

MTP3_L2Connection

Resource - L2Connection

About this Resource

A sequence of L2 Connection attributes

REST API Methods for this Resource

- GET L2Connection
- POST L2Connection
- PUT L2Connection
- DELETE L2Connection
- PUT L2Connection - action Activate
- PUT L2Connection - action Deactivate

Resource Schema

Configuration

Parameter Name	Required	Create	Read-Only	Data Type	Description
CageID	Yes	Yes	Yes	int32	Cage identifier as per Hardware Manager definition. TL1Name: CAGE_ID
DREID	Yes	Yes	Yes	int32	DRE to manage the L2 Connection. TL1Name: DRE_ID
Type	Yes	Yes	Yes	L2ModuleType	L2 Connection Protocol Type TL1Name: L2M_TYPE
MTP2ProtocolType	Yes	Yes	Yes	L2ModuleProtocol	Internal Protocol API Type used to interact with this L2 Connection. TL1Name: MTP2_PROT_TYPE
Context	No	No	Yes	string	A textual representation of the L2 Connection object. TL1Name: CONTEXT
CageName	No	No	No	string	A descriptive name for the L2 Connection object. TL1Name: CAGENAME
State	No	No	Yes	AvailState	Status of this L2 Connection. TL1Name: STATE
MTP2ProtocolVersion	No	No	Yes	int32	Proprietary protocol version used to interact with this L2 Connection. TL1Name: MTP2VERSION
LocalIPAddress1	No	No	No	string	Primary local address of this L2 Connection. (SCTP only) TL1Name: LOCAL_IPADDR1
LocalIPAddress2	No	No	No	string	Secondary local IP address of this L2 Connection. (SCTP only) TL1Name: LOCAL_IPADDR2
LocalPort	No	No	No	int32	Local port of L2 Connection. (SCTP only) TL1Name: LOCAL_L2PORT

RemoteIPAddress1	No	No	No	string	Primary remote IP address of this L2 Connection. TL1Name: REMOTE_IPADDR1
RemoteIPAddress2	No	No	No	string	Secondary remote IP address of this L2 Connection. TL1Name: REMOTE_IPADDR2
RemotePort	No	No	No	int32	Remote port of MTP2 TL1Name: REMOTE_L2PORT
AssociationNumber	No	No	Yes	int32	SCTP Association Number TL1Name: ASSOCNUM
Heartbeat	No	No	No	Feature	Enable or disable the Heartbeat Feature TL1Name: HB
HeartbeatInterval	No	No	No	int32	Heartbeat interval (ms) TL1Name: HB_INV
RTOInitial	No	No	No	int32	RTO Initial (ms) TL1Name: RTO_INIT
RTOMinimum	No	No	No	int32	RTO Minimum (ms) TL1Name: RTO_MIN
RTOMaximum	No	No	No	int32	RTO Maximum (ms) TL1Name: RTO_MAX
MaximumPathRetrans	No	No	No	int32	Maximum path retransmissions TL1Name: MX_PATH_RETRANS
MaximumAssocRetrans	No	No	No	int32	Maximum association retransmissions TL1Name: MX_ASSOC_RETRANS
Bundling	No	No	No	Feature	Enable or disable Bundling TL1Name: BUNDLING
BundlingTO	No	No	No	int32	Bundling TO (ms) TL1Name: BUNDLING_TO
DelayedACKTO	No	No	No	int32	Delayed ACK TO (ms) TL1Name: DELAYACK_TO
FastRetransThreshold	No	No	No	int32	Fast Retransmit Threshold TL1Name: FAST_RETRANS_TH
Checksum	No	No	Yes	SCTPCheckSum	Checksum (CRC32C, ADLER32, NONE, AUTO) TL1Name: CHECKSUM
SCTPDebugLevel	No	No	No	int32	SCTP debug level for association debugging TL1Name: SCTP_DBG_LVL
ConnectionTimeout	No	No	No	Timer	Connection timeout (ms) TL1Name: CONTIMEOUT
ConnectionRetry	No	No	No	Timer	Connection retry interval (ms) TL1Name: CONRETRY
CommandTimeout	No	No	No	Timer	Command timeout (ms) TL1Name: CMDTIMEOUT
CommandRetry	No	No	No	Timer	Command Retry (ms) TL1Name: CMDRETRY
M2UAVariant	No	No	No	M2UAFlavour	M2UA variant TL1Name: M2UA_VARIANT