

Compatibility Matrix

	c6500	c3750	c3560	c2960	hp1600m	hp224	hp2400m/2424m	hp2512/2524	hp2600-8/2626/2650	hp2810
Switch Feature										
STP	pvst+	pvst+	pvst+	pvst+	x	x	x	x	x	x
RSTP	rapid-pvst	rapid-pvst+	rapid-pvst+	Rapid-pvst+				x	x	x
MST	x	x	x	x					x	x
Root Guard	x	x	x	x					x	x
BPDU Filter	x	x	x	x					x	x
BPDU Guard	x	x	x	x					x	x
Portfast	x	x	x	x	x	x	x	x	x	x
Storm Control	x	x	x	x	bcast limit		bcast limit	bcast limit	bcast-limit (per switch)	bcast-limit
UDLD	x	x	x	x					link-keepalive	
Loopguard	x	x	x	x					x	x
Dhcp-snooping	x	x	x	x					x	
Arp-protect	x	x	x	x					x	
IPv6 support	x	x	x	x						

	hp2824/2848	Hp2900-24/48	hp3500yl	hp4000m/8000m	hp4104/4108gl	hp4208vl	hp5304xl	hp6108
Switch Feature								
STP	x	x	x	x	x	x		x
RSTP	x	x	x		x	x	x	
MST	x	x	x			x		
Root Guard	x	x	x			x	unknown	
BPDU Filter	x	x	x			x	x	
BPDU Guard	x	x	x			x	x	
Portfast	x	x	x	x	x	x	unknown	x
Storm Control	bcast-limit	Bcast-limit	bcast-limit	bcast limit	bcast limit (per switch)	bcast-limit (per switch)	unknown	bcast-limit (per switch)
UDLD	link-keepalive	Link-keepalive	link-keepalive			link-keepalive	link-keepalive	
Loopguard	x	x	x			x	x	
dhcp-snooping	x	x	x			x	x	
arp-protect	x	x	x			x	x	
IPv6 support		x	x				unknown	unknown

Note: This table assumes that all of the switches are using the most recent firmware version (as of 10/30/2007).

Note: broadcast-limiting on the HPs refers to non-unicast packets, i.e. the sum of broadcast and multicast packets on an interface. The action is to drop the packets.

Note: storm-control on the Cisco devices, depending on the ios, operates per multicast, broadcast or unicast. I.e. they can have separated thresholds. There are different actions to take when the threshold is hit. 1) send an snmp trap and block the traffic, 2) shutdown the port, 3) no alerts and drop the packets.