

How to configure persistency sharing across different vserver types

Introduction:

Use Case

Control and data traffic to be handled by the same server. For example in Telco environment, Gateway GPRS Support Node (GGSN) handles both the control and data traffic. It is ideal to send both the control and data traffic of a subscriber to the same GGSN node because the GGSN node collects subscriber information during authentication and the same can be used for authorization and control of application traffic. GGSN performs charging functions.

Subscriber information is learnt from RADIUS Attribute Value Pair (AVP) and that information should be used to load balance the application traffic and send the app traffic to the same backend server.

Consideration:

One of the key consideration for the configuration to be successful is that the persistency type on both the vservers should be same.

Instructions:

Starting from NetScaler 12.0, persistency sharing across vservers of different protocols is supported.

Persistency group can be configured and the persistency group should be bound to the vserver and with this config the persistency information is shared across vservers.

Below are the steps:

1. `add lb vs vs1 http 10.10.10.11 80 -persistencyType rule -rule 'client.ip.src'`
2. `add lb vs vs2 radius 10.10.10.12 1812 -persistencyType rule -rule 'Radius.req.avp(8).value.typecast_text_t'`

As mentioned above, the persistency type of both virtual servers is same (i.e. Rule based) and the persistence is set on the client IP address.

3. `add lb group lb_grp1 -persistencyType NONE -useVserverPersistency ENABLED`



Create Persistency Group

Group Name*

lb-grp1

? ✗ Please enter value

Persistence*

NONE

Time-out

2

Backup Persistence*

NONE

Use vServer Persistence*

Virtual Server Name*

Configured (0) Remove All

No items

+ Add

- bind lb group lb_grp1 vs1
During creation of lb group itself, the lb vservers can be added

← Create Persistency Group

Group Name*

Persistence*

Time-out

Backup Persistence*

Use vServer Persistence*

Virtual Server Name*

Available (0) Select All	Configured (1) Remove All
No items	v1

[New](#)

5. bind lb group lb_grp1 vs2
6. set lb group lb_grp1 –mastervserver vs2