

# Juniper Vendor Specific Attributes in FreeRADIUS

This table shows how the different Juniper VSAs are called in different FreeRADIUS versions.

Attribute Number	Official Juniper VSA Name	FreeRADIUS 2.x.x	FreeRADIUS 3.0.x	FreeRADIUS 3.2.x	FreeRADIUS 4.0-alpha1
26.4874.1	Virtual-Router	ERX-Virtual-Router-Name	ERX-Virtual-Router-Name	ERX-Virtual-Router-Name	Vendor-Specific.Unisphere.Virtual-Router
26.4874.2		ERX-Address-Pool-Name	ERX-Address-Pool-Name	ERX-Address-Pool-Name	Vendor-Specific.Unisphere.Local-Address-Pool
26.4874.3		ERX-Local-Loopback-Interface	ERX-Local-Loopback-Interface	ERX-Local-Loopback-Interface	Vendor-Specific.Unisphere.Local-Interface
26.4874.4	Primary-DNS	ERX-Primary-Dns	ERX-Primary-Dns	ERX-Primary-Dns	Vendor-Specific.Unisphere.Primary-Dns
26.4874.5	Secondary-DNS	ERX-Secondary-Dns	ERX-Secondary-Dns	ERX-Secondary-Dns	Vendor-Specific.Unisphere.Secondary-Dns
26.4874.6	Primary-WINS	ERX-Primary-Wins	ERX-Primary-Wins	ERX-Primary-Wins	Vendor-Specific.Unisphere.Primary-Wins
26.4874.7	Secondary-WINS	ERX-Secondary-Wins	ERX-Secondary-Wins	ERX-Secondary-Wins	Vendor-Specific.Unisphere.Secondary-Wins
26.4874.8	Tunnel-Virtual-Router	ERX-Tunnel-Virtual-Router	ERX-Tunnel-Virtual-Router	ERX-Tunnel-Virtual-Router	Vendor-Specific.Unisphere.Tunnel-Virtual-Router
26.4874.9	Tunnel-Password	ERX-Tunnel-Password	ERX-Tunnel-Password	ERX-Tunnel-Password	Vendor-Specific.Unisphere.Tunnel-Password
26.4874.10	Ingress-Policy-Name	ERX-Ingress-Policy-Name	ERX-Ingress-Policy-Name	ERX-Ingress-Policy-Name	Vendor-Specific.Unisphere.Ingress-Policy-Name
26.4874.11	Egress-Policy-Name	ERX-Egress-Policy-Name	ERX-Egress-Policy-Name	ERX-Egress-Policy-Name	Vendor-Specific.Unisphere.Egress-Policy-Name
26.4874.12		ERX-Ingress-Statistics	ERX-Ingress-Statistics	ERX-Ingress-Statistics	Vendor-Specific.Unisphere.Ingress-Statistics
26.4874.13		ERX-Egress-Statistics	ERX-Egress-Statistics	ERX-Egress-Statistics	Vendor-Specific.Unisphere.Egress-Statistics
26.4874.14		ERX-Atm-Service-Category	ERX-Atm-Service-Category	ERX-Atm-Service-Category	Vendor-Specific.Unisphere.Service-Category
26.4874.15		ERX-Atm-PCR	ERX-Atm-PCR	ERX-Atm-PCR	Vendor-Specific.Unisphere.PCR
26.4874.16		ERX-Atm-SCR	ERX-Atm-SCR	ERX-Atm-SCR	Vendor-Specific.Unisphere.SCR
26.4874.17		ERX-Atm-MBS	ERX-Atm-MBS	ERX-Atm-MBS	Vendor-Specific.Unisphere.MBS
26.4874.18		ERX-ClI-Initial-Access-Level	ERX-ClI-Initial-Access-Level	ERX-ClI-Initial-Access-Level	Vendor-Specific.Unisphere.Init-ClI-Access-Level
26.4874.19		ERX-ClI-Allow-All-VR-Access	ERX-ClI-Allow-All-VR-Access	ERX-ClI-Allow-All-VR-Access	Vendor-Specific.Unisphere.Allow-All-VR-Access
26.4874.20		ERX-Alternate-ClI-Access-Level	ERX-Alternate-ClI-Access-Level	ERX-Alternate-ClI-Access-Level	Vendor-Specific.Unisphere.Alt-ClI-Access-Level
26.4874.21		ERX-Alternate-ClI-Vrouter-Name	ERX-Alternate-ClI-Vrouter-Name	ERX-Alternate-ClI-Vrouter-Name	Vendor-Specific.Unisphere.Alt-ClI-VRouter-Name
26.4874.22		ERX-Sa-Validate	ERX-Sa-Validate	ERX-Sa-Validate	Vendor-Specific.Unisphere.SA-Validate
26.4874.23	IGMP-Enable	ERX-Igmp-Enable	ERX-Igmp-Enable	ERX-Igmp-Enable	Vendor-Specific.Unisphere.Igmp-Enable
26.4874.24	PPPoE-Description	ERX-Pppoe-Description	ERX-Pppoe-Description	ERX-Pppoe-Description	Vendor-Specific.Unisphere.Pppoe-Description
26.4874.25	Redirect-VRouter-Name	ERX-Redirect-VR-Name	ERX-Redirect-VR-Name	ERX-Redirect-VR-Name	Vendor-Specific.Unisphere.Redirect-VRouter-Name
26.4874.26		ERX-Qos-Profile-Name	ERX-Qos-Profile-Name	ERX-Qos-Profile-Name	Vendor-Specific.Unisphere.Qos-Profile-Name
26.4874.27		ERX-Pppoe-Max-Sessions	ERX-Pppoe-Max-Sessions	ERX-Pppoe-Max-Sessions	Vendor-Specific.Unisphere.Pppoe-Max-Sessions
26.4874.28		ERX-Pppoe-Url	ERX-Pppoe-Url	ERX-Pppoe-Url	Vendor-Specific.Unisphere.Pppoe-Url
26.4874.29		ERX-Qos-Profile-Interface-Type	ERX-Qos-Profile-Interface-Type	ERX-Qos-Profile-Interface-Type	Vendor-Specific.Unisphere.Qos-Profile-Interface-Type
26.4874.30	Tunnel-Nas-Port-Method	ERX-Tunnel-Nas-Port-Method	ERX-Tunnel-Nas-Port-Method	ERX-Tunnel-Nas-Port-Method	Vendor-Specific.Unisphere.Nas-Port-Method
26.4874.31	Service-Bundle	ERX-Service-Bundle	ERX-Service-Bundle	ERX-Service-Bundle	Vendor-Specific.Unisphere.Service-Bundle
26.4874.32		ERX-Tunnel-Tos	ERX-Tunnel-Tos	ERX-Tunnel-Tos	Vendor-Specific.Unisphere.Tunnel-Tos
26.4874.33	Tunnel-Max-Sessions	ERX-Tunnel-Maximum-Sessions	ERX-Tunnel-Maximum-Sessions	ERX-Tunnel-Maximum-Sessions	Vendor-Specific.Unisphere.Tunnel-Max-Sessions
26.4874.34	Framed-IP-Route-Tag	ERX-Framed-Ip-Route-Tag	ERX-Framed-Ip-Route-Tag	ERX-Framed-Ip-Route-Tag	Vendor-Specific.Unisphere.Framed-Ip-Route-Tag
26.4874.35		ERX-Dial-Out-Number	ERX-Dial-Out-Number	ERX-Dial-Out-Number	Vendor-Specific.Unisphere.Tunnel-Dialout-Number
26.4874.36		ERX-PPP-Username	ERX-PPP-Username	ERX-PPP-Username	Vendor-Specific.Unisphere.PPP-Username
26.4874.37		ERX-PPP-Password	ERX-PPP-Password	ERX-PPP-Password	Vendor-Specific.Unisphere.PPP-Password
26.4874.38		ERX-PPP-Auth-Protocol	ERX-PPP-Auth-Protocol	ERX-PPP-Auth-Protocol	Vendor-Specific.Unisphere.PPP-Protocol
26.4874.39		ERX-Minimum-BPS	ERX-Minimum-BPS	ERX-Minimum-BPS	Vendor-Specific.Unisphere.Tunnel-Min-Bps
26.4874.40		ERX-Maximum-BPS	ERX-Maximum-BPS	ERX-Maximum-BPS	Vendor-Specific.Unisphere.Tunnel-Max-Bps
26.4874.41		ERX-Bearer-Type	ERX-Bearer-Type	ERX-Bearer-Type	Vendor-Specific.Unisphere.Tunnel-Bearer-Type
26.4874.42	Input-Gigapackets	ERX-Input-Gigapkts	ERX-Input-Gigapkts	ERX-Input-Gigapkts	Vendor-Specific.Unisphere.Input-Gigapackets
26.4874.43	Output-Gigapackets	ERX-Output-Gigapkts	ERX-Output-Gigapkts	ERX-Output-Gigapkts	Vendor-Specific.Unisphere.Output-Gigapackets
26.4874.44		ERX-Tunnel-Interface-Id	ERX-Tunnel-Interface-Id	ERX-Tunnel-Interface-Id	Vendor-Specific.Unisphere.Tunnel-Interface-Id
26.4874.45		ERX-IpV6-Virtual-Router	ERX-IpV6-Virtual-Router	ERX-IpV6-Virtual-Router	Vendor-Specific.Unisphere.IpV6-Virtual-Router
26.4874.46		ERX-IpV6-Local-Interface	ERX-IpV6-Local-Interface	ERX-IpV6-Local-Interface	Vendor-Specific.Unisphere.IpV6-Local-Interface
26.4874.47	Ipv6-Primary-DNS	ERX-Ipv6-Primary-Dns	ERX-Ipv6-Primary-Dns	ERX-Ipv6-Primary-Dns	Vendor-Specific.Unisphere.Ipv6-Primary-Dns
26.4874.48	Ipv6-Secondary-DNS	ERX-Ipv6-Secondary-Dns	ERX-Ipv6-Secondary-Dns	ERX-Ipv6-Secondary-Dns	Vendor-Specific.Unisphere.Ipv6-Secondary-Dns
26.4874.49		Sdx-Service-Name	Sdx-Service-Name	Sdx-Service-Name	Vendor-Specific.Unisphere.Service-Name
26.4874.50		Sdx-Session-Volume-Quota	Sdx-Session-Volume-Quota	Sdx-Session-Volume-Quota	Vendor-Specific.Unisphere.Session-Volume-Quota
26.4874.51	Disconnect-Cause	Sdx-Tunnel-Disconnect-Cause-Info	Sdx-Tunnel-Disconnect-Cause-Info	Sdx-Tunnel-Disconnect-Cause-Info	Vendor-Specific.Unisphere.Disconnect-Cause
26.4874.52		ERX-Radius-Client-Address	ERX-Radius-Client-Address	ERX-Radius-Client-Address	Vendor-Specific.Unisphere.Radius-Client-Address
26.4874.53		ERX-Service-Description	ERX-Service-Description	ERX-Service-Description	Vendor-Specific.Unisphere.Service-Description
26.4874.54		ERX-L2tp-Recv-Window-Size	ERX-L2tp-Recv-Window-Size	ERX-L2tp-Recv-Window-Size	Vendor-Specific.Unisphere.L2tp-Recv-Window-Size
26.4874.55	DHCP-Options	ERX-Dhcp-Options	ERX-Dhcp-Options	ERX-Dhcp-Options	Vendor-Specific.Unisphere.Dhcp-Options
26.4874.56	DHCP-MAC-Address	ERX-Dhcp-Mac-Addr	ERX-Dhcp-Mac-Addr	ERX-Dhcp-Mac-Addr	Vendor-Specific.Unisphere.Dhcp-Mac-Addr
26.4874.57	DHCP-GI-Address	ERX-Dhcp-Gi-Address	ERX-Dhcp-Gi-Address	ERX-Dhcp-Gi-Address	Vendor-Specific.Unisphere.Dhcp-Gi-Address
26.4874.58	LI-Action	ERX-LI-Action	ERX-LI-Action	ERX-LI-Action	Vendor-Specific.Unisphere.LI-Action
26.4874.59	Med-Dev-Handle	ERX-Med-Dev-Handle	ERX-Med-Dev-Handle	ERX-Med-Dev-Handle	Vendor-Specific.Unisphere.Med-Dev-Handle
26.4874.60	Med-IP-Address	ERX-Med-Ip-Address	ERX-Med-Ip-Address	ERX-Med-Ip-Address	Vendor-Specific.Unisphere.Med-Ip-Address
26.4874.61	Med-Port-Number	ERX-Med-Port-Number	ERX-Med-Port-Number	ERX-Med-Port-Number	Vendor-Specific.Unisphere.Med-Port-Number
26.4874.62		ERX-MLPPP-Bundle-Name	ERX-MLPPP-Bundle-Name	ERX-MLPPP-Bundle-Name	Vendor-Specific.Unisphere.MLPPP-Bundle-Name
26.4874.63	Interface-Desc	ERX-Interface-Desc	ERX-Interface-Desc	ERX-Interface-Desc	Vendor-Specific.Unisphere.Interface-Desc
26.4874.64	Tunnel-Group	ERX-Tunnel-Group	ERX-Tunnel-Group	ERX-Tunnel-Group	Vendor-Specific.Unisphere.Tunnel-Group
26.4874.65	Activate-Service	ERX-Service-Activate	ERX-Service-Activate	ERX-Service-Activate	Vendor-Specific.Unisphere.Service-Activate
26.4874.66	Deactivate-Service	ERX-Service-Deactivate	ERX-Service-Deactivate	ERX-Service-Deactivate	Vendor-Specific.Unisphere.Service-Deactivate
26.4874.67	Service-Volume	ERX-Service-Volume	ERX-Service-Volume	ERX-Service-Volume	Vendor-Specific.Unisphere.Service-Volume
26.4874.68	Service-Timeout	ERX-Service-Timeout	ERX-Service-Timeout	ERX-Service-Timeout	Vendor-Specific.Unisphere.Service-Timeout
26.4874.69	Service-Statistics	ERX-Service-Statistics	ERX-Service-Statistics	ERX-Service-Statistics	Vendor-Specific.Unisphere.Service-Stats
26.4874.70		ERX-DF-Bit	ERX-DF-Bit	ERX-DF-Bit	Vendor-Specific.Unisphere.DF-Bit
26.4874.71	IGMP-Access-Name	ERX-IGMP-Access-Name	ERX-IGMP-Access-Name	ERX-IGMP-Access-Name	Vendor-Specific.Unisphere.IGMP-Access-Name
26.4874.72	IGMP-Access-Src-Name	ERX-IGMP-Access-Src-Name	ERX-IGMP-Access-Src-Name	ERX-IGMP-Access-Src-Name	Vendor-Specific.Unisphere.IGMP-Access-Src-Name
26.4874.73		ERX-IGMP-OIF-Map-Name	ERX-IGMP-OIF-Map-Name	ERX-IGMP-OIF-Map-Name	Vendor-Specific.Unisphere.IGMP-OIF-Map-Name
26.4874.74	MLD-Access-Name	ERX-MLD-Access-Name	ERX-MLD-Access-Name	ERX-MLD-Access-Name	Vendor-Specific.Unisphere.MLD-Access-Name
26.4874.75	MLD-Access-Src-Name	ERX-MLD-Access-Src-Name	ERX-MLD-Access-Src-Name	ERX-MLD-Access-Src-Name	Vendor-Specific.Unisphere.MLD-Access-Src-Name
26.4874.76		ERX-MLD-OIF-Map-Name	ERX-MLD-OIF-Map-Name	ERX-MLD-OIF-Map-Name	Vendor-Specific.Unisphere.MLD-OIF-Map-Name
26.4874.77	MLD-Version	ERX-MLD-Version	ERX-MLD-Version	ERX-MLD-Version	Vendor-Specific.Unisphere.MLD-Version
26.4874.78	IGMP-Version	ERX-IGMP-Version	ERX-IGMP-Version	ERX-IGMP-Version	Vendor-Specific.Unisphere.IGMP-Version
26.4874.79		ERX-IP-Mcast-Adm-Bw-Limit	ERX-IP-Mcast-Adm-Bw-Limit	ERX-IP-Mcast-Adm-Bw-Limit	Vendor-Specific.Unisphere.IP-Mcast-Adm-Bw-Limit
26.4874.80		ERX-IPv6-Mcast-Adm-Bw-Limit	ERX-IPv6-Mcast-Adm-Bw-Limit	ERX-IPv6-Mcast-Adm-Bw-Limit	Vendor-Specific.Unisphere.IPv6-Mcast-Adm-Bw-Limit
26.4874.81					Vendor-Specific.Unisphere.L2c-Access-Loop-Parameters
26.4874.82		ERX-Qos-Parameters	ERX-Qos-Parameters	ERX-Qos-Parameters	Vendor-Specific.Unisphere.Qos-Parameters
26.4874.83	Service-Session	ERX-Service-Session	ERX-Service-Session	ERX-Service-Session	Vendor-Specific.Unisphere.Service-Session
26.4874.84		ERX-Mobile-IP-Algorithm	ERX-Mobile-IP-Algorithm	ERX-Mobile-IP-Algorithm	Vendor-Specific.Unisphere.Mobile-IP-Algorithm
26.4874.85		ERX-Mobile-IP-SPI	ERX-Mobile-IP-SPI	ERX-Mobile-IP-SPI	Vendor-Specific.Unisphere.Mobile-IP-SPI
26.4874.86		ERX-Mobile-IP-Key	ERX-Mobile-IP-Key	ERX-Mobile-IP-Key	Vendor-Specific.Unisphere.Mobile-IP-Key
26.4874.87		ERX-Mobile-IP-Replay	ERX-Mobile-IP-Replay	ERX-Mobile-IP-Replay	Vendor-Specific.Unisphere.Mobile-IP-Replay
26.4874.88		ERX-Mobile-IP-Access-Control	ERX-Mobile-IP-Access-Control	ERX-Mobile-IP-Access-Control	Vendor-Specific.Unisphere.Mobile-IP-Access-Control
26.4874.89		ERX-Mobile-IP-Lifetime	ERX-Mobile-IP-Lifetime	ERX-Mobile-IP-Lifetime	Vendor-Specific.Unisphere.Mobile-IP-Lifetime
26.4874.90		ERX-L2TP-Resynch-Method	ERX-L2TP-Resynch-Method	ERX-L2TP-Resynch-Method	Vendor-Specific.Unisphere.L2TP-Resynch-Method
26.4874.91	Tunnel-Switch-Profile	ERX-Tunnel-Switch-Profile	ERX-Tunnel-Switch-Profile	ERX-Tunnel-Switch-Profile	Vendor-Specific.Unisphere.Tunnel-Switch-Profile
26.4874.92	L2C-Up-Stream-Data	ERX-L2c-Up-Stream-Data	ERX-L2c-Up-Stream-Data	ERX-L2c-Up-Stream-Data	Vendor-Specific.Unisphere.L2c-Up-Stream-Data
26.4874.93	L2C-Down-Stream-Data	ERX-L2c-Down-Stream-Data	ERX-L2c-Down-Stream-Data	ERX-L2c-Down-Stream-Data	Vendor-Specific.Unisphere.L2c-Down-Stream-Data
26.4874.94	Tunnel-Tx-Speed-Method	ERX-Tunnel-Tx-Speed-Method	ERX-Tunnel-Tx-Speed-Method	ERX-Tunnel-Tx-Speed-Method	Vendor-Specific.Unisphere.Tunnel-Tx-Speed-Method
26.4874.95		ERX-IGMP-Query-Interval	ERX-IGMP-Query-Interval	ERX-IGMP-Query-Interval	Vendor-Specific.Unisphere.IGMP-Query-Interval
26.4874.96		ERX-IGMP-Max-Resp-Time	ERX-IGMP-Max-Resp-Time	ERX-IGMP-Max-Resp-Time	Vendor-Specific.Unisphere.IGMP-Max-Resp-Time
26.4874.97	IGMP-Immediate-Leave	ERX-IGMP-Immediate-Leave	ERX-IGMP-Immediate-Leave	ERX-IGMP-Immediate-Leave	Vendor-Specific.Unisphere.IGMP-Immediate-Leave

Attribute Number	Official Juniper VSA Name	FreeRADIUS 2.x.x	FreeRADIUS 3.0.x	FreeRADIUS 3.2.x	FreeRADIUS 4.0-alpha1
26.4874.98		ERX-MLD-Query-Interval	ERX-MLD-Query-Interval	ERX-MLD-Query-Interval	Vendor-Specific.Unisphere.MLD-Query-Interval
26.4874.99		ERX-MLD-Max-Resp-Time	ERX-MLD-Max-Resp-Time	ERX-MLD-Max-Resp-Time	Vendor-Specific.Unisphere.MLD-Max-Resp-Time
26.4874.100	MLD-Immediate-Leave	ERX-MLD-Immediate-Leave	ERX-MLD-Immediate-Leave	ERX-MLD-Immediate-Leave	Vendor-Specific.Unisphere.MLD-Immediate-Leave
26.4874.101		ERX-IP-Block-Multicast	ERX-IP-Block-Multicast	ERX-IP-Block-Multicast	Vendor-Specific.Unisphere.IP-Block-Multicast
26.4874.102		ERX-IGMP-Explicit-Tracking	ERX-IGMP-Explicit-Tracking	ERX-IGMP-Explicit-Tracking	Vendor-Specific.Unisphere.IGMP-Explicit-Tracking
26.4874.103		ERX-IGMP-No-Tracking-V2-Grps	ERX-IGMP-No-Tracking-V2-Grps	ERX-IGMP-No-Tracking-V2-Grps	Vendor-Specific.Unisphere.IGMP-No-Tracking-V2-Grps
26.4874.104		ERX-MLD-Explicit-Tracking	ERX-MLD-Explicit-Tracking	ERX-MLD-Explicit-Tracking	Vendor-Specific.Unisphere.MLD-Explicit-Tracking
26.4874.105		ERX-MLD-No-Tracking-V1-Grps	ERX-MLD-No-Tracking-V1-Grps	ERX-MLD-No-Tracking-V1-Grps	Vendor-Specific.Unisphere.MLD-No-Tracking-V1-Grps
26.4874.106	IPv6-Ingress-Policy-Name	ERX-IPv6-Ingress-Policy-Name	ERX-IPv6-Ingress-Policy-Name	ERX-IPv6-Ingress-Policy-Name	Vendor-Specific.Unisphere.Jnpr-IPv6-Ingress-Policy-Name
26.4874.107	IPv6-Egress-Policy-Name	ERX-IPv6-Egress-Policy-Name	ERX-IPv6-Egress-Policy-Name	ERX-IPv6-Egress-Policy-Name	Vendor-Specific.Unisphere.Jnpr-IPv6-Egress-Policy-Name
26.4874.108	CoS-Parameter-Type	ERX-CoS-Shaping-Pmt-Type	ERX-CoS-Shaping-Pmt-Type	ERX-CoS-Shaping-Pmt-Type	Vendor-Specific.Unisphere.Jnpr-CoS-Parameter-Type
26.4874.109	DHCP-Guided-Relay-Server	ERX-DHCP-Guided-Relay-Server	ERX-DHCP-Guided-Relay-Server	ERX-DHCP-Guided-Relay-Server	Vendor-Specific.Unisphere.Jnpr-DHCP-Guided-Relay-Server
26.4874.110	Acc-Loop-Cir-Id	ERX-Acc-Loop-Cir-Id	ERX-Acc-Loop-Cir-Id	ERX-Acc-Loop-Cir-Id	Vendor-Specific.Unisphere.Acc-Loop-Cir-Id
26.4874.111	Acc-Aggr-Cir-Id-Bin	ERX-Acc-Aggr-Cir-Id-Bin	ERX-Acc-Aggr-Cir-Id-Bin	ERX-Acc-Aggr-Cir-Id-Bin	Vendor-Specific.Unisphere.Acc-Aggr-Cir-Id-Bin
26.4874.112	Acc-Aggr-Cir-Id-Asc	ERX-Acc-Aggr-Cir-Id-Asc	ERX-Acc-Aggr-Cir-Id-Asc	ERX-Acc-Aggr-Cir-Id-Asc	Vendor-Specific.Unisphere.Acc-Aggr-Cir-Id-Asc
26.4874.113	Act-Data-Rate-Up	ERX-Act-Data-Rate-Up	ERX-Act-Data-Rate-Up	ERX-Act-Data-Rate-Up	Vendor-Specific.Unisphere.Act-Data-Rate-Up
26.4874.114	Act-Data-Rate-Dn	ERX-Act-Data-Rate-Dn	ERX-Act-Data-Rate-Dn	ERX-Act-Data-Rate-Dn	Vendor-Specific.Unisphere.Act-Data-Rate-Dn
26.4874.115	Min-Data-Rate-Up	ERX-Min-Data-Rate-Up	ERX-Min-Data-Rate-Up	ERX-Min-Data-Rate-Up	Vendor-Specific.Unisphere.Min-Data-Rate-Up
26.4874.116	Min-Data-Rate-Dn	ERX-Min-Data-Rate-Dn	ERX-Min-Data-Rate-Dn	ERX-Min-Data-Rate-Dn	Vendor-Specific.Unisphere.Min-Data-Rate-Dn
26.4874.117	Att-Data-Rate-Up	ERX-Att-Data-Rate-Up	ERX-Att-Data-Rate-Up	ERX-Att-Data-Rate-Up	Vendor-Specific.Unisphere.Att-Data-Rate-Up
26.4874.118	Att-Data-Rate-Dn	ERX-Att-Data-Rate-Dn	ERX-Att-Data-Rate-Dn	ERX-Att-Data-Rate-Dn	Vendor-Specific.Unisphere.Att-Data-Rate-Dn
26.4874.119	Max-Data-Rate-Up	ERX-Max-Data-Rate-Up	ERX-Max-Data-Rate-Up	ERX-Max-Data-Rate-Up	Vendor-Specific.Unisphere.Max-Data-Rate-Up
26.4874.120	Max-Data-Rate-Dn	ERX-Max-Data-Rate-Dn	ERX-Max-Data-Rate-Dn	ERX-Max-Data-Rate-Dn	Vendor-Specific.Unisphere.Max-Data-Rate-Dn
26.4874.121	Min-LP-Data-Rate-Up	ERX-Min-LP-Data-Rate-Up	ERX-Min-LP-Data-Rate-Up	ERX-Min-LP-Data-Rate-Up	Vendor-Specific.Unisphere.Min-LP-Data-Rate-Up
26.4874.122	Min-LP-Data-Rate-Dn	ERX-Min-LP-Data-Rate-Dn	ERX-Min-LP-Data-Rate-Dn	ERX-Min-LP-Data-Rate-Dn	Vendor-Specific.Unisphere.Min-LP-Data-Rate-Dn
26.4874.123	Max-Interlv-Delay-Up	ERX-Max-Interlv-Delay-Up	ERX-Max-Interlv-Delay-Up	ERX-Max-Interlv-Delay-Up	Vendor-Specific.Unisphere.Max-Interlv-Delay-Up
26.4874.124	Act-Interlv-Delay-Up	ERX-Act-Interlv-Delay-Up	ERX-Act-Interlv-Delay-Up	ERX-Act-Interlv-Delay-Up	Vendor-Specific.Unisphere.Act-Interlv-Delay-Up
26.4874.125	Max-Interlv-Delay-Dn	ERX-Max-Interlv-Delay-Dn	ERX-Max-Interlv-Delay-Dn	ERX-Max-Interlv-Delay-Dn	Vendor-Specific.Unisphere.Max-Interlv-Delay-Dn
26.4874.126	Act-Interlv-Delay-Dn	ERX-Act-Interlv-Delay-Dn	ERX-Act-Interlv-Delay-Dn	ERX-Act-Interlv-Delay-Dn	Vendor-Specific.Unisphere.Act-Interlv-Delay-Dn
26.4874.127	DSL-Line-State	ERX-DSL-Line-State	ERX-DSL-Line-State	ERX-DSL-Line-State	Vendor-Specific.Unisphere.DSL-Line-State
26.4874.128	DSL-Type	ERX-DSL-Type	ERX-DSL-Type	ERX-DSL-Type	Vendor-Specific.Unisphere.DSL-Type
26.4874.129	Qos-Set-Name	ERX-IPv6-NdRa-Prefix	ERX-IPv6-NdRa-Prefix	ERX-IPv6-NdRa-Prefix	Vendor-Specific.Unisphere.IPv6-NdRa-Prefix
26.4874.130	Qos-Set-Name	ERX-Qos-Set-Name	ERX-Qos-Set-Name	ERX-Qos-Set-Name	Vendor-Specific.Unisphere.Qos-Set-Name
26.4874.140	Service-Interim-Acct-Interval	ERX-Service-Acct-Interval	ERX-Service-Acct-Interval	ERX-Service-Acct-Interval	Vendor-Specific.Unisphere.Service-AcctInt
26.4874.141	Downstream-Calculated-QoS-Rate	ERX-DownStream-Calc-Rate	ERX-DownStream-Calc-Rate	ERX-DownStream-Calc-Rate	Vendor-Specific.Unisphere.DownStream-Calc-Rate
26.4874.142	Upstream-Calculated-QoS-Rate	ERX-UpStream-Calc-Rate	ERX-UpStream-Calc-Rate	ERX-UpStream-Calc-Rate	Vendor-Specific.Unisphere.UpStream-Calc-Rate
26.4874.143	Max-Clients-Per-Interface	ERX-Max-Clients-Per-Interface	ERX-Max-Clients-Per-Interface	ERX-Max-Clients-Per-Interface	Vendor-Specific.Unisphere.Jnpr-Max-Clients-Per-Interface
26.4874.144	PPP-Monitor-Ingress-Only	ERX-PPP-Monitor-Ingress-Only	ERX-PPP-Monitor-Ingress-Only	ERX-PPP-Monitor-Ingress-Only	Vendor-Specific.Unisphere.PPP-Ingress-Only
26.4874.146	CoS-Scheduler-Pmt-Type	ERX-CoS-Scheduler-Pmt-Type	ERX-CoS-Scheduler-Pmt-Type	ERX-CoS-Scheduler-Pmt-Type	Vendor-Specific.Unisphere.Jnpr-CoS-Scheduler-Pmt-Type
26.4874.147		ERX-Backup-Address-Pool	ERX-Backup-Address-Pool	ERX-Backup-Address-Pool	Vendor-Specific.Unisphere.Backup-Address-Pool
26.4874.150		ERX-ICR-Partition-Id	ERX-ICR-Partition-Id	ERX-ICR-Partition-Id	Vendor-Specific.Unisphere.ICR-Partition-Id
26.4874.151	IPv6-Acct-Input-Octets	ERX-IPv6-Acct-Input-Octets	ERX-IPv6-Acct-Input-Octets	ERX-IPv6-Acct-Input-Octets	Vendor-Specific.Unisphere.IPv6-Acct-Input-Octets
26.4874.152	IPv6-Acct-Output-Octets	ERX-IPv6-Acct-Output-Octets	ERX-IPv6-Acct-Output-Octets	ERX-IPv6-Acct-Output-Octets	Vendor-Specific.Unisphere.IPv6-Acct-Output-Octets
26.4874.153	IPv6-Acct-Input-Packets	ERX-IPv6-Acct-Input-Packets	ERX-IPv6-Acct-Input-Packets	ERX-IPv6-Acct-Input-Packets	Vendor-Specific.Unisphere.IPv6-Acct-Input-Packets
26.4874.154	IPv6-Acct-Output-Packets	ERX-IPv6-Acct-Output-Packets	ERX-IPv6-Acct-Output-Packets	ERX-IPv6-Acct-Output-Packets	Vendor-Specific.Unisphere.IPv6-Acct-Output-Packets
26.4874.155	IPv6-Acct-Input-Gigawords	ERX-IPv6-Acct-Input-Gigawords	ERX-IPv6-Acct-Input-Gigawords	ERX-IPv6-Acct-Input-Gigawords	Vendor-Specific.Unisphere.IPv6-Acct-Input-Gigawords
26.4874.156	IPv6-Acct-Output-Gigawords	ERX-IPv6-Acct-Output-Gigawords	ERX-IPv6-Acct-Output-Gigawords	ERX-IPv6-Acct-Output-Gigawords	Vendor-Specific.Unisphere.IPv6-Acct-Output-Gigawords
26.4874.157		ERX-IPv6-NdRa-Pool-Name	ERX-IPv6-NdRa-Pool-Name	ERX-IPv6-NdRa-Pool-Name	Vendor-Specific.Unisphere.Jnpr-IPv6-NdRa-Pool-Name
26.4874.158	PPPoE-Padn	ERX-PppoE-Padn	ERX-PppoE-Padn	ERX-PppoE-Padn	Vendor-Specific.Unisphere.Jnpr-PppoE-Padn
26.4874.159		ERX-Dhcp-Option-82	ERX-Dhcp-Option-82	ERX-Dhcp-Option-82	Vendor-Specific.Unisphere.Dhcp-Option-82
26.4874.160	Vlan-Map-Id	ERX-Vlan-Map-Id	ERX-Vlan-Map-Id	ERX-Vlan-Map-Id	Vendor-Specific.Unisphere.Jnpr-Vlan-Map-Id
26.4874.161	IPv6-Delegated-Pool-Name	ERX-IPv6-Delegated-Pool-Name	ERX-IPv6-Delegated-Pool-Name	ERX-IPv6-Delegated-Pool-Name	Vendor-Specific.Unisphere.Jnpr-IPv6-Delegated-Pool-Name
26.4874.162	Tx-Connect-Speed	Juniper-Tx-Connect-Speed	ERX-Tx-Connect-Speed	ERX-Tx-Connect-Speed	Vendor-Specific.Unisphere.Jnpr-Tx-Connect-Speed
26.4874.163	Rx-Connect-Speed	Juniper-Rx-Connect-Speed	ERX-Rx-Connect-Speed	ERX-Rx-Connect-Speed	Vendor-Specific.Unisphere.Jnpr-Rx-Connect-Speed
26.4874.164	IPv4-Release-Control				Vendor-Specific.Unisphere.IPv4-release-control
26.4874.165					Vendor-Specific.Unisphere.Pcp-Server-Name
26.4874.173	Service-Activate-Type		ERX-Service-Activate-Type	ERX-Service-Activate-Type	
26.4874.174	Client-Profile-Name	Unisphere-Client-Profile-Name	ERX-Client-Profile-Name	ERX-Client-Profile-Name	Vendor-Specific.Unisphere.Client-Profile-Name
26.4874.175		Juniper-Redirect-GW-Address	ERX-Redirect-GW-Address	ERX-Redirect-GW-Address	Vendor-Specific.Unisphere.Jnpr-Redirect-GW-Address
26.4874.176		Juniper-APN-Name	ERX-APN-Name	ERX-APN-Name	Vendor-Specific.Unisphere.Jnpr-APN-Name
26.4874.177	Cos-Shaping-Rate		ERX-Cos-Shaping-Rate	ERX-Cos-Shaping-Rate	Vendor-Specific.Unisphere.Cos-Shaping-Rate
26.4874.178	Action-Reason		ERX-Action-Reason	ERX-Action-Reason	Vendor-Specific.Unisphere.Action-Reason
26.4874.179	Service-Volume-Gigawords		ERX-Service-Volume-Gigawords	ERX-Service-Volume-Gigawords	Vendor-Specific.Unisphere.Service-Volume-Gigawords
26.4874.180	Update-Service		ERX-Update-Service	ERX-Update-Service	Vendor-Specific.Unisphere.Update-Service
26.4874.181	DHCPv6-Guided-Relay-Server		ERX-DHCPv6-Guided-Relay-Server	ERX-DHCPv6-Guided-Relay-Server	
26.4874.182	Acc-Loop-Remote-Id		ERX-Acc-Loop-Remote-Id	ERX-Acc-Loop-Remote-Id	Vendor-Specific.Unisphere.Acc-Loop-Remote-Id
26.4874.183	Acc-Loop-Encap		ERX-Acc-Loop-Encap	ERX-Acc-Loop-Encap	Vendor-Specific.Unisphere.Acc-Loop-Encap
26.4874.184	Inner-Vlan-Map-Id		ERX-Inner-Vlan-Map-Id	ERX-Inner-Vlan-Map-Id	Vendor-Specific.Unisphere.Inner-Vlan-Map-Id
26.4874.185	Core-Facing-Interface		ERX-Core-Facing-Interface	ERX-Core-Facing-Interface	Vendor-Specific.Unisphere.Core-Facing-Interface
26.4874.186					Vendor-Specific.Unisphere.vCPE-Lan-Extension
26.4874.187					Vendor-Specific.Unisphere.vCPE-IPv4-Offload
26.4874.188					
26.4874.189	DHCP-First-Relay-IPv4-Address		ERX-DHCP-First-Relay-IPv4-Address	ERX-DHCP-First-Relay-IPv4-Address	
26.4874.190	DHCP-First-Relay-IPv6-Address		ERX-DHCP-First-Relay-IPv6-Address	ERX-DHCP-First-Relay-IPv6-Address	
26.4874.191	Input-Interface-Filter		ERX-Input-Interface-Filter	ERX-Input-Interface-Filter	Vendor-Specific.Unisphere.Jnpr-Input-Interface-Filter
26.4874.192	Output-Interface-Filter		ERX-Output-Interface-Filter	ERX-Output-Interface-Filter	Vendor-Specific.Unisphere.Jnpr-Output-Interface-Filter
26.4874.193	Pim-Enable		ERX-Pim-Enable	ERX-Pim-Enable	
26.4874.194	Bulk-CoA-Transaction-Id		ERX-Bulk-CoA-Transaction-Id	ERX-Bulk-CoA-Transaction-Id	Vendor-Specific.Unisphere.ERX-Bulk-CoA-Transaction-Id
26.4874.195	Bulk-CoA-Identifier		ERX-Bulk-CoA-Identifier	ERX-Bulk-CoA-Identifier	Vendor-Specific.Unisphere.ERX-Bulk-CoA-Identifier
26.4874.196	IPv4-Input-Service-Set		ERX-IPv4-Input-Service-Set	ERX-IPv4-Input-Service-Set	Vendor-Specific.Unisphere.IPv4-Input-Service-Set
26.4874.197	IPv4-Output-Service-Set		ERX-IPv4-Output-Service-Set	ERX-IPv4-Output-Service-Set	Vendor-Specific.Unisphere.IPv4-Output-Service-Set
26.4874.198	IPv4-Input-Service-Filter		ERX-IPv4-Input-Service-Filter	ERX-IPv4-Input-Service-Filter	Vendor-Specific.Unisphere.IPv4-Input-Service-Filter
26.4874.199	IPv4-Output-Service-Filter		ERX-IPv4-Output-Service-Filter	ERX-IPv4-Output-Service-Filter	Vendor-Specific.Unisphere.IPv4-Output-Service-Filter
26.4874.200	IPv6-Input-Service-Set		ERX-IPv6-Input-Service-Set	ERX-IPv6-Input-Service-Set	Vendor-Specific.Unisphere.IPv6-Input-Service-Set
26.4874.201	IPv6-Output-Service-Set		ERX-IPv6-Output-Service-Set	ERX-IPv6-Output-Service-Set	Vendor-Specific.Unisphere.IPv6-Output-Service-Set
26.4874.202	IPv6-Input-Service-Filter		ERX-IPv6-Input-Service-Filter	ERX-IPv6-Input-Service-Filter	Vendor-Specific.Unisphere.IPv6-Input-Service-Filter
26.4874.203	IPv6-Output-Service-Filter		ERX-IPv6-Output-Service-Filter	ERX-IPv6-Output-Service-Filter	Vendor-Specific.Unisphere.IPv6-Output-Service-Filter
26.4874.204	Adv-Pcef-Profile-Name		ERX-Adv-Pcef-Profile-Name	ERX-Adv-Pcef-Profile-Name	Vendor-Specific.Unisphere.ERX-Adv-Pcef-Profile-Name
26.4874.205	Adv-Pcef-Rule-Name		ERX-Adv-Pcef-Rule-Name	ERX-Adv-Pcef-Rule-Name	Vendor-Specific.Unisphere.ERX-Adv-Pcef-Rule-Name
26.4874.206	Reauthentication-On-Renew		ERX-Re-Authentication-Catalyst	ERX-Re-Authentication-Catalyst	
26.4874.207	DHCPv6-Options		ERX-DHCPv6-Options	ERX-DHCPv6-Options	
26.4874.208	DHCP-Header		ERX-DHCP-Header	ERX-DHCP-Header	
26.4874.209	DHCPv6-Header		ERX-DHCPv6-Header	ERX-DHCPv6-Header	
26.4874.210	Acct-Request-Reason		ERX-Acct-Request-Reason	ERX-Acct-Request-Reason	
26.4874.211	Inner-Tag-Protocol-Id		ERX-Inner-Tag-Protocol-Id	ERX-Inner-Tag-Protocol-Id	
26.4874.212	Routing-Services		ERX-Routing-Services	ERX-Routing-Services	
26.4874.213	Interface-Set-Targeting-Weight		ERX-Interface-Set-Targeting-Weight	ERX-Interface-Set-Targeting-Weight	
26.4874.214	Interface-Targeting-Weight		ERX-Interface-Targeting-Weight	ERX-Interface-Targeting-Weight	
26.4874.216	Hybrid-Access-DSL-Downstream-Speed		ERX-Hybrid-Access-DSL-Downstream-Speed	ERX-Hybrid-Access-DSL-Downstream-Speed	
26.4874.217	Hybrid-Access-LTE-Downstream-Speed		ERX-Hybrid-Access-LTE-Downstream-Speed	ERX-Hybrid-Access-LTE-Downstream-Speed	
26.4874.218	Connection-Status-Message				
26.4874.219	PON-Access-Type		ERX-PON-Access-Type	ERX-PON-Access-Type	
26.4874.220	ONT/ONU-Average-Data-Rate-Downstream		ERX-ONT-ONU-Average-Data-Rate-Downstream	ERX-ONT-ONU-Average-Data-Rate-Downstream	
26.4874.221	ONT/ONU-Peak-Data-Rate-Downstream		ERX-ONT-ONU-Peak-Data-Rate-Downstream	ERX-ONT-ONU-Peak-Data-Rate-Downstream	
26.4874.222	ONT/ONU-Maximum-Data-Rate-Upstream		ERX-ONT-ONU-Maximum-Data-Rate-Upstream	ERX-ONT-ONU-Maximum-Data-Rate-Upstream	
26.4874.223	ONT/ONU-Assured-Data-Rate-Upstream		ERX-ONT-ONU-Assured-Data-Rate-Upstream	ERX-ONT-ONU-Assured-Data-Rate-Upstream	
26.4874.224	PON-Tree-Maximum-Data-Rate-Upstream		ERX-PON-Tree-Maximum-Data-Rate-Upstream	ERX-PON-Tree-Maximum-Data-Rate-Upstream	
26.4874.225	PON-Tree-Maximum-Data-Rate-Downstream		ERX-PON-Tree-Maximum-Data-Rate-Downstream	ERX-PON-Tree-Maximum-Data-Rate-Downstream	
26.4874.226	Expected-Throughput-Upstream		ERX-Expected-Throughput-Upstream	ERX-Expected-Throughput-Upstream	
26.4874.227	Expected-Throughput-Downstream		ERX-Expected-Throughput-Downstream	ERX-Expected-Throughput-Downstream	

Attribute Number	Official Juniper VSA Name	FreeRADIUS 2.x.x	FreeRADIUS 3.0.x	FreeRADIUS 3.2.x	FreeRADIUS 4.0-alpha1
26.4874.228	Attainable-Expected-Throughput-Upstream		ERX-Attainable-Expected-Throughput-Upstream	ERX-Attainable-Expected-Throughput-Upstream	
26.4874.229	Attainable-Expected-Throughput-Downstream		ERX-Attainable-Expected-Throughput-Downstream	ERX-Attainable-Expected-Throughput-Downstream	
26.4874.230	Gamma-Data-Rate-Upstream		ERX-Gamma-Data-Rate-Upstream	ERX-Gamma-Data-Rate-Upstream	
26.4874.231	Gamma-Data-Rate-Downstream		ERX-Gamma-Data-Rate-Downstream	ERX-Gamma-Data-Rate-Downstream	
26.4874.232	Attainable-Gamma-Data-Rate-Upstream		ERX-Attainable-Gamma-Data-Rate-Upstream	ERX-Attainable-Gamma-Data-Rate-Upstream	
26.4874.233	Attainable-Gamma-Data-Rate-Downstream		ERX-Attainable-Gamma-Data-Rate-Downstream	ERX-Attainable-Gamma-Data-Rate-Downstream	

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