The configuration of VRRP on S5600 switches

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I   Requirement for the diagram

Host A will access to Host B by VRRP which make up of Switch A and Switch B. Normally, Switch A is master, Switch B is backup.

The connection of topology is as follow:

Switch	Port which connect to Host A	Vlan-interface	Priority of switch	preempt-mode
LSW-A	GE 1/0/6	202.38.160.1/24	110	permit
LSW-B	GE 1/0/5	202.38.160.2/24	100 (default)	permit

II   Network topology
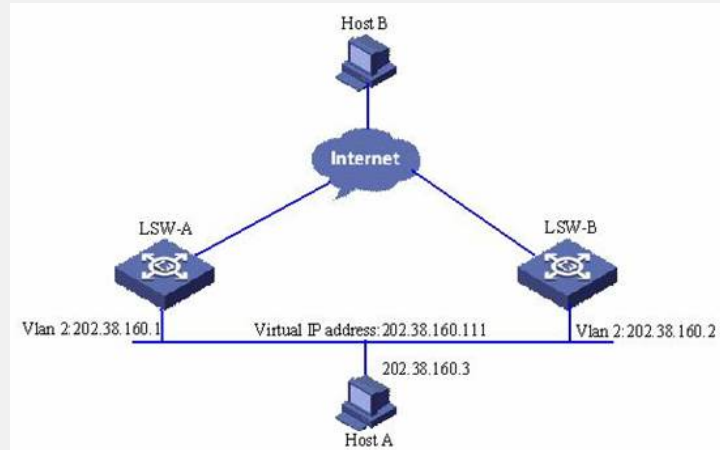
III   Steps of configuration

1．Configurtion of Switch A:

1) Create vlan 2 and vlan2-interface

<LSW-A> system-view

[LSW-A] vlan 2

[LSW-A-vlan2] port GigabitEthernet 1/0/6

[LSW-A-vlan2] quit

[LSW-A] interface Vlan-interface 2

[LSW-A-Vlan-interface2] ip address 202.38.160.1 255.255.255.0

[LSW-A-Vlan-interface2] quit

2) Enable vlan-interface ping-enable

[LSW-A] vrrp ping-enable

3) Create a backup group

[LSW-A] interface vlan 2

[LSW-A-Vlan-interface2] vrrp vrid 1 virtual-ip 202.38.160.111

4) Configure priority of Switch A in backup group 1

[LSW-A-Vlan-interface2] vrrp vrid 1 priority 110

5) Set preempt-mode of Switch A in backup group 1

[LSW-A-Vlan-interface2] vrrp vrid 1 preempt-mode

2．Configurtion of Switch B:

1) Create vlan 2 and vlan2-interface

<LSW-B> system-view

System View: return to User View with Ctrl+Z.

[LSW-B] vlan 2

[LSW-B-Vlan2] port GigabitEthernet 1/0/5

[LSW-B-vlan2] quit

[LSW-B] interface Vlan-interface 2

[LSW-B-Vlan-interface2] ip address 202.38.160.2 255.255.255.0

[LSW-B-Vlan-interface2] quit

2) Enable vlan-interface ping-enable

[LSW-B] vrrp ping-enable

3) Create a backup group

[LSW-B] interface vlan 2

[LSW-B-Vlan-interface2] vrrp vrid 1 virtual-ip 202.38.160.111

4) Set preempt-mode of Switch B in backup group 1

[LSW-B-Vlan-interface2] vrrp vrid 1 preempt-mode

Default gateway is 202.38.160.111 of Switch A

In general,switch A work as the gateway,when switch A works wrong,switch B will do the work instead of switch A.

The purpose of setting preempt-mode is make switch A instead of switch B to work when switch A recover normal.

IV　　Key notes in the configuration

This case could also be used on H3C S3600、S3610、S5510 series switches.