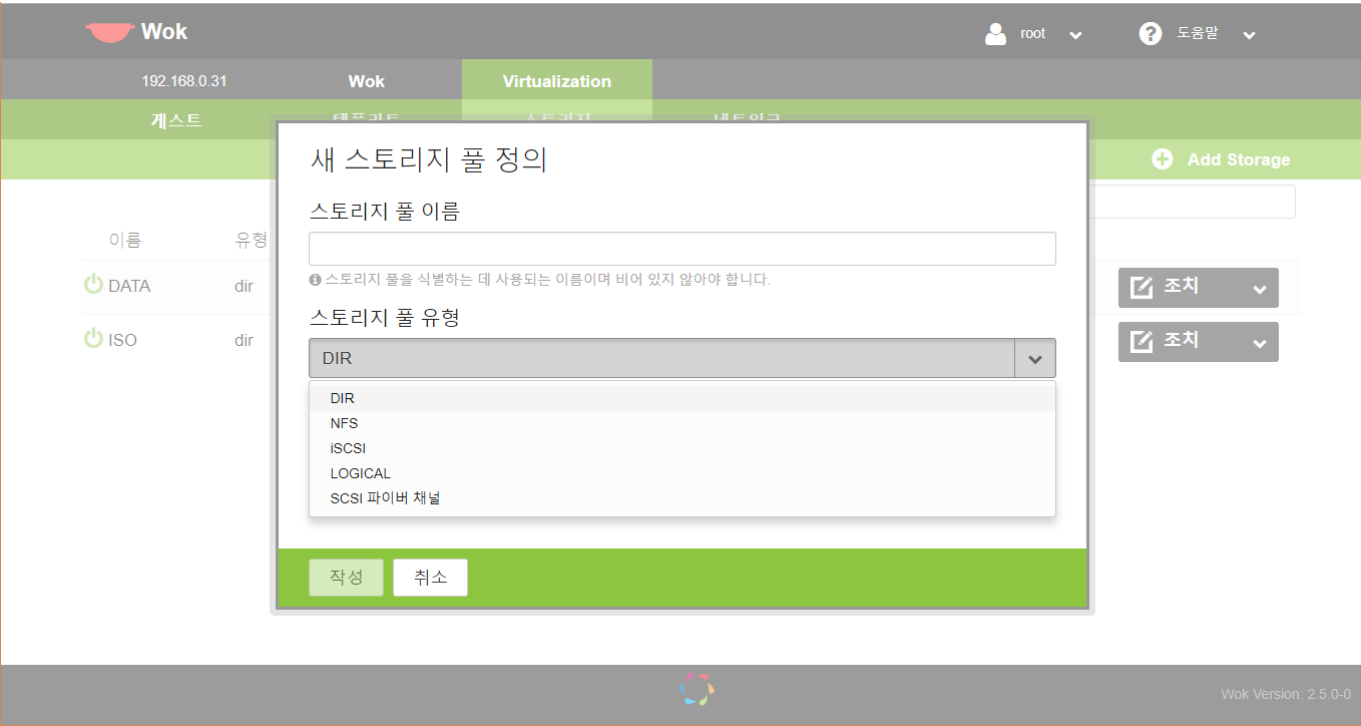
게스트   템플릿   스토리지   네트워크

⊕ **Add Network**

Filter

네트워크 이름	네트워크 유형	인터페이스	Address Space
⏻ br-ex	bridge	kbenp0s31f6	192.168.0.0/24
⏻ default	nat	virbr0	192.168.122.0/24

☑ 조치 ⌃
⊘ Stop
✎ 편집
⊖ 삭제
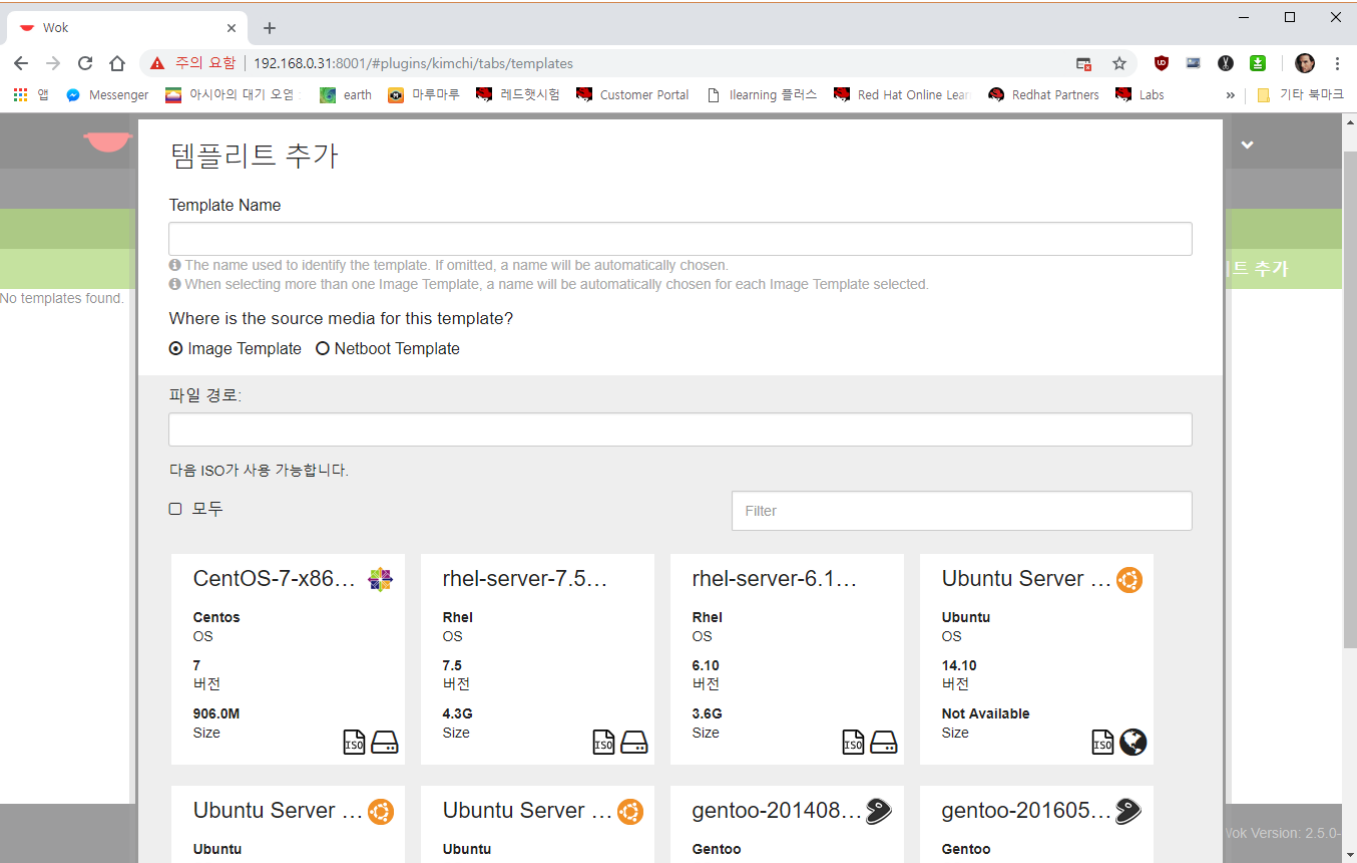
Start, Stop   .

VM   .

5   .

VM   .
                                              ISO   .

default

default　default

default

.

Session timeout

wok   10

.   /etc/wok/wok.conf
session_timeout   .

```
[server]
# Start an SSL-enabled server on the given port
#proxy_port = 8001

# Cherrypy server port
#cherrypy_port = 8010

# Port for websocket proxy to listen on
#websockets_port = 64667

# Number of minutes that a session can remain idle before the server
# terminates it automatically.
session_timeout = 360            # <<--                .  (    :  )
```

```
# Running environment of the server
#environment = production

# Max request body size in KB, default value is 4GB
#max_body_size = 4 * 1024 * 1024

# Wok server root. Set the following variable to configure any relative path
to
# the server. For example, to have Wok pointing to
https://localhost:8001/wok/
# uncomment the following:
#server_root=/wok

# Federation feature: register Wok server on openSLP and discover peers
# in the same network. Check README-federation for more details.
#federation = off
```

wokd .

```
$ systemctl restart wokd.service
```

2.5 KBytes . UI
GBytes KBytes .

/usr/share/wok/plugins/kimchi/ui/js/kimchi.min.js 4387 line
.

```
var sizeInMB = parseInt(settings['capacity']) * 1024 *
1024;

var sizeInGB = sizeInMB * 1024;
settings['capacity'] = sizeInGB;
```