Hewlett Packard Enterprise

HPE aruba networking

HPE Aruba Networking CX 8100 Switch Series - VRF and L3VNI Scale Improvements

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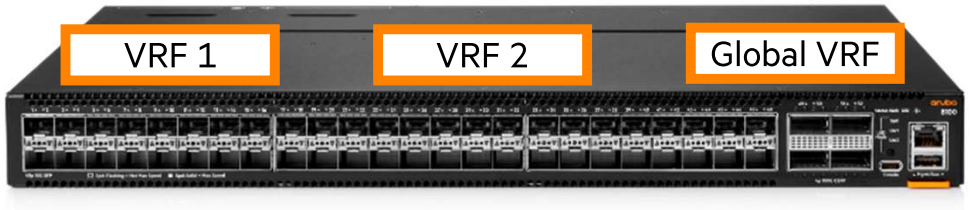
Agenda

1	Overview
2	L3VNI (virtual network interface) Scale Improvements – 10.13

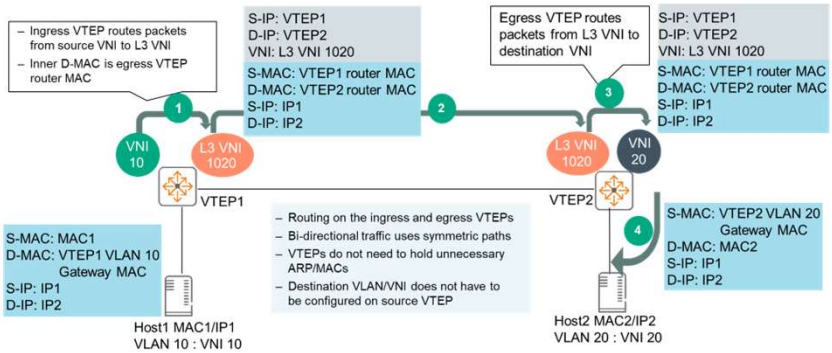
Overview

VRF (Virtual Routing and Forwarding) & L3VNI (virtual network interface)

- Virtual routing and forwarding (VRF) is a technology included in Internet Protocol (IP) network routers/switches that enables multiple instances of a routing table to exist and work simultaneously.
- This functionality increases connectivity by enabling network paths to be segmented without using multiple devices. Because traffic is automatically segregated, VRF also increases network security.



- L3VNI is a routed VNI which is used when traffic is moving between two different L3VNI (subnets), so this will have an IP associated which is used for routing purposes



Scale Improvements – 10.13

VRF and L3VNI Scale Improvements – 10.13

- **HPE Aruba Networking CX 8100 Switch** - VRF scale has changed from 8 to 64 (including default+mgmt.)

- **HPE Aruba Networking CX 8100 Switch** – L3VNI scale has changed from 8 to 62.

Short Description	Long Description	SKU	Comments
HPE ANW 8100-24XF4C FB3F2AC Bdl	HPE Aruba Networking CX 8100 24x10GSFP+ 4x40/100G QSFP28 FB 3 Fan 2ACPSU SW Bundle	R9W86A	Note: 3 fans per switch model
HPE ANW 8100-24XF4C BF3F2AC Bdl	HPE Aruba Networking CX 8100 24x10GSFP+ 4x40/100G QSFP28 BF 3 Fan 2ACPSU SW Bundle	R9W87A	
HPE ANW 8100-24XT4XF4C FB3F2AC Bdl	HPE Aruba Networking CX 8100 24x10GBase-T 4x10GSFP+ 4x40/100G QSFP28 FB 3 Fan 2ACPSU SW Bundle	R9W88A	
HPE ANW 8100-24XT4XF4C BF3F2AC Bdl	HPE Aruba Networking CX 8100 24x10GBase-T 4x10GSFP+ 4x40/100G QSFP28 BF 3 Fan 2ACPSU SW Bundle	R9W89A	
HPE ANW 8100-48XF4C FB3F2AC Bdl	HPE Aruba Networking CX 8100 48x10GSFP+ 4x40/100G QSFP28 FB 3 Fan 2ACPSU SW Bundle	R9W90A	
HPE ANW 8100-48XF4C BF3F2AC Bdl	HPE Aruba Networking CX 8100 48x10GSFP+ 4x40/100G QSFP28 BF 3 Fan 2ACPSU SW Bundle	R9W91A	
HPE ANW 8100-40XT8XF4C FB3F2AC Bdl	HPE Aruba Networking CX 8100 40x10GBase-T 8x10GSFP+ 4x40/100G QSFP28 FB 3 Fan 2ACPSU SW Bundle	R9W92A	
HPE ANW 8100-40XT8XF4C BF3F2AC Bdl	HPE Aruba Networking CX 8100 40x10GBase-T 8x10GSFP+ 4x40/100G QSFP28 BF 3 Fan 2ACPSU SW Bundle	R9W93A	
HPE ANW 8100-24XF4C Switch	HPE Aruba Networking CX 8100 24x10GSFP+ 4x40/100G QSFP28 Switch	R9W94A	Created for spares
HPE ANW 8100-24XT4XF4C Switch	HPE Aruba Networking CX 8100 24x10GBase-T 4x10GSFP+ 4x40/100G QSFP28 Switch	R9W95A	Created for spares
HPE ANW 8100-48XF4C Switch	HPE Aruba Networking CX 8100 48x10GSFP+ 4x40/100G QSFP28 Switch	R9W96A	Created for spares
HPE ANW 8100-40XT8XF4C Switch	HPE Aruba Networking CX 8100 40x10GBase-T 8x10GSFP+ 4x40/100G QSFP28 Switch	R9W97A	Created for spares

Thank you

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