

知 Aruba 2540与HPE/Aruba 2610/2620交换机硬件性能对比

其他硬件相关 孙轲 2023-02-02 发表

问题描述

Q: Aruba 2540与HPE/Aruba 2610/2620交换机硬件性能对比

解决方法

A: Aruba 2540的硬件参数和软件功能可以完全覆盖2600系列产品, 主要硬件参数对比如下;

Aruba 2540与2620交换机系统固件目前在Aruba官网 (<https://asp.arubanetworks.com/>) 有周期性更新, 2610交换机固件已停止更新。2023.2.1

Aruba 2540 24G 4SFP+ Switch (JL354A)	Aruba 2620 24 Switch (J9623A)	HP 2610-24 Switch (J9085A)
1000 Mb Latency	100 Mb Latency	100 Mb Latency
< 3.8 μ s (64-byte packets)	< 8.3 μ s (64-byte packets)	< 4.1 μ s (LIFO)
10 Gbps Latency	1000 Mb Latency	1000 Mb Latency
< 1.6 μ s (64-byte packets)	< 2.9 μ s (64-byte packets)	< 2.9 μ s (LIFO)
Throughput	Throughput	Throughput
up to 95.2 Mpps	up to 9.5 Mpps	up to 9.5 Mpps
Switching capacity	Routing/Switching capacity	Routing/Switching capacity
128 Gbps	12.8 Gbps	12.8 Gbps
Routing table size	N/A	Routing table size
2000 entries (IPv4), 1000 entries (IPv6)		8000 entries
MAC address table size	MAC address table size	N/A
16384 entries	16000 entries	

