

jnxVpnPwTable

jnxVpnPwTable, whose object identifier is jnxVpnMibObjects 4, lists pseudowire connections.

jnxVpnPwEntry contains pseudowire information about a VPN that is being monitored, and has the objects listed in Table 1. The first three objects (jnxVpnPwVpnType, jnxVpnPwVpnName, and jnxVpnPwIndex) are indexes and are not listed in this table.

Table 1: Supported jnxVpnEntry Objects, VPNs, and Connection Circuit Services

Object	Object Identifier	Layer 3 VPN	Layer 2 VPN	VPLS VPN	L2 Circuit	Circuit Cross-Connect	Optical VPN	Description
jnxVpnPwRowStatus	jnxVpnPwEntry 4	–	–	–	–	–	–	Creates, modifies, and deletes a row in this table.
jnxVpnPwStorageType	jnxVpnPwEntry 5	–	–	–	–	–	–	The storage type.
jnxVpnPwAssociatedInterface	jnxVpnPwEntry 6	–	Yes	Yes	Yes	No	–	The VPN index of the interface associated with a pseudowire. If no interface is associated with a pseudowire, 0 is returned.
jnxVpnPwLocalSiteId	jnxVpnPwEntry 7	–	Yes	Yes	Yes	No	–	The local site identifier for a pseudowire. When there is no local site identifier, 0 is returned.
jnxVpnPwRemoteSiteId	jnxVpnPwEntry 8	–	Yes	Yes	Yes	No	–	The remote site identifier. For example, the site at the end of the pseudowire. When there is no remote site identifier, 0 is returned.

Table 1: Supported jnxVpnEntry Objects, VPNs, and Connection Circuit Services (continued)

Object	Object Identifier	Layer 3 VPN	Layer 2 VPN	VPLS VPN	L2 Circuit	Circuit Cross-Connect	Optical VPN	Description
jnxVpnRemotetPeldAddrType	jnxVpnPwEntry 9	–	Yes	Yes	Yes	No	–	The remote PE address. For example, the router at the end of the pseudowire.
jnxVpnRemotePeldAddress	jnxVpnPwEntry 10	–	Yes	Yes	Yes	No	–	<p>The type of tunnel over which the pseudowire is carried. If several pseudowires can be carried in one tunnel, each pseudowire is identified by the multiplexer or demultiplexer within a tunnel.</p> <p>This object can contain the following values:</p> <ul style="list-style-type: none"> ■ static(1) ■ gre(2) ■ l2tpv3(3) ■ ipSec(4) ■ ldp(5) ■ rsvpTe(6) ■ crLdp(7)
jnxVpnPwTunnelType	jnxVpnPwEntry 11	–	Yes	Yes	Yes	No	–	The type of tunnel over which the pseudowire is carried.
jnxVpnPwTunnelName	jnxVpnPwEntry 12	–	Yes	Yes	Yes	No	–	The name of the tunnel over which a pseudowire is carried.

Table 1: Supported jnxVpnEntry Objects, VPNs, and Connection Circuit Services (continued)

Object	Object Identifier	Layer 3 VPN	Layer 2 VPN	VPLS VPN	L2 Circuit	Circuit Cross-Connect	Optical VPN	Description
jnxVpnPwReceiveDemux	jnxVpnPwEntry 13	–	Yes	Yes	Yes	No	–	The demultiplexer value that identifies received packets associated with this pseudowire.
jnxVpnPwTransmitDemux	jnxVpnPwEntry 14	–	Yes	Yes	Yes	No	–	The demultiplexer value that identifies the transmitted packets associated with this pseudowire.
jnxVpnPwStatus	jnxVpnPwEntry 15	–	Yes	Yes	Yes	No	–	The status of the pseudowire. This object can have the following values: <ul style="list-style-type: none"> ■ unknown(0) ■ down(1) ■ up(2)
jnxVpnPwTunnelStatus	jnxVpnPwEntry 16	–	No	No	No	No	–	The status of the PE-to-PE tunnel over which the pseudowire is carried.

Table 1: Supported jnxVpnEntry Objects, VPNs, and Connection Circuit Services (continued)

Object	Object Identifier	Layer 3 VPN	Layer 2 VPN	VPLS VPN	L2 Circuit	Circuit Cross-Connect	Optical VPN	Description
jnxVpnPwRemoteSiteStatus	jnxVpnPwEntry 17	–	No	No	No	No	–	<p>The interface status at the remote end of the pseudowire.</p> <p>This object can have the following values:</p> <ul style="list-style-type: none"> ■ unknown(0) ■ outOf - Range(1) ■ down(2) ■ up(3)
jnxVpnPwTimeUp	jnxVpnPwEntry 18	–	Yes	Yes	Yes	No	–	The time, in hundredths of a second, that a pseudowire has been operational.
jnxVpnPwTransitions	jnxVpnPwEntry 19	–	Yes	Yes	Yes	No	–	The number of state transitions (up to down and down to up) that a tunnel has undergone.
jnxVpnPwLastTransition	jnxVpnPwEntry 20	–	Yes	Yes	Yes	No	–	The time, in hundredths of a second, since the last transition occurred in a tunnel.
jnxVpnPwPacketsSent	jnxVpnPwEntry 21	–	No	No	No	No	–	The number of packets sent over a pseudowire.
jnxVpnPwOctetsSent	jnxVpnPwEntry 22	–	No	No	No	No	–	The number of octets sent over a pseudowire.
jnxVpnPwPacketsReceived	jnxVpnPwEntry 23	No	No		No	No	–	The number of packets received over a pseudowire.

Table 1: Supported jnxVpnEntry Objects, VPNs, and Connection Circuit Services (continued)

Object	Object Identifier	Layer 3 VPN	Layer 2 VPN	VPLS VPN	L2 Circuit	Circuit Cross-Connect	Optical VPN	Description
jnxVpnPwOctetsReceived	jnxVpnPwEntry 24	No	No		No	No	–	The number of octets received over a pseudowire.
jnxVpnPwLRPacketsSent	jnxVpnPwEntry 25	No	No		No	No	–	The number of packets sent over a pseudowire.
jnxVpnPwLROctetsSent	jnxVpnPwEntry 26	No	No		No	No	–	The number of octets sent over a pseudowire.
jnxVpnPwLRPacketsReceived	jnxVpnPwEntry 27	No	No		No	No	–	The number of packets received over a pseudowire.
jnxVpnPwLROctetsReceived	jnxVpnPwEntry 28	No	No		No	No	–	The number of octets received over a pseudowire.

- Related Topics**
- VPN MIB
 - jnxVpnInfo
 - jnxVpnTable
 - jnxVpnIfTable
 - jnxVpnRTTable
 - VPN Traps

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