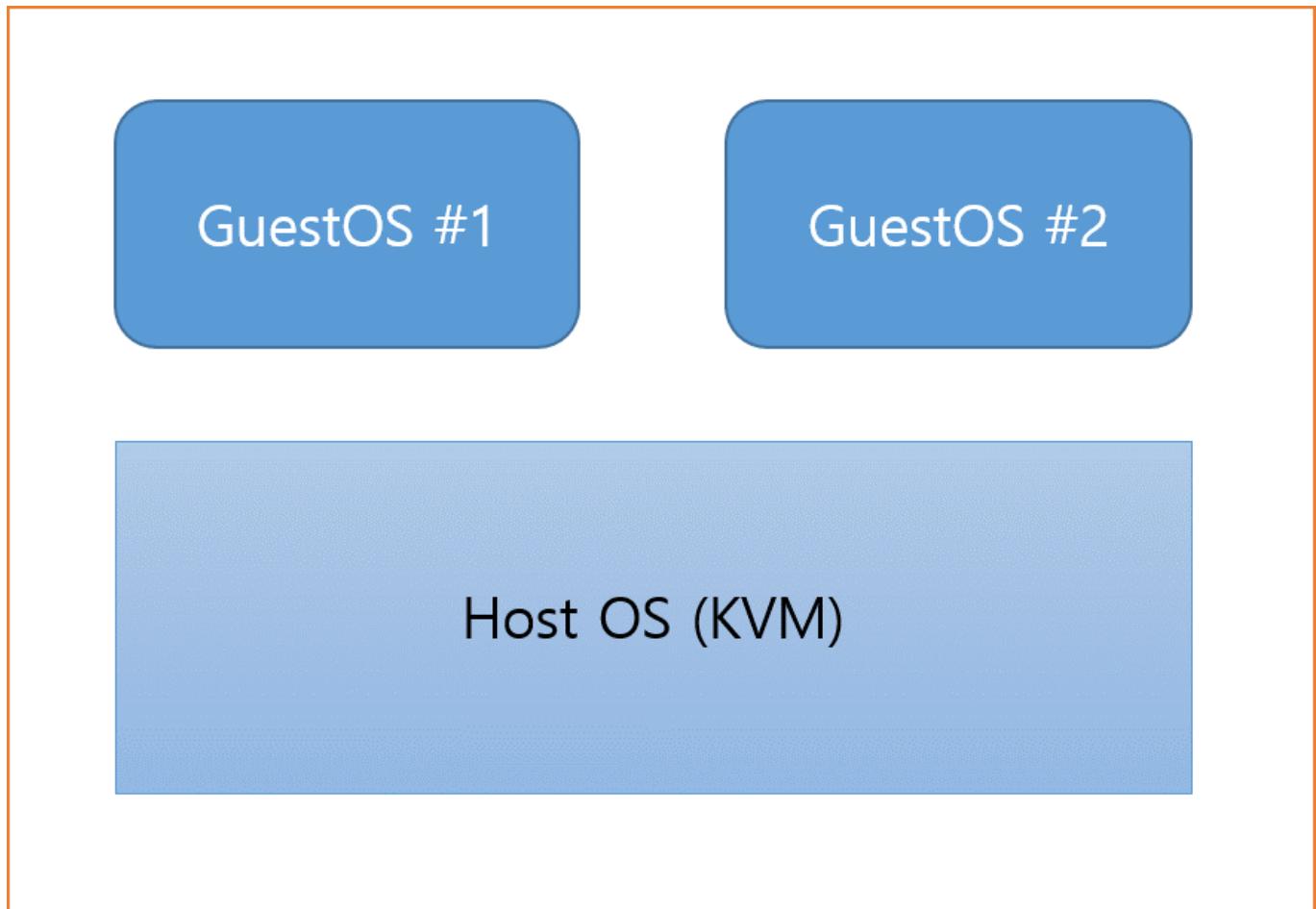


KVM	fence_virt	3
		3
Fence		3
		3
		4
		4
fence_virt		5
Guest OS		5
cluster.conf		6
		7
		7

KVM fence_virtd



GuestOS HostOS 1 (가)
 fence_virtd 2 Guest OS

Fence

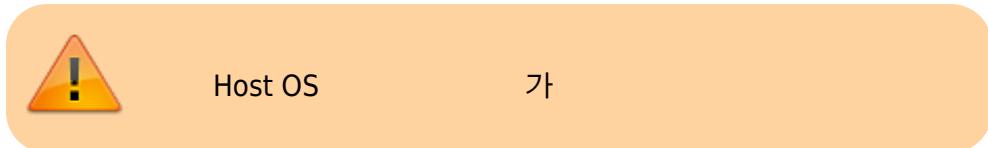
가 fence()

HostOS

```
# yum install fence-virt fence-virtd fence-virtd-libvirt fence-virtd-multicast fence-virtd-serial
```

가 /etc/cluster 가

```
# mkdir -p /etc/cluster
```



HostOS HostOS Host OS

```
# dd if=/dev/urandom of=/etc/cluster/fence_xvm.key bs=4k count=1
# scp /etc/cluster/fence_xvm.key root@guest:/etc/cluster/fence_xvm_host1.key
```

HostOS GuestOS

Host OS

```
# fence_virtd -c
```

-
-
-
-
- br0 ()
- default fence_xvm.key
- libvirt
- URI
- "y"

/etc/fence_virt.conf

```
fence_virtd {
    module_path = "/usr/lib64/fence-virt";
    listener = "multicast";
```

```

        backend = "libvirt";
}

listeners {
    #                               Guest OS  cluster.conf
    #                               cluster.conf

    multicast {
        key_file = "/etc/cluster/fence_xvm.key";
        interface = "br0";
        port = "1229";
        address = "225.0.0.12";
        family = "ipv4";
    }
}

backends {
    libvirt {
        uri = "qemu:///system";
    }
}

```

Host OS multicast address

Host OS

```

(on host1)
address = "225.0.1.12";

(on host2)
address = "225.0.2.12";

```

fence_virtd

```
# service fence_virtd start
# chkconfig fence_virtd on
```

Guest OS

```
# yum install fence-virt
```

Guest OS 가

```
[on guest1]$ fence_xvm -a 225.0.2.12 -k /etc/cluster/fence_xvm-host2.key -H
```

Last update: kvm_fence_virtd_ https://atl.kr/dokuwiki/doku.php/kvm_%EA%B8%B0%EB%B0%98_fence_virtd_%EC%84%A4%EC%A0%95%ED%95%98%EA%B8%B0?rev=1515045151
2018/01/04 05:52

```
guest2 -o status
[on guest2]$ fence_xvm -a 225.0.1.12 -k /etc/cluster/fence_xvm_host1.key -H
guest1 -o status
```

```
[on guest2]# fence_xvm -o reboot -a 225.0.1.12 -k
/etc/cluster/fence_xvm_host1.key -H guest1
```

	-H	Guest OS	KVM	가
HostOS	virsh list			.

```
[on host1]# virsh list
 Id Name           State
-----+
 1 guest1        running
```

cluster.conf

가	cluster.conf	.
---	--------------	---

```
[root@node2 ~]# cat /etc/cluster/cluster.conf
<?xml version="1.0"?>
<cluster config_version="1" name="kvm_cluster">
  <clusternodes>
    <clusternode name="node1.example.com" nodeid="1">
      <fence>
        <method name="1">
          <device domain="node1" name="virtfence1"/>
        </method>
      </fence>
    </clusternode>
    <clusternode name="node2.example.com" nodeid="2">
      <fence>
        <method name="1">
          <device domain="node2" name="virtfence2"/>
        </method>
      </fence>
    </clusternode>
  </clusternodes>
  <cman expected_votes="1" two_node="1"/>
  <fencedevices>
    <fencedevice agent="fence_xvm" name="virtfence1"
key_file="/etc/cluster/fence_xvm_host1.key" multicast_address="225.0.1.12"/>
```

```
<fencedevice agent="fence_xvm" name="virtfence2"
key_file="/etc/cluster/fence_xvm_host2.key" multicast_address="225.0.2.12"/>
</fencedevices>
<rm>
  <failoverdomains/>
  <resources/>
</rm>
</cluster>
```

```
[on guest2]$ fence_node guest1
fence guest1 success
```

- <https://access.redhat.com/solutions/293183>

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https://atl.kr/dokuwiki/doku.php/kvm_%EA%B8%B0%EB%B0%98_fence_virtd_%EC%84%A4%EC%A0%95%ED%95%98%EA%B8%B0?rev=1515045151

Last update: 2018/01/04 05:52