

Apache Sticky Session (1)

```
# 모듈
LoadModule proxy_module modules/mod_proxy.so
LoadModule proxy_balancer_module modules/mod_proxy_balancer.so
LoadModule lbmethod_byrequests_module modules/mod_lbmethod_byrequests.so
LoadModule proxy_http_module modules/mod_proxy_http.so
```

```
# Proxypass 처리 방법 1번

<Proxy balancer://mycluster>
    BalancerMember http://backend1.example.com route=1
    BalancerMember http://backend2.example.com route=2

    ProxySet stickysession=JSESSIONID|jsessionid scolopathdelim=0n
</Proxy>

ProxyPass /test balancer://mycluster
ProxyPassReverse /test balancer://mycluster
```

ProxySet stickysession=JSESSIONID|jsessionid scolopathdelim=0n
위 옵션은 stickysession=JSESSIONID|jsessionid는 세션 ID가 JSESSIONID 또는 jsessionid로 표시되는 쿠키를 기반으로 sticky session을 사용

```
# Proxypass 처리 방법 2번

Header add Set-Cookie ROUTEID=.%{BALANCER_WORKER_ROUTE}e; path=/ env=BALANCER_ROUTE_CHANGED
<Proxy balancer://mycluster>
    BalancerMember http://192.168.1.50:8080 route=1
    BalancerMember http://192.168.1.51:8080 route=2
    ProxySet stickysession=ROUTEID
</Proxy>
ProxyPass /test balancer://mycluster
ProxyPassReverse /test balancer://mycluster
```

```
Failover설정 및 timeout 설정

<Proxy balancer://mycluster>
    BalancerMember http://192.168.1.50:80 route=1
    BalancerMember http://192.168.1.51:80 route=2
    ProxySet stickysession=ROUTEID failonstatus=500,503 timeout=5
</Proxy>

ProxyPass /test balancer://mycluster
ProxyPassReverse /test balancer://mycluster

# failover 설정
# failonstatus=500,503
HTTP 상태 코드 500, 503을 반환하게 되면 WAS에 대한 요청을 재시도

# timeout 설정은 여러가지 방법이 존재
1. BalancerMember http://192.168.1.51:80 route=2 timeout=5
2. ProxySet stickysession=ROUTEID failonstatus=500,503 timeout=5
```