

(Maximum What are the Default Priorities of Routes Routing Protocols in S9500 Serials

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To the same destination, different routing protocols (including static routing) may find different routes, but not all of them are the best. In fact, at one moment, the current \boldsymbol{r} oute to a destination can only be determined by a unique routing protocol. Thus, resp ective routing protocols (including static routing) are assigned different priorities. Whe n multiple routing information sources exist, the routing protocol with the highest priority will be responsible for finding the current route. The table below shows the ro uting protocols and default priorities of routes they find (the smaller the value is, the h igher the priority will be).

Routing protocols and default priorities

Routing protocol or routing types	Route priority
DIRECT	0
OSPF	10
IS-IS	15
STATIC	60
RIP	100
OSPF ASE	150
OSPF NSSA	150
IBGP	256
EBGP	256
UNKNOWN	255

0 means directly connected routes, while 255 means any of the routes from untrusted sources.