

Vlastnosti smerovacích protokolov

	RIPv1	RIPv2	IGRP	EIGRP	OSPF
Distance-vector / Link-state	Distance-vector	Distance-vector	Distance-vector	Hybrid	Link state
Classful / Classless	Classful	Classless	Classful	Classless	Classless
VLSM & CIDR	✗	✓	✗	✓	✓
Algoritmus	Bellman - Ford	Bellman - Ford	Bellman - Ford	DUAL	Dijkstra (SPF)
Podporované smerované protokoly	IP	IP	IP	IP, IPX AppleTalk	IP
Metrika	Hop count	Hop count	Bandwidth, Load Reliability, Delay	Bandwidth, Load Reliability, Delay	Bandwidth
Administrative distance	120	120	100	170 (Externé cesty) 90 (Interné cesty) 5 (Sumarizované)	110
Multicast / Broadcast	Broadcast	224.0.0.9	Broadcast	224.0.0.10	224.0.0.5 224.0.0.6 (DR)
Autentifikácia smerovacích updatov	✗	✓	✗	✓	✓
Rýchla konvergencia	✗	✗	✗	✓	✓
Count to infinity	>15	>15	>255	>224	✗
Triggered updates	✗	✗	✗	✓	✓
Holddown timers	✓	✓	✓	✗	✗
Split horizont	✓	✓	✓	✗	✗
Route poisoning	✓	✓	✓	✗	✗