

KVM - Wok / Kimchi HTML5 Web Manager 3

(On CentOS 7) 3

 NetworkManager 3

 firewalld 3

 selinux 3

 EPEL 4

 () 4

Wok / Kimchi 4

 4

 5

 5

 7

 7

 Session timeout 8

 9

KVM - Wok / Kimchi HTML5 Web Manager

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

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

(On CentOS 7)

CentOS 7 가

NetworkManager

NAT NetworkManager
NetworkManager .

```
# systemctl disable NetworkManager
```

firewalld

가

```
# 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 가 .

```
# 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>

가 .

```
# 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/

가



Language

Locale

OS

.

네트워크 이름

네트워크 유형

격리됨: 외부 네트워크 연결 없음

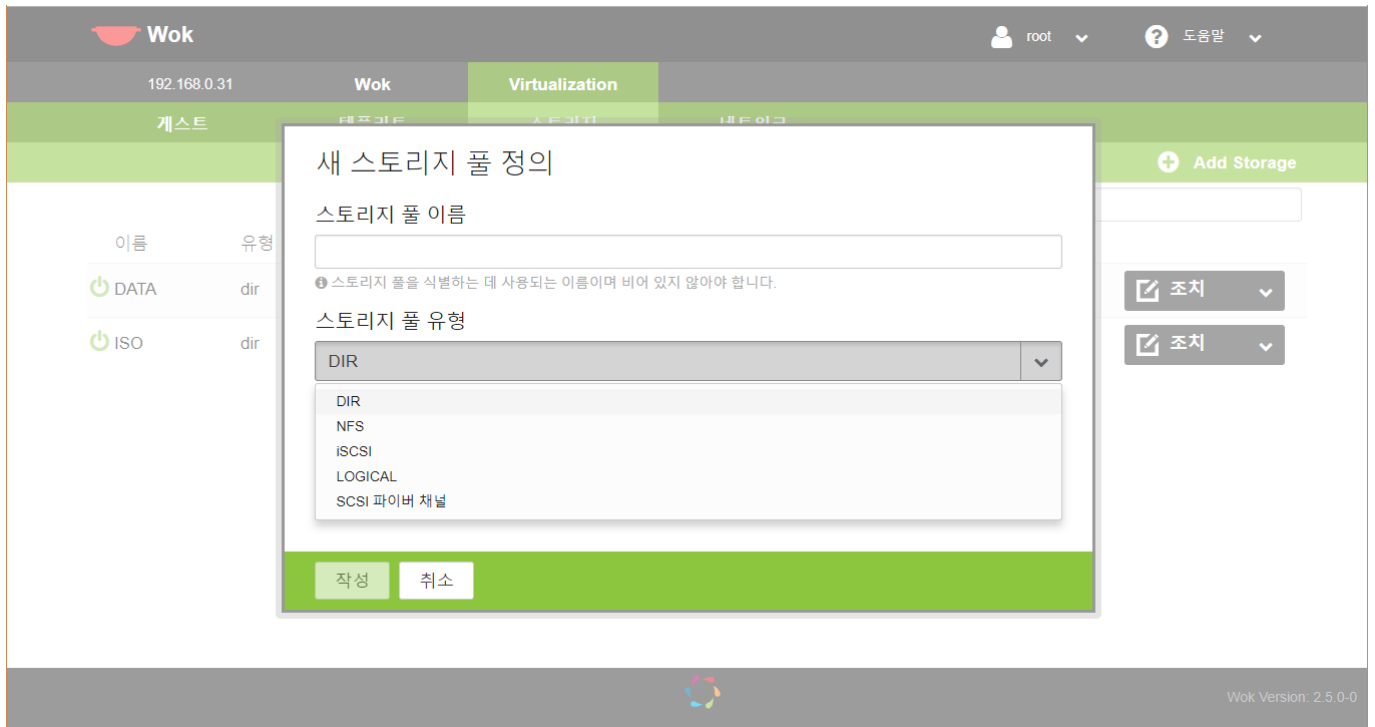
격리됨: 외부 네트워크 연결 없음
 NAT: 아웃바운드 물리적 네트워크 연결만
 Macvtap: Virtual machines are connected to physical network directly
 Passthrough: Virtual machines are connected using a macvtap connection in passthrough mode.
 VEPA: special mode where virtual machines are connected to a VEPA-enabled switch
 Bridged: Virtual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

가 . KVM 가 가

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

가 Start, Stop .

VM

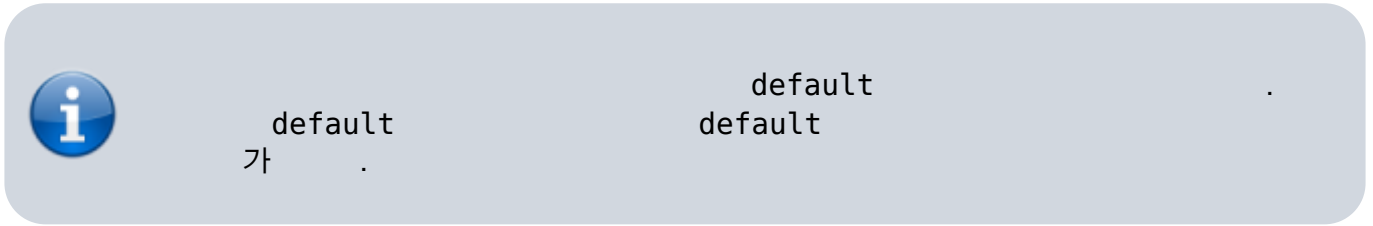
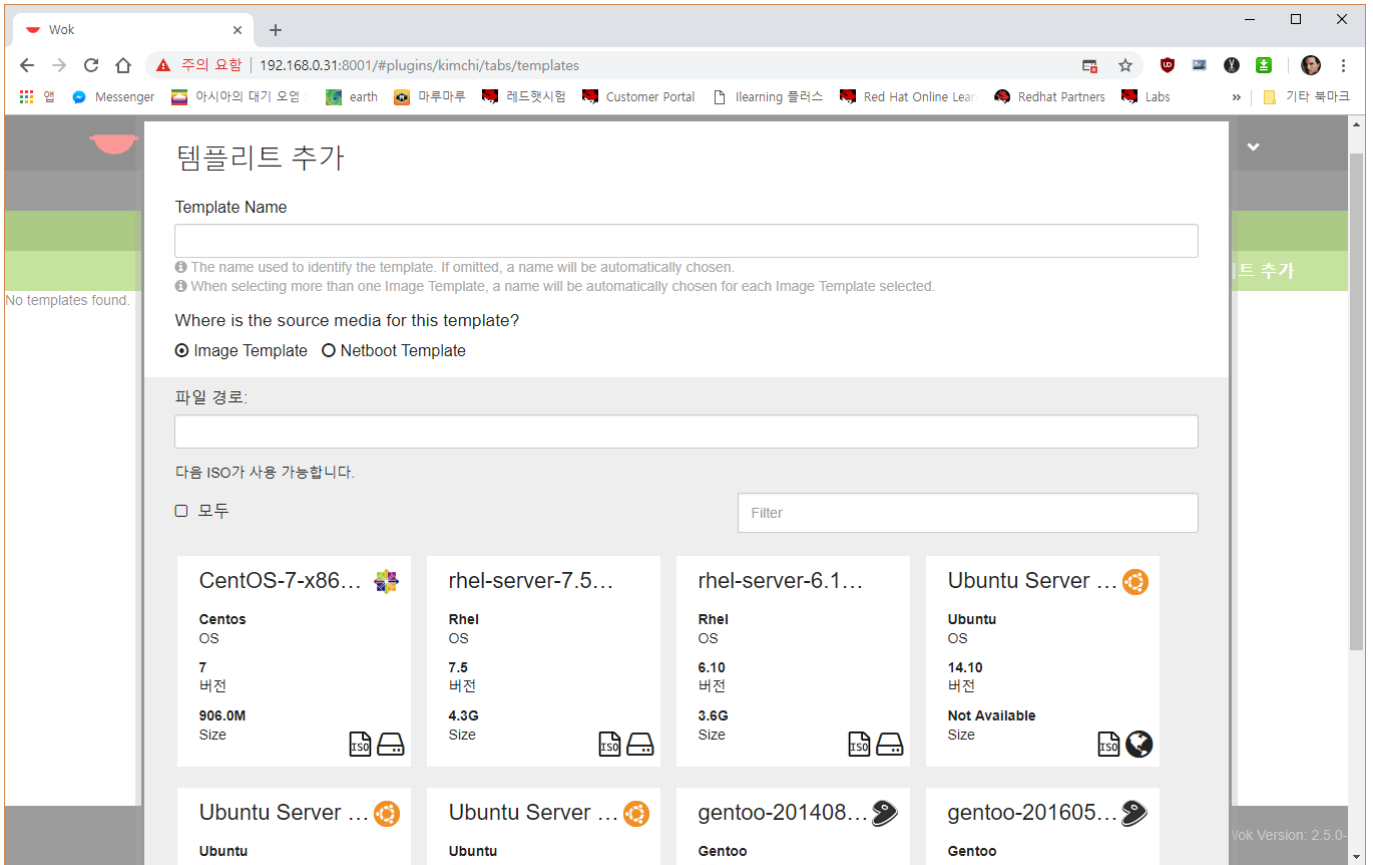


5가

가

VM

ISO



Session timeout

wok 가 10 /etc/wok/wok.conf
 session_timeout .

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

# Cherrypy server port
#cherryppy_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	가	가	KBytes	UI
GBytes		KBytes		

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

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

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<https://atl.kr/dokuwiki/> - AllThatLinux!

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