

ETH1

IF eth1 comes up, Network-Manager IF-up Script, gets default GW from Network-Manager CLI tool. Value of the metrics is specified.

If-up scripts writes into routing table new default route with given GW and Metrics.

IF eth1 goes down, Network-Manager IF-down Script deletes default route from Ip route.

Ping script test the connectivity of lowest Metrics.  
If FAIL metrics is increased by 10.  
After 30 mins scripts restart interface

ETH2 EOP

IF eth2 comes up, Network-Manager IF-up Script, gets default GW from Network-Manager CLI tool. Value of the metrics is specified.

If-up scripts writes into routing table new default route with given GW and Metrics.

IF eth2 goes down, Network-Manager IF-down Script deletes default route from Ip route.



Routing table makes decision which Default route to use according to metrics.

Public WI-FI

IF wlan0 comes up, IF-Up script finds all public wi-fi networks. NM connects to a Network with strongest Signal.  
IF-up script, gets default GW from NM CLI Tool.  
Value of the metrics is specified.

If-up scripts writes into routing table new default route with given GW and Metrics.

IF wlan0 goes down, Network Manager IF-down script deletes default Route from ip route.

3G

Script finds out if the 3g Device is connected To the computer, When IS , scripts makes a connection

IF PPP0 comes up, Network-Manager IF-up Script, gets default GW from Network-Manager CLI tool. Value of the metrics is specified.

If-up scripts writes into routing table new default route with given GW and Metrics.

IF PPP0 goes down, Network Manager IF-down script deletes default Route from ip route.