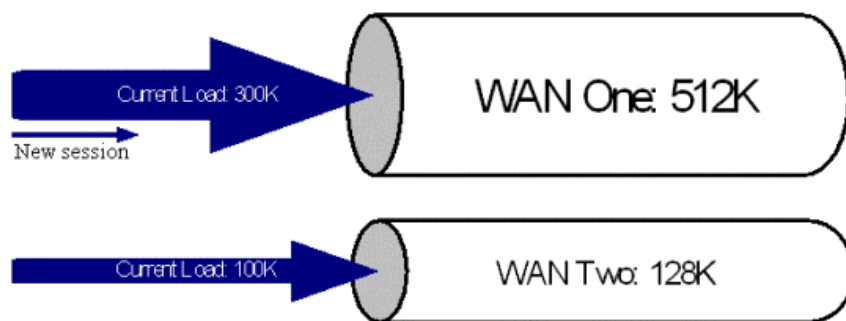
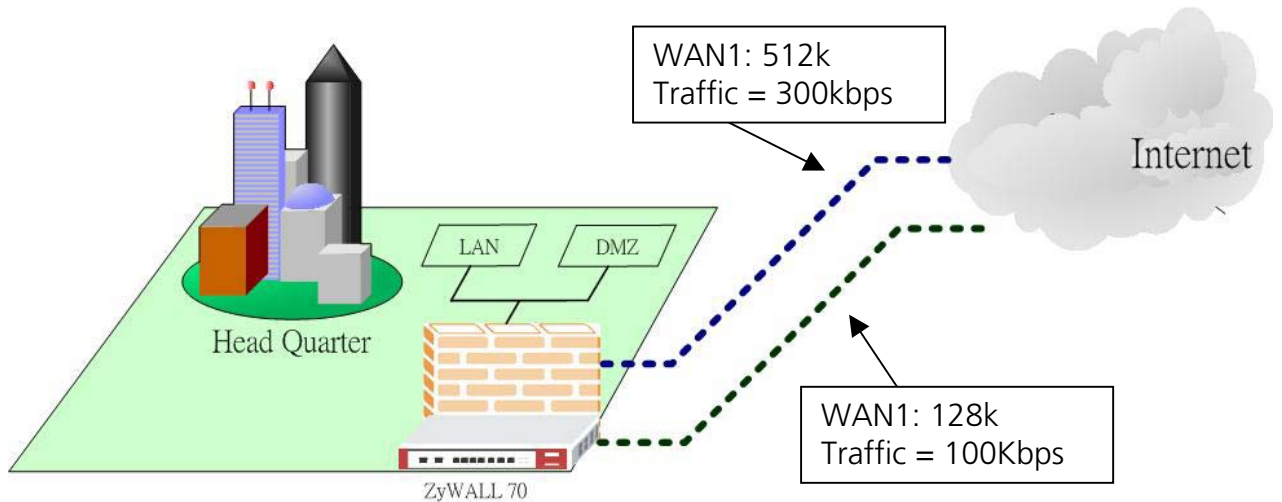


## Least Load First

Cette méthode est calculé selon le pourcentage d'utilisation d'une nouvelle session.



$$300/512 : 100/128 = 59\% : 78\%$$

Active/Passive (Fail Over) Mode  
 Fall Back to Primary WAN When Possible

Active/Active Mode

Load Balancing Algorithm: Least Load First

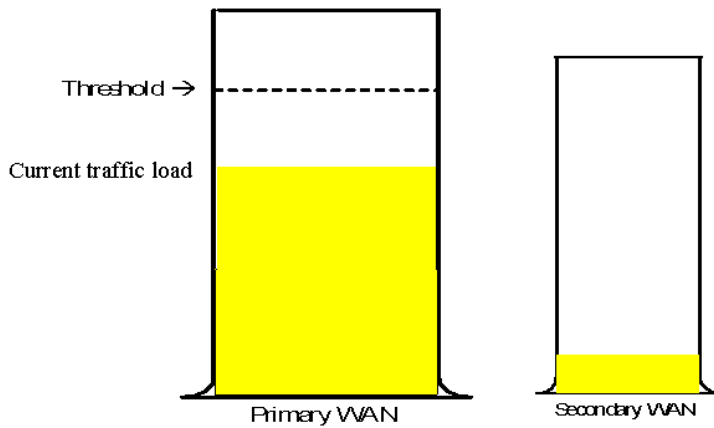
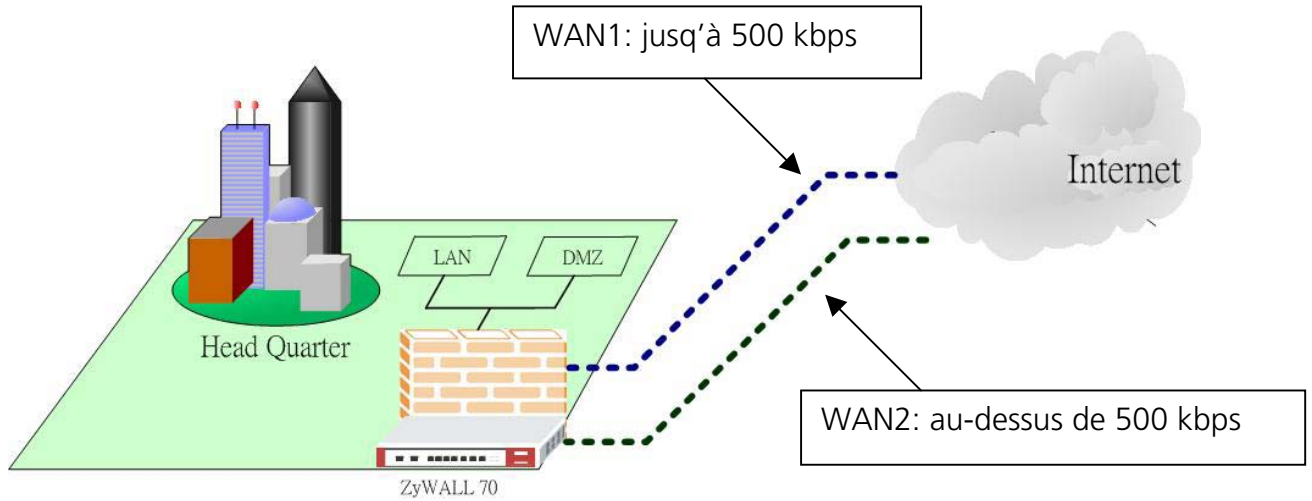
Time Frame: 10 (10(Seconds) ~ 600(Seconds))

Load Balancing Index(es): Inbound Only

Interface	Available Inbound Bandwidth	Available Outbound Bandwidth
WAN 1	512 Kbps	Kbps
WAN 2	128 Kbps	Kbps

### Spillover

Si une nouvelle session dépasse la valeur de seuil, la transmission passe vers l'interface WAN2.

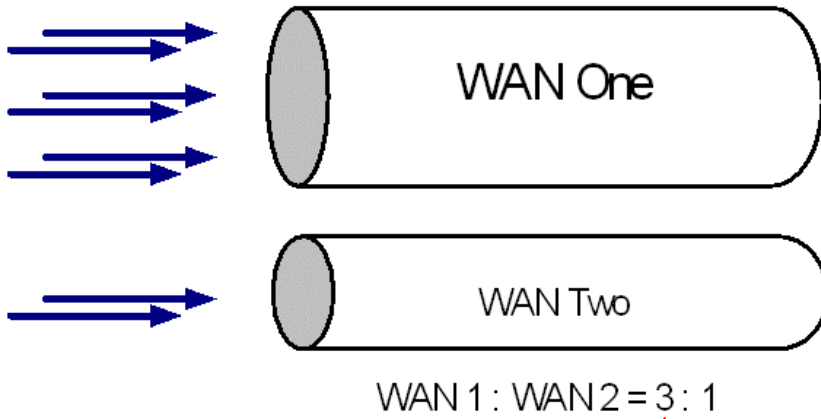
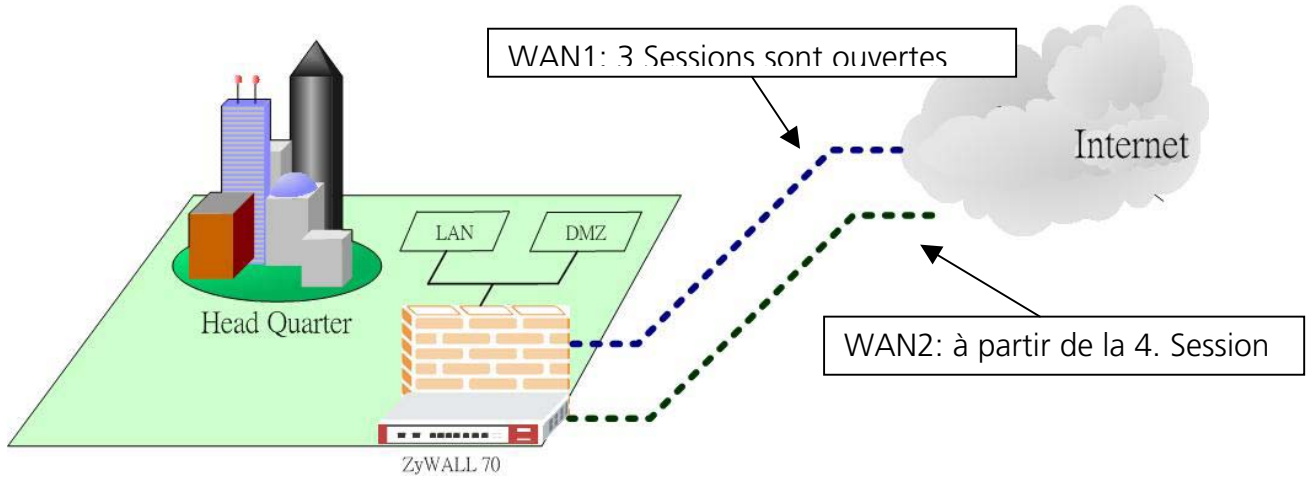


**Operation Mode**

- Active/Passive (Fail Over) Mode
  - Fall Back to Primary WAN When Possible
- Active/Active Mode
  - Load Balancing Algorithm:
  - Time Frame:  10(Seconds) ~ 600(Seconds)
  - Send traffic to secondary WAN when primary WAN bandwidth exceeds  kbps

## Weighted Round-Robin

Distribution des sessions au moyen de relations spécifiques.



Operation Mode

- Active/Passive (Fail Over) Mode
  - Fall Back to Primary WAN When Possible
- Active/Active Mode
  - Load Balancing Algorithm: Weighted Round-Robin

Interface	Ratio
WAN 1	3 (0 ~ 10)
WAN 2	1 (0 ~ 10)

## Transmission de tous les downloads FTP vers l'interface WAN2

Introduction du premier Rule (Protokol TCP) dans le menu Policy Route :

Criteria	
<input checked="" type="checkbox"/> Active	
Rule Index	1
IP Protocol	Predefined TCP (6)
Type of Service	Any
Precedence	Any
Packet Length	0
Length Comparison	Equal
Source	
Interface	<input checked="" type="checkbox"/> LAN <input type="checkbox"/> DMZ <input type="checkbox"/> WAN 1 <input type="checkbox"/> WAN 2
Starting IP Address	0 . 0 . 0 . 0
Ending IP Address	0 . 0 . 0 . 0
Starting Port	0
Ending Port	0
Destination	
Starting IP Address	0 . 0 . 0 . 0
Ending IP Address	0 . 0 . 0 . 0
Starting Port	20
Ending Port	21
Action Applies to	Matched Packets.
Routing Action	
Gateway	
<input type="radio"/> User-Defined	0 . 0 . 0 . 0
<input checked="" type="radio"/> WAN Interface	WAN 2
<input checked="" type="checkbox"/> Use another interface when the specified WAN interface is not available.	
Converted Type of Service	Don't Change
Converted Precedence	Don't Change
Log	Yes
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>	

Introduction du deuxième Rule (Protokol UDP) dans le menu Policy Route :

Criteria	
<input checked="" type="checkbox"/> Active	
Rule Index	2
IP Protocol	Predefined UDP (17)
Type of Service	Any
Precedence	Any
Packet Length	0
Length Comparison	Equal
Source	
Interface	<input checked="" type="checkbox"/> LAN <input type="checkbox"/> DMZ <input type="checkbox"/> WAN 1 <input type="checkbox"/> WAN 2
Starting IP Address	0 . 0 . 0 . 0
Ending IP Address	0 . 0 . 0 . 0
Starting Port	0
Ending Port	0
Destination	
Starting IP Address	0 . 0 . 0 . 0
Ending IP Address	0 . 0 . 0 . 0
Starting Port	20
Ending Port	21
Action Applies to	Matched Packets.

Routing Action	
Gateway	
<input type="radio"/> User-Defined	0 . 0 . 0 . 0
<input checked="" type="radio"/> WAN Interface	WAN 2
<input checked="" type="checkbox"/> Use another interface when the specified WAN interface is not available.	
Converted Type of Service	Don't Change
Converted Precedence	Don't Change
Log	No

L'aperçu du menu Policy Route Summary :

Policy Route Summary							
Policy Route Setup							
#	Active	Source Address/Port	Destination Address/Port	Gateway	Protocol	Action	Modify
1	Yes	0.0.0.0-0.0.0.0 / 0-0	0.0.0.0-0.0.0.0 / 20-21	WAN 2	TCP (6)	Matched	 
2	Yes	0.0.0.0-0.0.0.0 / 0-0	0.0.0.0-0.0.0.0 / 20-21	WAN 2	UDP (17)	Matched	 

Examinez sur le Monitor (Menu Home, Show Statistics)...

Port	Status	TxPkts	RxPkts	Tx B/s	Rx B/s	Up Time
WAN 1	100M/Full	177440	1167357	0	64	145:10:44
WAN 2	WAN 2	322398	379911	0	0	14:13:20
Dial Backup	Down	0	0	0	0	234:10:49
LAN	100M/Full	189914324	189186927	750	750	1:40:59
DMZ	100M/Full	0	0	0	0	234:10:44
WLAN	54M	34412	10	0	0	234:10:44

System Up Time : 234:10:49

Poll Interval(s) :

...si le trafic FTP download (Port Rx) passe par l'interface WAN2.

