

Setup a Cisco 7200 using dynamips, attached to br-lan.

Notes about load balancing:

- * We enable per-packet load sharing (not optimal on a real network)
- <http://blog.ipSPACE.net/2006/12/per-destination-or-per-packet-cef-load.html>
- Check out ip cef load-sharing algorithm <?>

* maximum-paths enables ECMP

See the lab for the router configuration

Sample config below:

```
- - - - -
hostname rtr1
no ip domain lookup
aaa new-model
enable secret 5 $1$p4/E$PnPk6VaF8QoZMhJx56oXs.
username cisco password 0 cisco
!
interface FastEthernet0/0
 ip address 10.10.0.222 255.255.0.0
 ip access-group 100 out
 ip load-sharing per-packet
 no ip redirects
 ip ospf 100 area 0
 speed auto
 duplex auto
!
router ospf 100
 redistribute connected subnets
 passive-interface default
 no passive-interface FastEthernet0/0
 maximum-paths 16
!
ip forward-protocol nd
!
no ip http server
no ip http secure-server
ip route 0.0.0.0 0.0.0.0 10.10.0.254
!
control-plane
!
line con 0
 exec-timeout 0 0
 stopbits 1
line aux 0
 exec-timeout 0 0
 stopbits 1
line vty 0 4
 exec-timeout 0 0
!
!
end
- - - - -
```