

orhanergun.net	HSRP	VRRP	GLBP
Suitable on LAN	Yes	Yes	Yes
Suitable on Datacenter	Yes if layer 3 access is not used	Yes if layer 3 access is not used	Yes if layer 3 access is not used
Suitable on Internet Edge	Yes but there might be better options such as routing with the Firewall or router behind the firewall	Yes but there might be better options such as routing with the Firewall or router behind the firewall	No, it creates polarization issue. This explained in detail on Orhan Ergun's CCDE Course
Standard Protocol	No, Cisco proprietary	Yes IETF Standard	No, Cisco proprietary
Preemption Support by default	No, You need to configure it manually and preemption is important to avoid suboptimal traffic flow	Yes it is enabled by default and you can disable it on many vendor implementation	No, You need to configure it manually and preemption is important to avoid suboptimal traffic flow
Virtual IP and MAC	1 Virtual IP and 1 Virtual MAC	1 Virtual IP and 1 Virtual MAC	1 Virtual IP and Multiple Virtual MACs
Stuff Experience	Very well known	Well known	Not well known
Flow based load balancing	No	No	Yes, Active Virtual Gateway responds ARP requests with different Active Virtual Forwarder in an individual vlan
Vlan based load balancing	Yes with HSRP Groups	Yes with HSRP Groups	Yes with GLBP Groups
Transport Protocol	Multicast	Multicast	Multicast
Default Convergece	Slow - 10 seconds	Fastest but still slow for some applications - 3 seconds	Slow - 10 seconds
Security	MD5 Authentication	MD5 Authentication	MD5 Authentication
More than 2 device support	Yes	Yes	Yes
IPv6 Support	Yes	Yes with VRRP v3	Yes
Active Active Node Support	Yes with Anycast HSRP	Yes	Yes