

KeepAlived VRID mismatch [Dropping received VRRP packet]

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KeepAlived VRID mismatch [Dropping received VRRP packet]

KeepAlived VRID mismatch VRID : virtual_router_id

message log 가 .

/var/log/message

```
Keepalived_vrrp[xxxx]: ip address associated with VRID not present in
received packet : 192.168.17.100
Keepalived_vrrp[xxxx]: one or more VIP associated with VRID mismatch actual
MASTER advert
Keepalived_vrrp[xxxx]: bogus VRRP packet received on eth0 !!!
Keepalived_vrrp[xxxx]: VRRP_Instance(VI_1) Dropping received VRRP packet...
```

Openstack /var/log/messages 가

```
Jul 10 17:28:35 openstackctrl-02 docker[3922]: Mon Jul 10 17:28:35 2023:
(kolla_internal_vip_51) ip address associated with VRID 51 not present in
MASTER advert : 10.8.6.34
Jul 10 17:28:36 openstackctrl-02 docker[3922]: Mon Jul 10 17:28:36 2023:
(kolla_internal_vip_51) Entering MASTER STATE
Jul 10 17:28:36 openstackctrl-02 docker[3922]: Mon Jul 10 17:28:36 2023:
(kolla_internal_vip_51) Master received advert from 10.8.6.33 with higher
priority 3, ours 2
Jul 10 17:28:36 openstackctrl-02 docker[3922]: Mon Jul 10 17:28:36 2023:
(kolla_internal_vip_51) Entering BACKUP STATE
Jul 10 17:28:37 openstackctrl-02 docker[3922]: Mon Jul 10 17:28:37 2023:
(kolla_internal_vip_51) ip address associated with VRID 51 not present in
MASTER advert : 10.8.6.34
Jul 10 17:28:38 openstackctrl-02 docker[3922]: Mon Jul 10 17:28:38 2023:
(kolla_internal_vip_51) ip address associated with VRID 51 not present in
MASTER advert : 10.8.6.34
Jul 10 17:28:39 openstackctrl-02 docker[3922]: Mon Jul 10 17:28:39 2023:
(kolla_internal_vip_51) ip address associated with VRID 51 not present in
MASTER advert : 10.8.6.34
```

openstackctrl-02	VIP	10.8.6.34	VRID	51	MASTER
advert					VIP가
			VRID	VIP가	

가 VRID KeepAlived 가 (VIP 가 VRID
) ex> VIP 192.168.17.100 → VRID 20

```
VIP 192.168.17.150 -> VRID 20
```

KeepAlived 가 tcpdump vrid

```
# tcpdump -i eth0 host 224.0.0.18
```

```
10:59:10.697847 IP 192.168.17.100 > vrrp.mcast.net: VRRPv2, Advertisement,
vrid 20, prio 100, authtype simple, intvl 1s, length 20
10:59:10.698571 IP 192.168.17.150 > vrrp.mcast.net: VRRPv2, Advertisement,
vrid 20, prio 100, authtype simple, intvl 1s, length 20
```

- IP Multicast address [https://en.wikipedia.org/wiki/Multicast_address#IPv4]
- 224.0.0.18 Virtual Router Redundancy Protocol (VRRP)

keepalived.conf vrid KeepAlived restart

```
'virtual_router_id 21'
```

- <https://hyuns1.tistory.com/entry/KeepAlived-VRID-mismatch-Dropping-received-VRRP-packet>

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