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Linux bond/team /

https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/7/html/networking_guide/section-comparison_of_network_teaming_to_bonding

	Bonding	Team
broadcast Tx policy	Yes	Yes
round-robin Tx policy	Yes	Yes
active-backup Tx policy	Yes	Yes
LACP (802.3ad) support	Yes (active only)	Yes
Hash-based Tx policy	Yes	Yes
User can set hash function	No	Yes
Tx load-balancing support (TLB)	Yes	Yes
LACP hash port select	Yes	Yes
load-balancing for LACP support	No	Yes
Ethtool link monitoring	Yes	Yes
ARP link monitoring	Yes	Yes
NS/NA (IPv6) link monitoring	No	Yes
ports up/down delays	Yes	Yes
port priorities and stickiness (“primary” option enhancement)	No	Yes
separate per-port link monitoring setup	No	Yes
multiple link monitoring setup	Limited	Yes
lockless Tx/Rx path	No (rwlock)	Yes (RCU)
VLAN support	Yes	Yes
user-space runtime control	Limited	Full
Logic in user-space	No	Yes
Extensibility	Hard	Easy
Modular design	No	Yes
Performance overhead	Low	Very Low
D-Bus interface	No	Yes
multiple device stacking	Yes	Yes
zero config using LLDP	No	(in planning)
NetworkManager support	Yes	Yes

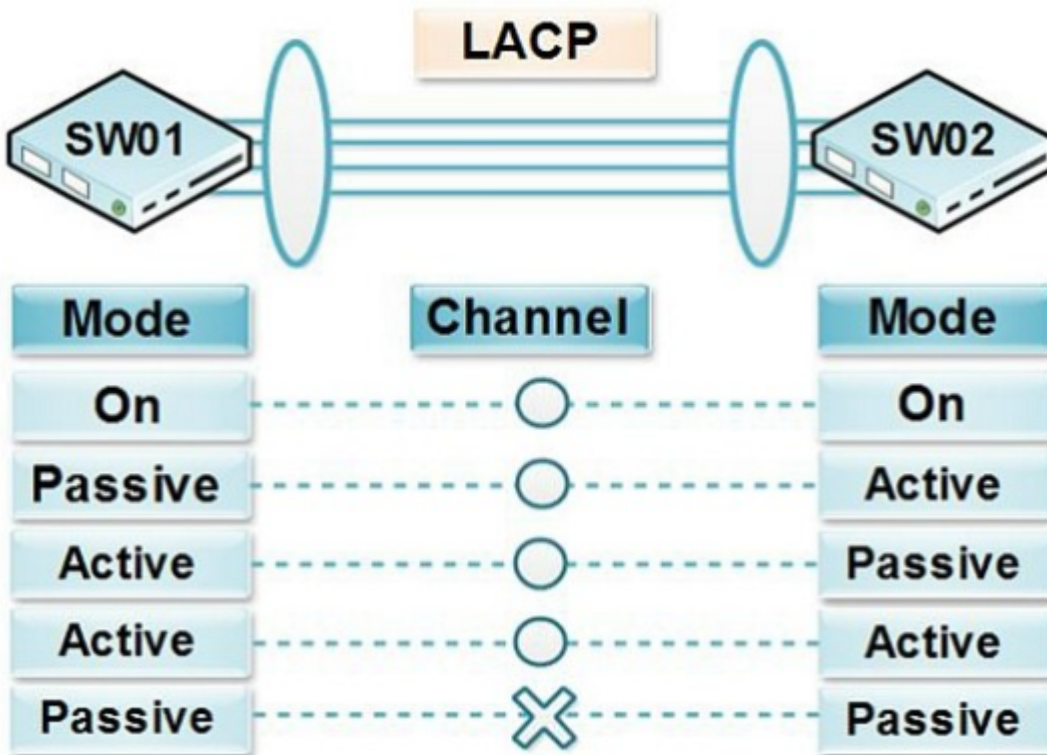
Bond Team LACP

Link Aggregation ?

() cisco Ether Channel .

LACP Mode

Active Mode (능동 모드)	Active Mode로 설정된 인터페이스는 LACP 협상을 맺기 위해서 상대 인터페이스로 LACP 협상 패킷(LACP 데이터 유닛)을 정기적으로 전송한다.
Passive Mode (수동 모드)	Passive Mode로 설정된 인터페이스는 상대 인터페이스가 전송하는 LACP 협상 패킷(LACPDU)을 수신만 하며, 협상이 성공되면 링크를 채널화한다. 따라서 LACP설정 시 반드시 한 장비는 Active 모드로 설정되어야 한다.
On Mode (활성 모드)	이더 채널의 협상 기능을 사용하지 않는 활성 모드이다. 인터페이스가 On 모드라면, 상대 인터페이스 역시 On 모드로 설정되어야 한다.



Linux bonding vs teaming for LACP

- LACP Active
- bond **Passive**
- team **Active**
- 가 **Active** bond LACP
- Passive mode
- Active mode

Active mode가
가 가
Passive mode

Active mode

https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/7/html/networking_guide/sec-configure_teamd_runners#sec-Configure_the_loadbalance_Runner

- https://blog.naver.com/song_sec/220292812592
- https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/7/html/networking_guide/sec-configure_teamd_runners#sec-Configure_the_loadbalance_Runner

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