DCYK 5400R ZL2



IEEE 802.11ac DCYK
DCYK 5400R zl2

VSF
5400R VSF
2 3
OSPF IPv6 IPv4 BGP QoS

ProVision ASIC DCYK 5400R zl2
2 Tbps 2.1µ
SDN
6 12
40GbE 96 10GbE 288 PoE
+ 5400R DCYK
ClearPass Policy Manager DCYK AirWave
DCYK Central

REST API
1.3

DCYK ClearPass Policy Manager

DCYK
VLAN CoS PoE PoE

QoS
ClearPass

DCYK 3 VSF

DCYK IEEE 802.3bz
PoE+
40GbE
REST API SDN
ClearPass AirWave Central

DCYK
PUTN ClearPass

DCYK
IP ClearPass IP

QoS
QoS 2 3 4
QoS
VLAN

-
  - /
  - ACL

  -
- CoS IP IP ToS
  TCP/UDP IEEE 802.1p

-
  VLAN

- DCYK Central

- ZTP DCYK Activate
  DHCP AirWave

- -
  Central

- IP SLA IP SLAj18C67.9872.250.225 -1 <4D3 Td <11B907908D8807BCD01 1 732

- 2 Tbps ProVision ASIC 785,700,000 PPS
-
-
- VSF LACP STP ECMP VRRP v3
-
- v3 VSF
- VRRP IPV4 IPV6
-
- OSPFv2/v3 VRRP
-
- IEEE 802.1s VLAN IEEE 802.1D
- IEEE 802.3ad LACP 144 8
-
-
-
- DCYK zl
- NIC
- SmartLink
- VLAN IEEE 802.1Q 4094 VLAN
- IEEE 802.1v VLAN IPv4 VLAN
- VxLAN v3
- GVRP MVRP VLAN
- IEEE 802.1ad Q-in-Q LAN
- MAC VLAN RADIUS MAC / VLAN V2
- VLAN RPVST+ VLAN PVST+
- DCYK V2
- BFD OSPFv2 VRRP v3
- UDP UDP IP UDP DHCP
- RIP OSPF
-
- DHCP IPv4

- IP IPv4 IPv6
- RIP RIPv1 RIPv2 RIPng
- OSPF IPv4 OSPFv2 IPv6 OSPFv3
- v2
- BGP IPv4

- Control Plane DOS CPU
- ACL VLAN IP / IP / / TCP/UDP
-
  - IEEE 802.1X IEEE 802.1X
  - Web IEEE 802.1X Web
  - MAC RADIUS MAC
  - IEEE 802.1X Web MAC 32 IEEE 802.1X Web MAC
- VLAN / VLAN ID MAC
- DHCP DHCP DHCP

- SSHv2 SSL / SNMPv3 CLI GUI MIB
- CPU
- ICMP ICMP ICMP
- ACL VLAN

- STP BPDU BPDU BPDU BPDU
- IP DHCP IP
- ARP ARP
- STP STP Root Guard Root Bridge
- 10
- MAC
- MAC MAC
-
- RADIUS/TACACS+
- IP CLI
- SSL HTTP GUI
- FTP
- AAA
- IP RADIUS
- MAC MAC

- SNMP Telnet SSH SSL Web USB
- RADIUS TACACS+ CLI
-
- IEEE 802.1AE MACsec v3 1Gbps 10Gbps

BGP

- RFC 1997 BGP
- RFC 2918
- RFC 4271 4 BGP-4
- RFC 4456 BGP BGP IBGP
- RFC 5492 BGP-4

- RFC 1591 DNS
- HTML telnet
- RFC 2576 SNMP V1 V2 V3
- RFC 2579 SMIv2
- RFC 2580 SMIv2
- RFC 3416 SNMP v2

- IEEE 802.1ad Q-in-Q
- IEEE 802.1AX-2008
- IEEE 802.1D MAC
- IEEE 802.1p
- IEEE 802.1Q VLAN
- IEEE 802.1s
- IEEE 802.1v VLAN

- IEEE 802.3ad LACP
- IEEE 802.3af
- IEEE 802.3az
- IEEE 802.3bz 2.5 Gbps 5 Gbps
- IEEE 802.3x
- RFC 768 UDP
- RFC 783 TFTP 2
- RFC 792 ICMP
- RFC 793 TCP
- RFC 826 ARP
- RFC 854 TELNET
- RFC 868
- RFC 951 BOOTP
- RFC 1058 RIPv1
- RFC 1350 TFTP 2
- RFC 1519 CIDR
- RFC 1542 BOOTP
- RFC 1918
- RFC 2030 SNTP v4
- RFC 2131 DHCP
- RFC 2453 RIPv2
- RFC 2548 MS-RAS-
- RFC 3046 DHCP
- RFC 3575 RADIUS IANA
- RFC 3576 RADIUS CoA
- RFC 3768 VRRP
- RFC 4675 RADIUS VLAN & UDLD
- RFC 5880 BFD
- RFC 5905 NTP

IP

- RFC 3376 IGMPv3
- RFC 3973 PIM
- RFC 4601 PIM

IPv6

- RFC 1981 IPv6 MTU
- RFC 2375 IPv6
- RFC 2080 IPv6 RIPng
- RFC 2081 RIPng
- RFC 2082 RIP-2 MD5
- RFC 2460 IPv6
- RFC 2464 IPv6
- RFC 2710 IPv6 MLD
- RFC 2925 Ping PING

- RFC 3019 MLDv1 MIB
- RFC 3315 DHCPv6
- RFC 3484 IPv6
- RFC 3587 IPv6
- RFC 3596 IPv6 DNS
- RFC 3810 IPv6 MLDv2
- TCP 4022 TCP MIB
- RFC 4087 IP MIB
- RFC 4113 UDP MIB
- RFC 4213 IPv6
- RFC 4251 SSHv6
- RFC 4252 SSHv6
- RFC 4253 SSHv6
- RFC 4254 SSHv6
- RFC 4291 IP 6
- RFC 4293 IP MIB
- RFC 4294 IPv6
- RFC 4419 SSH
- RFC 4443 ICMPv6
- RFC 4541 IGMP MLD
- RFC 4861 IPv6

- RFC 4862 IPv6
- RFC 5095 IPv6 0
- RFC 5340 IPv6 OSPFv3
- RFC 5453 IPv6
- RFC 5519 MIB MLDv2
- RFC 5722 IPv6
- RFC 6620 FCFS SAVI
- IETF

MIBs

- IEEE 802.1ap MSTP STP MIB
- IEEE 8021- -MIB 2008
- IEEE 8021-Q- -MIB 2008
- RFC 1155 TCP/IP ID
- RFC 1213 MIB II
- RFC 1493 MIB
- RFC 1724 RIPv2 MIB
- RFC 1850 OSPFv2 MIB
- RFC 2021 RMONv2 MIB
- RFC 2096 IP MIB
- RFC 2578 2 SMIv2
- RFC 2613 SMON MIB
- RFC 2618 RADIUS MIB
- RFC 2620 RADIUS MIB
- RFC 2665 MIB
- RFC 2668 802.3 MAU MIB
- RFC 2674 802.1p IEEE 802.1Q MIB
- RFC 2737 MIB 2
- RFC 2787 VRRP MIB
- RFC 2863 MIB
- RFC 2925 Ping MIB
- RFC 2932 IP MIB
- RFC 2933 IGMP MIB
- RFC 4292 IP MIB
- RFC 4836 802.3 MAU
- RFC 7331 BFD MIB

- IEEE 802.1AB LLDP
- RFC 2819 RMON 1 2 3
  9

- RFC 3411 SNMP
- RFC 3412 SNMP
- RFC 3413 SNMP
- RFC 3414 3 SNMPv3