

Basics

At the beginning	ipv6 unicast-routing
LAN interfaces	ipv6 address 2001:ABCD:ABCD:XY::1/64
Loopback interfaces	ipv6 address 2001:ABCD:ABCD:XY::z /128
WAN interfaces	ipv6 address 2001:ABCD:ABCD:XY:::z/126
Enable IPv6 on Interface	ipv6 enable

OSPF

Hello Timer	ipv6 ospf hello 5
Area	ipv6 ospf 5 area 0
IPv6 router ospf	ipv6 router ospf xx
Cost and Bandwidth	auto-cost reference-bandwidth [mbit/s]
Router ID	router-id 10.xx.yy.10
Summary Router am ABR	area xx range 2001:ABCD:ABCD:XXYY::/56
Defaultroute	default-information originate

HSRP for IPv6

Version	standby version 2
Autoconfig	standby 1 ipv6 autoconfig
Priority	standby 1 priority 120
Delay (e.g. after 30 sec)	standby 1 preempt delay minimum 30
Set priority if specific interface is down	standby 1 track s0/0/0 90



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