

UNUM 6.0.x Supported Features Table

This table lists all of the features of UNUM that are supported in the current 6.0.x release

UNUM-LIC	Scalability	Single VM	# of Fabrics ⁷	5	
		Single VM	# of Switches	50	
		DELL VEP 4600 ⁶	# of Fabrics ⁷	5	
		DELL VEP 4600 ⁶	# of Switches	50	
		Super Fabric with VMWare HA cluster ^{8,9}	# of Fabrics ⁷	7	
		Super Fabric with VMWare HA cluster ^{8,9}	# of Switches	70	
		Cluster Appliance ⁹	# of Fabrics ⁷	10	
		Cluster Appliance ⁹	# of Switches	100	
	Automated Fabric Creation	Single VM, DELL VEP 4600, Cluster Appliances	Seed switch		Y
			Netvisor Fabric		Y
			Enterprise Fabric		Y
			QuickStart		Y
	Fabric Management	Fabric / Misc.	ZTP Server		Y
			ZTP Switch		Y
			Collector Management		Y
			Mesh Ping Validation		EFT
			Help Button - Embedded Documentation		Y
			All Notification		Y
			Manage Transactions /Nodes		Y
		Layer 1	Switch Port Management		Y
			Port Status		Y
			Switch Mode (L1 VW Store & Forward)		Y
			L1 VW Port Association		Y
		Layer 2	Manage STP		Y
			STP Ports		Y
			STP States		Y
			Manage VLAN		Y
			VLAN Ports		Y
LACP/Trunks				Y	
Manage vLAG				Y	
Manage LLDP				Y	
Manage Cluster				Y	
Manage Mac Limiting			Y		
Manage Port Storm Control			Y		

		Layer 3	Manage vRouters	Y	
			vRouter Interfaces	Y	
			Routing Table	Y	
			Forwarding Table	Y	
			Manage OSPF	Y	
			OSPF Neighbors	Y	
			Manage BGP	Y	
			BGP Neighbors	Y	
			Manage Static Routing	Y	
			Manage VXLAN Tunnels	Y	
			Add VXLAN to Tunnel	Y	
			Manage VTEP	Y	
			Add VXLAN to VTEP	Y	
			VTEP Auto VXLAN	Y	
			Security/ Monitoring	SNMP Communities	Y
		SNMP Users		Y	
		SNMP Trap Sinks		Y	
		SNMP v3 Trap Sinks		Y	
		SNMP VACM		Y	
		Manage Syslogs		Y	
		Syslog Matches		Y	
		Log Events		Y	
		Manage Mirror		Y	
		Manage vFlow		Y	
		System vFlows		Y	
		Manage sFlow		Y	
		sFlow Collector		Y	
		sFlow Ports		Y	
		Services	Manage Admin Services	Y	
			Manage System Settings	Y	
			Manage VLE (IP Virtual Wire)	Y	
			QOS - CoS, Extended Queues, DSCP Marking	Y	
		Dashboards	Monitoring	Fabric Health	Y
				Topology	Y
			Provisioning/ Monitoring	IP VirtualWire (virtual link extension)	Y

	Switch Analytics	Traffic	Port Stats	Y
			Policy Stats (vFlow)	Y
			Tunnel Stats	Y
		End Points	vPorts	Y
		Notifications	Syslog	Y
			SNMP	EFT
		System	CPU/Memory Stats	Y
Connectivity	Ping Stats	Y		
IA-MOD-LIC	Scalability	IA Ingestion	1K CPS* - OVA 10K CPS* - High-Capacity Appliance	Y
	Insight Analytics	Flow Analytics	Connections Dashboard TCP flows	Y
			Traffic Dashboard TCP flows	Y
			Dynamic Flow Mapping Dashboard	Y
			Custom Tagging - Dashboard	Y
			Report Dashboard (capacity planning)	Y
			sFlow Connection Dashboard for UDP flows	Y
			VMware Connections Dashboard TCP flows	EFT
			VMware Traffic Dashboard TCP flows	EFT
			VMWare Dynamic Flow Mapping Dashboard	EFT
UNUM - ARCHIVER-LIC	UNUM Archiver		Insight Analytics, Switch Analytics, Fabric Health Dashboard and Topology view	Y
UNUM-ALRT-LIC	Alerts		For Insight Analytics	Y
			For Switch Analytics	Y
UNUM-RPRT-LIC	Report		For Insight Analytics	Y
			For Switch Analytics	Y

Other Notes:

1. The Insight Analytics database stores Flow Connections related data for 30 days.
2. The Switch Analytics database stores Port Stats, Tunnel Stats, SNMP, Syslog, CPU/Memory and Ping Stats for 7 days.
3. Early field trial or **EFT** features are intended for test environments and are not supported for use in production networks. You should consult your local partner or Pluribus Networks account team before using any EFT feature, or to provide feedback.
4. A “planned for” feature is in EFT but is being targeted for general support in the specified release.
5. **CPS** = connections per second.
6. The DELL VEP 4600 is purchased directly from DELL and requires a specific configuration. Please refer to the hardware requirements and specifications table in the [UNUM platform data sheet](#), for details.
7. UNUM can only support one direct in-band fabric connection via the eth2 interface. Management of multiple In-band fabrics requires the addition of an external switch.
8. The Super Fabric supports up to 64 leafs and 4-6 spines.
9. The high availability and high capacity clusters require dedicated servers.