

DSR(Direct Server Return(Response)

Red Hat Enterprise Linux

Windows

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dsr_

Last

update:

2017/05/11

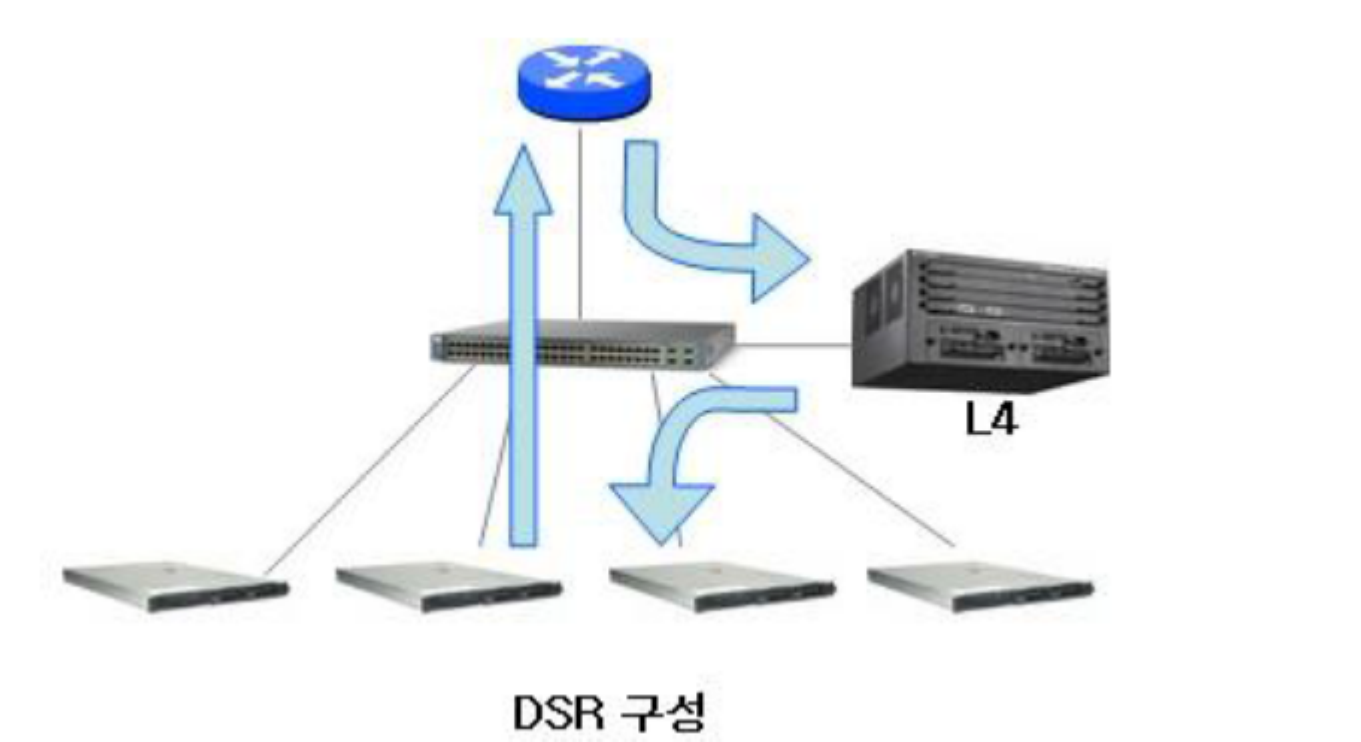
04:34

– https://atl.kr/dokuwiki/doku.php/dsr_%EA%B5%AC%EC%84%B1%EC%8B%9C_%EA%B3%A0%EB%A0%A4%EC%82%AC%ED%95%AD?rev=1494477259

DSR(Direct Server Return(Response)

DSR(Direct Server Return)

1. L4 (Load Balancer)
2. L4 (Load Balancer) , 가 .



loopback IP(L4 DSR VIP)가 192.168.123.20 .

Red Hat Enterprise Linux

- 1) /etc/sysconfig/network-scripts/ifcfg-lo:0 . ifcfg-lo
- .

```
DEVICE=lo:0
IPADDR=< VIP >
NETMASK=255.255.255.255
NETWORK=< >
BROADCAST=< Broadcast IP >
ONBOOT=yes
```

```
DEVICE=lo:0
IPADDR=192.168.123.20
NETMASK=255.255.255.255
NETWORK=192.168.123.0
BROADCAST=192.168.123.255
ONBOOT=yes
```

Loopback . 가 255.255.255.255 .

2) /etc/sysctl.conf 가 . (ARP . 2.6)

```
net.ipv4.conf.lo.arp_ignore = 1
net.ipv4.conf.lo.arp_announce = 2
net.ipv4.conf.all.arp_ignore = 1
net.ipv4.conf.all.arp_announce = 2
```

3) .

```
# ifup lo:0
# sysctl -p
```

Windows

Windows

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2

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Tcpip\Parameters\ DWORD
EnableBcastArpReply 0 VIP 가 →

2

1. 가
- 2.
- 3.
4. Microsoft / Microsoft Loopback Adapter
5. 가 L4 VIP 가, NETMASK 255.255.255.255

Weak Host Model

```
netsh interface ipv4 set interface " " weakhostreceive=enabled
netsh interface ipv4 set interface "loopback" weakhostreceive=enabled
netsh interface ipv4 set interface "loopback" weakhostsend=enabled
```

loopback	254	ARP	.
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```
netsh interface ipv4 set interface "loopback" metric=254
```

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