3 Wan Load Balancing PCC Method

***#Set Ethernet name as WAN1,WAN2,WAN3,Local and copy below script on terminal window.***

***#Reboot my Mikrotik and test your setup.***

*/ip address*

*add address=192.168.1.2/24 interface=WAN1*

*add address=192.168.2.2/24 interface=WAN2*

*add address=192.168.3.2/24 interface=WAN3*

*add address=192.168.21.1/24 interface=Local*

*/ip dns*

*set allow-remote-requests=yes cache-size=5000KiB max-udp-packet-size=2048 servers=192.168.1.1,192.168.2.1*

*/ ip firewall mangle*

*add chain=input in-interface=WAN1 action=mark-connection new-connection-mark=WAN1\_conn*

*add chain=input in-interface=WAN2 action=mark-connection new-connection-mark=WAN2\_conn*

*add chain=input in-interface=WAN3 action=mark-connection new-connection-mark=WAN3\_conn*

*add action=mark-routing chain=output connection-mark=WAN1\_conn new-routing-mark=to\_WAN1*

*add action=mark-routing chain=output connection-mark=WAN2\_conn new-routing-mark=to\_WAN2*

*add action=mark-routing chain=output connection-mark=WAN3\_conn new-routing-mark=to\_WAN3*

*add chain=prerouting dst-address=192.168.1.0/24 in-interface=Local*

*add chain=prerouting dst-address=192.168.2.0/24 in-interface=Local*

*add chain=prerouting dst-address=192.168.3.0/24 in-interface=Local*

*add action=mark-connection chain=prerouting dst-address-type=!local in-interface=Local new-connection-mark=WAN1\_conn per-connection-classifier=both-addresses-and-ports:3/0*

*add action=mark-connection chain=prerouting dst-address-type=!local in-interface=Local new-connection-mark=WAN2\_conn per-connection-classifier=both-addresses-and-ports:3/1*

*add action=mark-connection chain=prerouting dst-address-type=!local in-interface=Local new-connection-mark=WAN3\_conn per-connection-classifier=both-addresses-and-ports:3/2*

*add action=mark-routing chain=prerouting connection-mark=WAN1\_conn in-interface=Local new-routing-mark=to\_WAN1*

*add action=mark-routing chain=prerouting connection-mark=WAN2\_conn in-interface=Local new-routing-mark=to\_WAN2*

*add action=mark-routing chain=prerouting connection-mark=WAN2\_conn in-interface=Local new-routing-mark=to\_WAN3*

*/ip firewall nat*

*add action=masquerade chain=srcnat out-interface=WAN1*

*add action=masquerade chain=srcnat out-interface=WAN2*

*add action=masquerade chain=srcnat out-interface=WAN3*

*/ip route*

*add check-gateway=ping distance=1 gateway=192.168.1.1 routing-mark=to\_WAN1*

*add check-gateway=ping distance=1 gateway=192.168.2.1 routing-mark=to\_WAN2*

*add check-gateway=ping distance=1 gateway=192.168.3.1 routing-mark=to\_WAN3*

*add check-gateway=ping distance=1 gateway=192.168.1.1*

*add check-gateway=ping distance=2 gateway=192.168.2.1*

*add check-gateway=ping distance=3 gateway=192.168.3.1*