orhanergun.net	OSPF	IS-IS	EIGRP	BGP
Scalablability	2 tier hierarchy , less scalable	2 tiers hierarchy , less scalable	Support many tiers and scalable	Most scalable routing protocol
Working on Full Mesh	Works well with mesh group	Works well with mesh group	Works very poorly, and there is no mesh group	Works very poorly, but RR removes the requirement
Working on a Ring Topology	Its okay	Its okay	Not good if ring is big due to query domain	Good with Route Reflector
Working on Hub and Spoke	Works poorly, require a lot of tuning	Works bad requires tuning	Works very well. It requires minimum tuning	IBGP works very well with Route Reflector
Fast Reroute Support	Yes - IP FRR	Yes - IP FRR	Yes - IP FRR and Feasible Successor	Requires BGP PIC + NHT + Best external + Add-Path
Suitable on WAN	Yes	Yes	Yes	Yes, but in very large scale or when policy is needed
Suitable on Datacenter	DCs are full mesh. So, No	DCs are full mesh so No	DCs are full mesh so no	Yes, in large scale DC and it is not uncommon
Suitable on Internet Edge	No it is designed as an IGP	No it is designed as an IGP	No, it is designed as an IGP	Yes, it is designed to be an Inter domain protocol
Standard Protocol	Yes IETF Standard	Yes IETF Standard	No, there is a draft but lack of Stub feature	Yes, IETF Standar
Stuff Experince	Very well known	Not well known	Well known	Not well known
Overlay Tunnel Support	Yes	Doesn't support IP tunnels	Yes	Yes
MPLS Traffic Engineering Support	Yes with CSPF	Yes, with CSPF	No	No
Security	Less secure	More secure since it is on layer2	Less secure	Secure since it runs on TCP
Suitable as Enterprise IGP	Yes	No, it lacks Ipsec	Yes	Not exactly, very large scale networks only
Suitable as Service Provider IGP	Yes	Definitely	No, it doesn't support Traffic Engineering	Maybe in the datacenter but not as an IGP
Complexity	Easy	Easy	Easy	Complex
Policy Support	Good	Good	Not so Good	Very good
Resource Requirement	SPF requires more processing power	SPF requires more processing power	DUAL doesn't need much power	Requires a lot of RAM and decent CPU
Extendibility	Not good	Good, thanks to TLV support	Good, thanks to TLV support	Very good, it supports 20 + address families
IPv6 Support	Yes	Yes	Yes	Yes
Default Convergece	Slow	Slow	Fast with Feasible Successor	Very slow
Training Cost	Cheap	Cheap	Cheap	Moderate
Troubleshooting	Easy	Very easy	Easy	Moderate
Routing Loop	Good protection	Good protection	Open to race condition	Good protection