



Independent 3rd Party Lab Test* (“Bake-off”)

Cisco 200 and 300 Series Switches versus HP E2620, E2810, E2520, E2510, E1810



Results

Cisco proven **superior** in: performance, usability, energy consumption, resiliency, price/performance (overall value), advanced features

“Cisco delivered the **highest capacity and scalability**”

“The Cisco switches provided the **best resiliency when subjected to a DoS attack**”

“Cisco switches can be seen as **more economical**”

“They were the **most energy efficient**”

“The Cisco switches were the **easiest to configure and implement**”

“...forwarded line rate full mesh traffic at all frame sizes with zero packet loss”

“...provided the most **extensive support for IPv6 transitions**”

“We were impressed with the **comprehensive set of features, performance, overall power efficiency, and ease-of-use of the Cisco switches**”

Cisco Advantages Over HP

HP E2620-24 (J9623A) versus:		HP E2520G-24-POE (J9138A) versus:	
Cisco SF300-24	Cisco SF500-24	Cisco SF300-24P	Cisco SF500-24
<ul style="list-style-type: none"> • More energy efficient • Zero touch–Cisco Discovery Protocol (CDP), Auto Smartports, Network Auto voice • Advanced capabilities–VLAN Mirror, Q-in-Q, IGMP Querier, IPSG, MVR • Lower priced/better value 	<ul style="list-style-type: none"> • More energy efficient • True stacking versus HP Clustering • Zero touch–CDP, Auto Smartports, Network Auto voice • Advanced capabilities–IPSG, Q-in-Q, MVR, VLAN Mirror, etc. • Lower priced/better value 	<ul style="list-style-type: none"> • More energy efficient • Zero touch–CDP, Auto Smartports, Network Auto voice • Advanced capabilities–VLAN Mirror, Q-in-Q, IGMP Querier, ACL, IPSG, DAI, MVR, DHCP Snooping • Larger table sizes • Lower priced/better value 	<ul style="list-style-type: none"> • More energy efficient • True stacking versus HP Clustering • Zero touch–CDP, Auto Smartports, Network Auto voice • Advanced capabilities–IPSG, Q-in-Q, MVR, VLAN Mirror, ACL, DHCP Snooping, DAI, etc.
HP E2510-48G (J9280A) versus:		HP E2910a1-24G (J9245A):	
Cisco SG300-52	Cisco SG500-52	Cisco SG500-28	Cisco SG500X-24
<ul style="list-style-type: none"> • More energy efficient • Zero touch–CDP, Auto Smartports, Network Auto voice • IPv6–protect your investment • Advanced capabilities–VLAN Mirror, Q-in-Q, IGMP Querier, L3, DAI, IPSG, MVR • Larger table sizes • Lower priced/better value 	<ul style="list-style-type: none"> • More energy efficient • True stacking versus HP Clustering • Zero touch–CDP, Auto Smartports, Network Auto voice • IPv6–protect your investment • Advanced capabilities–IPSG, Q-in-Q, MVR, VLAN Mirror, ACL, DHCP Snooping, DAI, etc. 	<ul style="list-style-type: none"> • More energy efficient • True stacking versus HP Clustering • Zero touch–CDP, Auto Smartports, Network Auto voice • Advanced capabilities–VLAN Mirror, MVR • Time-based ACLs, Port Operation, 802.1x • USGv6/IPv6 Gold • Lower priced/better value 	<ul style="list-style-type: none"> • More energy efficient • True stacking versus HP Clustering • Zero touch–CDP, Auto Smartports, Network Auto voice • Advanced capabilities–VRRP, MVR, VLAN Mirror, etc • Time-based ACLs, Port Operation, 802.1x • USGv6/IPv6 Gold • Lower priced/better value

For full report visit, <http://miercom.com/pdf/reports/20120119.pdf>

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