?ForiGate????, ??????port??????WAN?LAN, ??????internal????, ??????????. ??, internal????????LAN network(?????????????switch). ???????????, Multi-WAN connection, ????WAN?port???????, ??????? ?????, ????????. ???HiNet 100M/40M??6 fixed IPs, ????????WAN1, WAN2?DMZ. ??????, ???????:

1. WAN 1: ??IP

2. WAN 2: ?VTU-R??DHCP???IP

3. WAN 3: ??IP

* ?VTU-R??Interface Grouping??????. ??WAN2????routing??????bridge?(br1)

	Name	Type	IP/Netmask	Access
☐	dmz	Physical Interface	60. / 255.255.255.0	PING
☐	wan2	Physical Interface	17 / 255.255.255.0	PING
☐	wan1	Physical Interface	60. / 255.255.255.0	PING
☐	mesh.root (SSID: fortinet.mesh.root)	WiFi	0.0.0.0 / 0.0.0.0	
☐	wl.mesh	WLAN Mesh	192.168.3.99 / 255.255.255.0	PING,CAPWAP
☐	internal	Physical Interface	10.1.1.100 / 255.255.255.0	HTTP,HTTPS,PING,TELNET

?????EMCP?Source IP based, ??IP?????????. ????????, ??????LAN???????????WAN/DMZ port?. ? Routing??????????:

1. Static Routing

2. Policy Routing

????????routing??:

▼ IP/Mask	▼ Gateway	▼ Device	▼ Comment	▼ Distance	▼ Priority
0.0.0.0 0.0.0.0	60.2	wan1		10	0
0.0.0.0 0.0.0.0		wan2		10	5
10.2.0.0 255.255.0.0	10.1.1.102	internal		5	0
0.0.0.0 0.0.0.0	60.	dmz		10	10

Distance????, ??Priority????????. ??????????, ?????????traffic?????????. ????????????WAN 1. ?????? WAN 2?VTU-R??DHCP?????IP, ?Mutli-WAN???CLI??, ??????checkbox.

Name	wan2(00:09:0F:A4:CB:58)
Alias	
Link Status	Up ⬆
Type	Physical Interface

Addressing mode	○ Manual ● DHCP ○ PPPoE ○ Dedicate to FortiAP
Status	connected🔌
Obtained IP/Netmask	172.16.2.100 255.255.255.0 [Renew]
Expiry Date	August 31, 2013 10:08 AM
Distance	10
Retrieve default gateway from server.	☐ → 請勿選取
Override internal DNS.	☐

?????CLI??:

```
FWF60C3G12006405 (2) # get
seq-num            : 2
blackhole          : disable
comment            :
device             : wan2
distance           : 10
dst                : 0.0.0.0 0.0.0.0
dynamic-gateway    : enable
priority           : 5
weight             : 0

FWF60C3G12006405 (2) # show
config router static
    edit 2
        set device "wan2"
        set dynamic-gateway enable
        set priority 5
    next
end
```

PPPoE?????????????. ?????routing?????, ??????????LAN?routing?????WAN/DMZ port?. ??????????:
1. 10.2.162.0/24 => DMZ
2. 10.2.[116-118].0/24 => WAN 2
* DEFAULT: All traffic => WAN 1
???Policy Routing????:

#	Incoming	Outgoing	Source	Destination	Gateway Address
1	internal	dmz	10.2.162.0/255.255.255.0	0.0.0.0/0.0.0.0	0.0.0.0
3	internal	wan2	10.2.117.0/255.255.255.0	0.0.0.0/0.0.0.0	0.0.0.0
4	internal	wan2	10.2.118.0/255.255.255.0	0.0.0.0/0.0.0.0	0.0.0.0
5	internal	wan2	10.2.116.0/255.255.255.0	0.0.0.0/0.0.0.0	0.0.0.0

??Gateway??????0.0.0.0??????, ??????. ?????????:

If incoming traffic matches:

Protocol	0 Any TCP UDP SCTP
Incoming interface	internal
Source address / mask	10.2.162.0/255.255.255.0
Destination address / mask	0.0.0.0/0.0.0.0
Type of Service	Bit Pattern 0x00 Bit Mask 0x00

Force traffic to:

Outgoing interface	dmz
Gateway Address	0.0.0.0
Comments	Write a comment... 0/255

OK   Cancel

?????????, ??routing??????????port?. ???????????sniffer????, ????CLI??:

```
FWF60C3G12006405 # diag sniffer packet wan2
interfaces=[wan2]
filters=[none]
1.148674 172.16.2.100.41200 -> 106.1.228.4.15652: udp 30
1.148857 172.16.2.100.41200 -> 14.199.145.97.21588: udp 30
1.482383 114.24.0.19.14288 -> 172.16.2.100.52302: fin 163870503
1.485614 172.16.2.100.52302 -> 114.24.0.19.14288: fin 600112828
```

??????policy table???????????count??sessions.

To	Destination	Schedule	Service	Action	NAT	Log	Count
internal	dmz$DS112+	always	Synology	✓ Accept	✗	✗	144 Packets / 9.02 KB
internal	wan1$FGT@SSL wan1$FGT@IKE500 wan1$FGT@IKE4500	always	HTTPS IKE	✓ Accept	✗	✗	3,915,707 Packets / 2.23 GB
internal	wan1$PC	always	ALL	✓ Accept	✗	✗	447,728,174 Packets / 350.84 GB
internal	wan2$PC	always	ALL	✓ Accept	✗	✗	8,024 Packets / 3.93 MB
internal	wan2$XBOX360 wan2$PS3	always	ALL	✓ Accept	✗	✗	0 Packets / 0 B
dmz	any	always	ALL	✓ Accept	✓	✓	6,443 Packets / 2.89 MB
wan1	any	always	DNS	✓ Accept	✓	✓	343,879 Packets / 35.86 MB
wan1	any	always	Web Access	✓ Accept	✓	✓	29,023,803 Packets / 25.48 GB
wan1	any	always	ALL	✓ Accept	✓	✓	184,189,467 Packets / 122.90 GB
wan1	any	always	ALL	✓ Accept	✓	✓	7,345 Packets / 635.07 KB
wan1	any	always	ALL	✓ Accept	✓	✓	29,347 Packets / 13.58 MB
wan1	any	always	ALL	✓ Accept	✓	✓	0 Packets / 0 B
wan2	any	always	ALL	✓ Accept	✓	✓	113,759,827 Packets / 107.84 GB

PS:

????????, ????IP????????????, ?????:

WAN 1: 123.11.224.15/24

?????, ?????IP???, ???????????, ???????????.

WAN 2: 123.11.224.18/24 <==by default: ???

?????CLI?????????IP??:

```
FWF60C3G12006405 (settings) # show
config system settings
    set gui-default-policy-columns "#" "srcintf" "srcaddr" "dst
    set sip-tcp-port 5060
    set sip-udp-port 5060
    set allow-subnet-overlap enable
    set discovered-device-timeout 3
end
```