

Direct Routing IIS

Configure wan/lan interface to allow receive

Change bond 101 to whatever you nic name is, use "**netsh interface ipv4 show interfaces**" to display names

```
PS C:\Users\Administrator> netsh interface ipv4 set interface "bond0" weakhostreceive=enabled
PS C:\Users\Administrator> netsh interface ipv4 set interface "bond0 - VLAN 101" weakhostreceive=enabled
PS C:\Users\Administrator> netsh interface ipv4 set interface "bond0 - VLAN 102" weakhostreceive=enabled
PS C:\Users\Administrator> netsh interface ipv4 set interface "Loopback Pseudo-Interface 1"
weakhostreceive=enabled
PS C:\Users\Administrator> netsh interface ipv4 set interface "Loopback Pseudo-Interface 1"
weakhostsend=enabled
```

```
PS C:\Users\Administrator> netsh interface ipv4 show interfaces
```

“ Idx Met MTU State Name

```
-----
1 50 4294967295 connected Loopback Pseudo-Interface 1
3 15 1500 connected bond0
8 15 1500 connected bond0 - VLAN 101
7 15 1500 connected bond0 - VLAN 102
```

Add WAN IP to loopback interface, replace <VIP-WAN> for the interface IP

```
PS C:\Users\Administrator> netsh interface ip set address "Loopback Pseudo-Interface 1" static <VIP-WAN>
255.255.255.255
PS C:\Users\Administrator> netsh interface ipv4 add address "Loopback Pseudo-Interface 1" 127.0.0.1 255.0.0.0
```

```
PS C:\Users\Administrator> Get-NetIPInterface
```

“ ifIndex InterfaceAlias AddressFamily NIMtu(Bytes) InterfaceMetric Dhcp
ConnectionState PolicyStore

```
-----  
7 bond0 - VLAN 101 IPv4 1500 15 Disabled Connected ActiveStore  
8 bond0 - VLAN 102 IPv4 1500 15 Disabled Connected ActiveStore  
3 bond0 IPv4 1500 15 Enabled Connected ActiveStore  
1 Loopback Pseudo-Interface 1 IPv4 4294967295 50 Disabled Connected  
ActiveStore
```

Replace "1" for the ID of the loopback in your output

```
Set-NetIPInterface -InterfaceIndex 1 -InterfaceMetric 254
```

```
PS C:\Users\Administrator> netsh interface ipv4 show config
```

Your config showed look like below

```
Configuration for interface "Loopback Pseudo-Interface 1"  
DHCP enabled: No  
IP Address: <VIP-WAN>  
Subnet Prefix: <VIP-WAN>/32 (mask 255.255.255.255)  
IP Address: 127.0.0.1  
Subnet Prefix: 127.0.0.0/8 (mask 255.0.0.0)  
InterfaceMetric: 50  
Statically Configured DNS Servers: None  
Register with which suffix: Primary only  
Statically Configured WINS Servers: None
```

Revision #4

Created 31 July 2019 04:06:17 by Dave

Updated 5 August 2019 22:02:41 by Dave