

ZebOS-XPTM 1.4 MPLS MIBs

For additional information, please contact marketing@ipinfusion.com.

Release Dates

- December 2014 1.2
- July 2015 1.3
- December 2015 1.4

Legend

No - Not Supported. SET/GET handler is not present for the object

LTD - SET/GET handler is present. However cannot SET anything other than default value. Lack of backend feature support

Yes - SET/GET handler is present. 2 or more values can be SET

NA - Not Applicable

			MAX-ACCESS/			
OBJECT NO	ENTRY NO	ENTRY NAME	TEMPLATE	Support for GET	Support for SET	Comments
PW Virtual Connection Table					<u> </u>	<u>.</u>
1	1	pwIndexNext	read-only	YES	NA	Gives the next PW Index to be used.
pwTable						
2	1	pwIndex	not-accessible	NA	NA	Unique index for PW
	2	pwType	read-create	YES	YES	Indicates the emulated service. Supported for ethernet and ethernetTagged (VLAN)
	2	pwOwner	read-create	YES	YES	Protocol which will setup PW. ZebOS supports Manual and pwldFecSignaling.
	4	pwPsnType	read-create	YES	LTD	PSN over which PW is established. ZebOS supports PSN type MPLS.
	7					
	5	pwSetUpPriority	read-create	YES	LTD	Setup Priority for VC . ZebOS doesn't support SetUpPriority. So only the default value of 0 is accepted.
	6	pwHoldingPriority	read-create	YES	LTD	Hold Priority for VC .ZebOS doesn't support SetUpPriority. So only the default value of 0 is accepted.
	8	pwPeerAddrType	read-create	YES	LTD	Peer Address Type. ZebOS supports only IPv4.
	9	pwPeerAddr	read-create	YES	YES	Peer Address. In case pwPeerAddrType is unknown this value should be all zeroes. ZebOS addr type us always ipv4 so it displays the value properly.
	10	pwAttachedPwIndex	read-create	YES	LTD	In case of MS-PW when a PW is attached to another PW instead of a local attachment circuit, this index points to that PW Index. Currently its not supported and only accepts default value of '0'
						If PW is modelled as an interface and part of ifTable this is the interface index of that. ZebOS doesn't
	11	pwlfIndex	read-create	YES	LTD	support this model so it will only have default value of 0.
				1		The PW ID. In case of pwldFecSignaling this will be signaled using FEC. For Manual case its not signaled
	12	pwID	read-create	YES	YES	but its maintained as an unique id for each PW.
						The local group ID to which this PW is added. If PW is not part of any group it will be set to 0. Even when
						maintenance protocol is not in use (vc configured manually) this value will have proper group ID if the PW is
	13	pwLocalGroupID	read-create	YES	YES	part of a group. Though RFC mentions 'SHOULD' be set to 0, we find its a value addition to display even in
						case of manual.
						This has no relation to the AGI
	14	pwGroupAttachmentID		YES	LTD	This is the Attachment Group Identifier (AGI) String. ZebOS doesn't support genFecSignaling (FEC 129) . So
	14	pwGroupAttachmentiD	read-create	YES	LID	this value remains null and cannot be set to any value.
	15	pwLocalAttachmentID	read-create	YES	LTD	This is the Attachment individual Identifier (AAI). ZebOS doesn't support genFecSignaling (FEC 129) . So
	15	pwLocalAttacrimentiD	reau-create	TES	LIB	this value remains null and cannot be set to any value.
	16	pwRemoteAttachmentID	read-create	YES	LTD	This is the Remote Attachment individual Identifier (AAI). ZebOS doesn't support genFecSignaling (FEC
	10	pwitemoteAttacimentib	read-create	120	E1B	129) . So this value remains null and cannot be set to any value.
	17	pwCwPreference	read-create	YES	YES	This indicates the control word preference TRUE/FALSE. Default value is FALSE. This object can be
		pirom reference	1000 01000	120	1.20	changed only when PW is not active
						This object holds the local MTU size. This needs to be sent over to other end during VC setup by signaling
				L		protocol. CAn be changed only when VC is not active. We choose to display the local MTU even if PW is
	18	pwLocallfMtu	read-create	YES	YES	statically configured.
						If not configured MTU size will have default value of 0. Once the VC is installed it will have default value of
						1500 if not configured before.
	19	pwLocallfString	read-create	YES	LTD	This object holds the Local IF String. ZebOS doesn't support sending IF String in the packet. So this value
				+		will remain at the default value of FALSE.
						This object holds the local capabilities of PW related to OAM. Currently ZebOS supports pwStatusIndication
	20	pwLocalCapabAdvert	read-create	YES	YES	and will allow its configuration. It will enable the OAM for the given PW. If a signaling protocol like LDP is in
						use this will be advertised to the peer. In case of manual this will set the local capability.
	21	pwRemoteGroupID	read-only	YES	NA	This object holds the remote group ID field for the PW as received by the maintenance protocol (LDP). In
			,	1 1	I	ZebOS implementation this displays the interface index of the remote attachment circuit of the pseudowire .
						This indicates the status of control word negotiation. ZebOS displays the following status.
	22	pwCwStatus	read-only	YES	NA	cwPresent(5) ,
		ľ	1			cwNotPresent(6).
		5		lues.		The remote interface MTU as received from the remote end via maintenance protocol (LDP). Default value
	23	pwRemotelfMtu	read-only	YES	NA	will be 0 if this is not avaliable during signaling.
	24	D		VEO	NIA.	Holds the remote IF String as given by maintenance protocol (LDP). This is not supported in ZebOS and
	24	pwRemotelfString	read-only	YES	NA	always displays NULL.
	25	pwRemoteCapabilities	read-only	YES	NA	Holds the capabilities as received from the remote peer.
	26	pwFragmentCfgSize	read-create	LTD	LTD	If set to a value other than 0 it indicates that fragmentation is desired for this PW. ZebOS doesn't support is
	20	pwi ragineritorgoize	ieau-create		E10	currently and will always have the default value of 0.
						The status of the fragmentation based on the local configuration and the peer capabilities as received from
	27	pwRmtFragCapability	read-only	LTD	NA	the peer when a control protocol is used. ZebOS currently doesn't support this and this value will be by
						default 0.
	28	pwFcsRetentionCfg	read-create	LTD	YES	The FCS retention capability for the PW. ZebOS currently doesn't support and will be set to
		International	1000 01000		1	fcsRetentionDisable by default.
	I	I = 5 s	I	L	l	The FCS retention status for the PW. ZebOS currently doesn't support and will always display
	29	pwFcsRetentionStatus	read-only	LTD	NA	fcsRetentionDisabled by default

Part		1	1	1		1	Investigation of the state of t
20							PW label used in the outbound direction (i.e., toward
Part Control		20			VEO	VEO	
Part		30	pwOutboundLabel	read-create	YES	YES	
Part							
1							
12							
Part		24	nulahayadi ahal	road areate	VEC	VES	
Description Part Control of the Control of th		31	pwilibouridLabei	read-create	TES	TES	
platform State St							1 .
15 Section							
15		32	pwName	read-create	YES	YES	The canonical name assigned to the PW. In ZebOS implementation this object cannot be changed at any
15			·				time.
15					V/50	1,50	Textual string containing information about the PW. If there is no description, this object contains a zero-
An analysman was an extra comment of any or the comment of the com		33	pwDescr	read-create	YES	YES	
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25 Part, Difforcing Feed only 153 M. Instead plant to the last an inclination of the load and serve inseagement analyzer. Part the olded of the control of the load of the loa		35	pwUpTime	read-only	YES	NA	
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Post		36	pwLastChange	read-only	YES	NA	
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pations/distants reservoiry VS MA State of the PV in this to the solidate induced of the PV in the State of the State of the PV in the State of the State of the State of the State of the PV in the State of							time
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bit is yewNelForwarding, which is self the monte has sent label relates or label withdraw for this PW visit yew No. visit ye							
Number of seconds, including partial seconds, that have elapsed since the beginning of the current interval measurement period		41	pwRemoteStatus	read-only	YES	NA	
A							bit is 'pwNotForwarding', which is set if the remote has sent label release or label withdraw for this PW
A							
Particular Par		42	pwTimeElapsed	read-only	YES	NA	
44 pw/6w/Satus ead-create YES YES For creating, modifying, and deleting this row. This object AMY be changed at any time read-create YES LTD His variable indicates the storage type for this object. ZebOS only supports VOLATILE (Default is however notificate). 45 pw/6m/Gripe read-create YES LTD This object indicates the AGI type if generalized FEC (129) is used for PV signaling or configuration. It SHOULD return the value of zero otherwise. 48 pw/6m/Gripe read-create YES LTD Indicates the AGI type if generalized FEC (129) is used for PV signaling or configuration. It SHOULD return the value of zero otherwise. 48 pw/6m/Gripe read-create YES LTD Specification of the local financine tradscriped individual identifier (AII) to be used by the PW if peneralized FEC (129) is used for PV signaling or configuration. ZebOS currently desert claim support for FEC (129) is used for PV signaling or configuration. ZebOS currently desert claim support for FEC (129) is used for PV signaling or configuration. ZebOS currently desert claim support for FEC (129) is used for PV signaling or configuration. ZebOS currently desert claim support for FEC (129) is used for PV signaling or configuration. ZebOS currently desert claim support for FEC (129) is used for PV signaling or configuration. ZebOS currently desert claim support for FEC (129) is used for PV signaling or configuration. ZebOS currently desert claim support for FEC (129) is used for PV signaling or configuration. ZebOS currently desert claim support for FEC (129) is used for PV signaling or configuration. ZebOS currently desert claim support for FEC (129) is used for PV signaling or configuration. ZebOS currently desert claim support for FEC (129) is used for PV signaling or configuration. ZebOS currently desert claim support for FEC (129) is used for PV signaling or configuration. ZebOS currently desert claim support for FEC (129) is used for PV signaling or configuration. ZebOS currently desert claim support for FEC (129) is used for PV signaling or configuration. ZebO			'				
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15 pr/scritingle lype read-create YES LTD non/volatile) non/volatile) non-volatile) non-volatile)		44	pwRowStatus	read-create	YES	YES	
46 pwCemEnable read-create YES LTD Into object indicates if OAM is enabled for this PW. It always remains enabled. 47 PwGenIdType read-create YES LTD Into object indicates if OAM is enabled for this PW. It always remains enabled. 48 PwGenIdType read-create YES LTD return the value of zero otherwise. 49 pwGenLocalAlType read-create YES LTD remains the part of the control takin support for FEC 129. So this value will be set to 0 by default. 49 pwGenLocalAlType read-create YES LTD remains the part of the control takin support for FEC 129. So this value will be set to 0 by default. 49 pwGenRonoleAlType read-create YES LTD remains the part of the control takin support for FEC 129. So this value will be set to 0 by default. 49 pwGenRonoleAlType read-create YES LTD remains the part of the control takin support for FEC 129. So this value will be set to 0 by default. 49 pwGenRonoleAlType read-create YES LTD remains the part of the		45	pwStorageType	read-create	YES	LTD	
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### Associated by the process of the process of the value will be set to 0 by default ### PWES LTD							
## proferioral filter Part		47	PwGenIdType	read-create	YES	LTD	
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2 pwPerfintervalValidData read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this 3 pwPerfintervalTimeElapsed read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this 4 pwPerfintervalInHCPackets read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this 5 pwPerfintervalInHCBytes read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this 6 pwPerfintervalInHCBytes read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this 7 pwPerfintervalInHCBytes read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this 8 pwPerfintervalInHCBytes read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this	pwPerfIntervalTable						
3 pwPerfintervalTrimeElapsed read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this 4 pwPerfintervalInHCPackets read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this 5 pwPerfintervalInHCPackets read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this 6 pwPerfintervalIOutHCPackets read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this 7 pwPerfintervalOutHCBytes read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this 8 pwPerfintervalInPackets read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this	4	1 1					
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7 pwPerfintervalOutHCBytes read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this 8 pwPerfintervalInPackets read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this		5	i i				
8 pwPerfintervalInPackets read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this		6	p	read-only	<u> </u>		
		7					
9 pwPerfintervalInBytes read-only NO NA Traffic parameters. ZebOS currently doesn't have support for this		8	F	,			
		9	pwPerfIntervalInBytes	read-only	NO	NA	Traffic parameters. ZebOS currently doesn't have support for this

ſ	10 pwPerfIntervalOutPackets	read-only	NO	NA	Traffic parameters. ZebOS currently doesn't have support for this
ſ	11 pwPerfIntervalOutBytes	read-only	NO	NA	Traffic parameters. ZebOS currently doesn't have support for this

pwPerf1DayIntervalTable					
pwreiTiDayiiitei vaiTable	pwPerf1DayIntervalNumber	not-accessible	NO	NA	Traffic parameters. ZebOS currently doesn't have support for this
2	pwPerf1DayIntervalValidData	read-only	NO	NA .	Traffic parameters. ZebOS currently doesn't have support for this
3	pwPerf1DayIntervalTimeElapsed	read-only	NO	NA .	Traffic parameters. ZebOS currently doesn't have support for this
4	pwPerf1DayIntervalInHCPackets	read-only	NO	NA .	Traffic parameters. ZebOS currently doesn't have support for this
5	pwPerf1DayIntervalInHCBytes	read-only	NO	NA	Traffic parameters. ZebOS currently doesn't have support for this
6	pwPerf1DayIntervalOutHCPackets	read-only	NO	NA	Traffic parameters. ZebOS currently doesn't have support for this
7	pwPerf1DayIntervalOutHCBytes	read-only	NO	NA .	Traffic parameters. ZebOS currently doesn't have support for this
scalar	p ozayo.	, , , , , , , , , , , , , , , , , , , ,			
5 1	pwPerfTotalErrorPackets	read-only	NO	NA	Traffic parameters. ZebOS currently doesn't have support for this
pwIndexMappingTable	pur or rotalization donote	rodu omy	1110	The state of the s	
pwindexiviapping rabie	pwIndexMappingPwType	not-accessible	NA .	NA	PW type (indicates the service) of this PW
7 1	printed in type		INA	IVA	PW ID of this PW. Zero if the PW is configured
	pwIndexMappingPwID	not-accessible	NA .	NA	manually
2	pwIndexMappingPeerAddrType	not-accessible	NA NA	NA NA	IP address type of the peer node.
3	pwIndexMappingPeerAddr	not-accessible	NA NA	NA NA	IP address of the peer node
4	pwIndexMappingPeerAddr pwIndexMappingPwIndex	read-only	NO NO	NA NA	The value that represents the PW in the pwTable
pwPeerMappingTable	princesinapping, willow	1000 0111	Ino	IIVA	Title value that represents the rivi in the pwilable
hat centraphing rapie	pwPeerMappingPeerAddrType	not-accessible	NA	NA	IP address type of the peer node
8 1	pwr eerwappingr eerAddi rype	TIOL-accessible	NA .	NA	"IP address of the peer node."
		not-accessible		NA	ir address of the peer flode.
2	pwPeerMappingPeerAddr pwPeerMappingPwType	not-accessible	NA NA	NA	PW type (indicates the emulated service) of this PW
3	pwPeerMappingPwID	not-accessible	1471	101	PW ID of this PW. Zero if the PW is configured manually
4	pwPeerMappingPwIndex	read-only	NA NO	NA NA	The value that represents the PW in the pwTable
	pwreerwappingrwindex	read-only	INO	JNA	The value that represents the PW in the pWTable
SCALARS			1		Trans. 11. 12. 14. 14. 14. 14. 14. 14. 14. 14. 14. 15. 16. 16. 16. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14
	pwUpDownNotifEnable	read-write			If this object is set to true(1), then it enables the emission of pwUp and pwDown notifications; otherwise,
9 1			YES	YES	these notifications are not emitted.
					If this object is set to true(1), then it enables the emission of pwDeleted notification; otherwise, this
10 1	pwDeletedNotifEnable	read-write	YES	YES	notification is not emitted.
					This object defines the maximum number of PW notifications that can be emitted from the device per
11	pwNotifRate	read-write	YES	YES	second.
pwGenFecIndexMappingTable	T 0 5 1 1 M 1 10F		ı	T	I
12 1	pwGenFecIndexMappingAGIType	not-accessible	NO	NO	ZebOS doesn't currently support Generalized FEC. (FEC 129)
2	pwGenFecIndexMappingAGI	not-accessible	NO	NO	ZebOS doesn't currently support Generalized FEC. (FEC 129)
3	pwGenFecIndexMappingAGI	not-accessible	NO	NO	ZebOS doesn't currently support Generalized FEC. (FEC 129)
4	pwGenFecIndexMappingLocalAII	not-accessible	NO	NO	ZebOS doesn't currently support Generalized FEC. (FEC 129)
5	pwGenFecIndexMappingRemoteAllType	not-accessible	NO	NO	ZebOS doesn't currently support Generalized FEC. (FEC 129)
6	pwGenFecIndexMappingRemoteAll	not-accessible	NO	NO	ZebOS doesn't currently support Generalized FEC. (FEC 129)
	pwGenFecIndexMappingPwIndex	read-only	NO	NO	ZebOS doesn't currently support Generalized FEC. (FEC 129)
NOTIFICATIONS			1	1	•
pwDown NOTIFICATION		yes		 	
OBJECTS { pwOperStatus,	_	yes		1	
pwOperStatusen	d of range				
pwUp NOTIFICATION-T					
OBJECTS { pwOperStatus,st. pwOperStatusend		yes		ļ	
pwoperstatusend	or range			+	
pwbeletea NOTIFICATION	I-TYPE			1	
OBJECTS { pwType	,			1	
pwID,		yes			
pwPeerAddrTy					
pwPeerAddr	f		1		
			1	1	

ENTRY NO	ENTRY NAME	MAX-ACCESS/ TEMPLATE	Support for GET	Support for SET	Comments
pwMplsTable					
		iption: This table holds PSN related			
	l pwMplsMplsType	read-write	YES	YES	This indicates the underlying tunnel types. For 'mpIsTE' only MPLS-TE tunnels must be used. If 'mpIsNonTE is specified then LDP and manual tunnels can be used. When there is no outer tunnel then 'pwonly' needs to be specified. However ZebOS doesn't support 'pwonly'. Default is Non-TE. While changing the PSN from non-TE to TE, the adminstrator needs to specify the tunnel ID for TE tunnel. For Non-TE case if XC index is not specified it will take up any XC with the same FEC. If specified (Static PSN) the XC index will be matched and picked up.
2	2 pwMplsExpBitsMode	read-write	YES	LTD	
					This object is set by the operator to determine the PW shim label EXP bits. The value of outerTunnel(1) is used where there is an outer tunnel pwMplsMplsType equals to mplsTe(0) or mplsNonTe(1). Note that in this case, there is no need to mark the PW label with the EXP bits, since the PW label is not visible to the intermediate nodes. ZebOS doesn't support other modes namely specifiedValue(2) and serviceDependant(3). The default value is outerTunnel.
3	pwMplsExpBits	read-write	YES	LTD	This object is set when pwMplsExpBitsMode is set to specifiedValue(2). ZebOS doesn't support this
	pwMplsTtl	read-write	YES	LTD	and so this value is set to 0. The object is set by the operator to indicate the PW TTL value to be used on the PW shim label. ZebOS doesn't support this and so the value is set to default value of 2.
5	pwMplsLocalLdpiD	read-write	YES	NO	LDP identifier of the LDP entity that creates this PW in the local node. As the PW labels are always set from the per-platform label space, the last two octets in the LDP ID MUST always both be ZebOs. In ZebOS currently this value is autoconfigured and cannot be changed, ie its readonly.
6	pwMplsLocalLdpEntityIndex	read-write	YES	NO	The local node LDP Entity Index of the LDP entity creating this PW. In ZebOS currently this value is autoconfigured and cannot be changed, ie its readonly.
7	pwMplsPeerLdpID	read-only	YES	NA	The peer LDP identifier of the LDP session. This object SHOULD return the value zero if LDP is not used or if the value is not yet known
8	B pwMplsStorageType	read-write	YES	LTD	This variable indicates the storage type for this row. ZebOS only supports Volatile though default in is nonVolatile.
pwMplsOutbo	undTable				ini is nonvoiatile.
		Description: PSN related parameter	ters. It will be created by default wh	en pwTable (RFC 5601) is activated.	
1	l pwMplsOutboundLsrXcIndex	read-write	YES	YES	Applicable only for mpIsNonTE case where this object returns the XC index. The XC index can be set only if the PSN is static. When LDP is used this object will be read only. For TE case this should have value of 0.
2	pwMplsOutboundTunnelIndex	read-write	YES	YES	Applicable only for mpIsTE case where this object returns the Tunnel Index. Also it can be set a TE tunnel .For NonTE case this will value 0.
3	pwMplsOutboundTunnelInstance	read-only	YES	NA	Applicable only for mpIsTE case. It returns the actual tunnel instance that is forwarding the traffic. ZebOS currently doesn't support this and is therefore set to default value of 0.
2	pwMplsOutboundTunnelLclLSR	read-write	YES	NO	This object is applicable if the pwMplsMplsType mplsTe(0) bit is set, and MUST return a value of all zeros otherwise. It is part of the set of indexes for the outbound tunnel. The operator sets this object to represent the desired tunnel head-end toward the peer for carrying the PW traffic. In ZebOS the operator just needs to give the TunnelIndex and thus this parameter is not used.
Ę	pwMplsOutboundTunnelPeerLSR	read-write	YES	NO	This object is applicable if the pwMplsMplsType mplsTe(0) bit is set, and MUST return a value of all zeros otherwise. It is part of the set of indexes for the outbound tunnel. The operator sets this object to represent the desired tunnel head-end toward the peer for carrying the PW traffic In ZebOS the operator just needs to give the TunnelIndex and thus this parameter is not used.
6	pwMplsOutboundIfIndex	read-write	YES	LTD	This object is applicable if the pwMpIsMpIsType pwOnly(0) bit is set, and MUST return a value of zero otherwise.The operator configures the ifIndex of the outbound port in this case. ZebOS doesn't support pwOnly so this will always be set to value 0.
7	pwMplsOutboundTunnelTypeInUse	read-only	YES	NA	This object indicates the current tunnel that is carrying the PW traffic. The value of notYetKnown(1) should be used if the agent is currently unable to determine which tunnel or interface is carrying the PW, for example, because both tunnels are in operational status down.

pwMplsInbour	ndTable				
1	pwMplsInboundXcIndex	read-only	YES		XC index representing this PW in the inbound direction. It MUST return the value zero if the information is not yet known.
pwMplsNonTeN	MappingTable				
1	pwMplsNonTeMappingDirection	not-accessible	NA	NA	Not Accessible
2	pwMplsNonTeMappingXcIndex	not-accessible	NA	NA	Not Accessible
3	pwMplsNonTeMappingIfIndex	not-accessible	NA	NA	Not Accessible
4	pwMplsNonTeMappingPwIndex	read-only	YES	NA	Value that represents the PW in the pwTable
			pwMplsTeMappingTable		
1	pwMplsTeMappingTunnelIndex	not-accessible	NA	NA	Not-Accessible
2	pwMplsTeMappingTunnelInstance	not-accessible	NA	NA	Not-Accessible Not-Accessible
3	pwMplsTeMappingTunnelPeerLsrID	not-accessible	NA	NA	Not-Accessible
4	pwMplsTeMappingTunnelLocalLsrID	not-accessible	NA	NA	Not-Accessible
5	pwMplsTeMappingPwIndex	read-only	YES	NA	object returns the value that represents the PW in the pwTable

			MAX-ACCESS/			
OBJECT NO	ENTRY NO	ENTRY NAME	TEMPLATE	Support for GET	Support for SET	Comments
pwEnetTable	1					
	1 1	pwEnetPwInstance	not-accessible	NA	NA	Index to uniquely identify the individual row.
	2	2	read-create			alitant defining the desired delimitation AM AN Cald
						object defines the (service-delimiting) VLAN field
						value on the PW. The value 4095 MUST be used if the
						object is not applicable, for example, when mapping all
		pwEnetPwVlan				packets from an Ethernet port to this PW (raw mode).
						The value 0 MUST be set to indicate untagged frames
						(from the PW point of view), i.e., when pwEnetVlanMode
						equals 'noChange' and pwEnetPortVlan equals 0.
				YES	YES	When pwEnetVlanMode equals 'noChange' this value has the same value as pwEnetPortVlan.
	3	3	read-create			This ship at its disease about a fall AN houself to be a constant and the DM constant
		pwEnetVlanMode				This object indicates the mode of VLAN handling between the port and the PW encapsulation.
				1/50	VEC	ZebOS supports "noChange(2)" in which pwEnetPWVlan will have the same value as
	 			YES	YES	pwEnetPortVlan and portBased.
	4	'				This object defines if the mapping between the original port
						(physical port or VPLS virtual port) to the PW is VLAN based
						or not. In case of VLAN mapping, this object indicates the VLAN value on the original port.
						The value of '4095' MUST be used if the whole original port
		pwEnetPortVlan	read-create			traffic is mapped to the same PW. This object MUST be equal to pwEnetPwVlan if
						pwEnetVlanMode equals 'noChange' which is what ZebOS supports.
						The value 0 indicates that packets without a VLAN field (i.e., untagged frames) on the port are
						associated to this PW. This allows the same behavior as assigning 'Default
				YES	YES	VLAN' to untagged frames
				123	123	This object is used to specify the ifindex of the Ethernet
						port associated with this PW for point-to-point Ethernet
						service, or the ifIndex of the virtual interface of the
						VPLS instance associated with the PW if the service is VPLS. Two rows in this table can point to the
	5	pwEnetPortIfIndex	read-create			same ifIndex
						only if there is no overlap of VLAN values specified in
						pwEnetPortVlan that are associated with this port.
						A value of zero indicates that association to an ifIndex is
				YES	YES	not yet known
						If the PW is modeled as an ifIndex in the ifTable, this
						object indicates the value of the ifIndex representing the
		pwEnetPwIfIndex	read-create			Ethernet PW on the PSN side in the Etherlike-MIB. Note that
		pwEnetPwinidex	reau-create			this value may be different from the value of pwlflndex that represents the iflndex of the PW for
						ifType 'pw.
	6	5		YES	LTD	ZebOS doesnt support this model hence value will be set to 0.
		pwEnetRowStatus	read-create			This object enables creating, deleting, and modifying this
	7	7 Pwenethowstatus	icad-create	YES	YES	row
		pwEnetStorageType	read-create			object indicates the storage type of this row. ZebOS only supports Volatile however default is non-
	8	3 2	.coa create	YES	LTD	volatile
pwEnetStatsTable						
		pwEnetStatsIllegalVlan	read-only	NO	NA	Traffic parameter. Currently not supported in ZebOS
	2	pwEnetStatsIllegalLength	read-only	NO	NA	Traffic parameter. Currently not supported in ZebOS

	OBJECT NO	ENTRY NAME	MAX-ACCESS/ TEMPLATE	Support for GET	Support for SET	Comments
mplsLdpLsrObjects	1	mplsldplsrid	read-only	YES	NA NA	The Label Switching Routers Identifier.
	J .	mplsLdpLsrLoopDetectionCapable	read-only	YES	NA NA	A indication of whether this
	2	mpiscupesi coopbetection capable	reau-only	165	IVA	Label Switching Router supports loop detection
mplsLdpEntityObject s						
-	1	mplsLdpEntityLastChange	read-only	YES	NA	The value of sysUpTime at the most recent change in value of any objects in the mplsLdpEntityTable
	2	mplsLdpEntityIndexNext	read-only	YES	NA	Value to be used for mplstdpEntityIndex when creating
and Decide Table						entries in the mplsLdpEntityTable.
mplsLDPEntity Table	1	mplsLdpEntityLdpId	not-accessible	NA NA	NA	The LDP identifier.
	2	mplsLdpEntityIndex	not-accessible	NA NA	NA NA	This index is used as a secondary index to uniquely identify this row.One way to use this index is to give this the value of ifindex.
	3	mplsLdpEntityProtocolVersion	read-create	YES	YES	The version number of the LDP protocol which will be used in the session initialization message.
i	4	mplsLdpEntityAdminStatus	read-create	YES	YES	The administrative status of this LDP Entity.
	5	mplsLdpEntityOperStatus	read-only	YES	NA	The operational status of this LDP Entity
-	6	mplsLdpEntityTcpPort	read-create	YES	LTD	The TCP Port for LDP. The default value is the well-known value of this port.
	7	mplsLdpEntityUdpDscPort	read-create	YES	LTD	The UDP Discovery Port for LDP. The default value is the well-known value for this port.
8	8	mplsLdpEntityMaxPduLength	read-create	YES	YES	The maximum PDU Length that is sent in the Common Session Parameters of an Initialization Message.
Ġ	9	mplsLdpEntityKeepAliveHoldTimer	read-create	YES	YES	The 16-bit integer value which is the proposed keep alive hold timer for this LDP Entity.
	10	mplsLdpEntityHelloHoldTimer	read-create	YES	YES	The 16-bit integer value which is the proposed Hello hold timer for this LDP Entity.
	11	mplsLdpEntityInitSessionThreshol d	read-create	YES	YES	
	12	mplsLdpEntityLabelDistMethod	read-create	YES	YES	For any given LDP session, the method of label distribution must be specified.
	13	mplsLdpEntityLabelRetentionMod e	read-create	YES	YES	The LDP Entity can be configured to use either conservative or liberal label retention mode.
	15	mplsLdpEntityPathVectorLimit mplsLdpEntityHopCountLimit	read-create	YES	YES	If the value of this object is 0 (zero) then Loop Detection for Path Vectors is disabled. If the value of this object is 0 (zero), then Loop Detection using Hop Counters is disabled.
	16	mplsLdpEntityTransportAddrKind	read-create read-create	YES	LTD	This specifies whether the loopback or interface address is to be used as the transport address in the transport address IV of the hello message.
	17	mplsLdpEntityTargetPeer	read-create	YES	YES	If this LDP entity uses targeted peer then set this to true.
	18	mplsLdpEntityTargetPeerAddrTyp	read-create	YES	LTD	The type of the internetwork layer address used for the Extended Discovery.
	19	mplsLdpEntityTargetPeerAddr	read-create	YES	YES	The value of the internetwork layer address used for the Extended Discovery.
	20 21	mplsLdpEntityLabelType mplsLdpEntityDiscontinuityTime	read-create read-only	YES YES	YES NA	Specifies the optional parameters for the LDP Initialization Message. The value of sysUpTime on the most recent occasion at which any one or more of this entity's
	22	mplsLdpEntityStorageType	read-create	YES	LTD	counters suffered a discontinuity. The storage type for this conceptual row. Conceptual rows having the value 'permanent(4)' need not allow write-access to any columnar
	23	mplsLdpEntityRowStatus	read-create	YES	YES	objects in the row. The status of this conceptual row.
mplsLdpEntityStatsTab		mpiscapentityNowStatus	read create	123	123	The status of this conceptual row.
	1	mplsLdpEntityStatsSessionAttemp	read-only	YES	NA NA	statistical information related to failed attempts to establish sessions. this counter counts the number of session initializations that failed.
:	2	ts mplsLdpEntityStatsSessionRejecte	read-only	YES	NA	A count of the Session Rejected/No Hello Error Notification Messages sent or received by this LDP
:	3	dNoHelloErrors mplsLdpEntityStatsSessionRejecte	read-only	YES	NA	Entity. A count of the Session Rejected/Parameters Advertisement Mode Error Notification Messages sen
,	4	dAdErrors mplsLdpEntityStatsSessionRejecte	read-only	YES	NA	or received by this LDP Entity. A count of the Session Rejected/Parameters Max Pdu Length Error Notification Messages sent or
ļ	5	dMaxPduErrors mplsLdpEntityStatsSessionRejecte	read-only	YES	NA	received by this LDP Entity. A count of the Session Rejected/Parameters Label Range Notification Messages sent or received b
1	6	dLRErrors mplsLdpEntityStatsBadLdpIdentifi	read-only	YES	NA	this LDP Entity. This object counts the number of Bad LDP Identifier Fatal Errors detected by the session(s) (past
:	7	erErrors mplsLdpEntityStatsBadPduLength	read-only	YES	NA	and present) associated with this LDP Entity. This object counts the number of Bad PDU Length Fatal Errors detected by the session(s) (past and
		Errors				present) associated with this LDP Entity.
1	8	mplsLdpEntityStatsBadMessageLe ngthErrors	read-only	YES	NA	This object counts the number of Bad Message Length Fatal Errors detected by the session(s) (pas and present) associated with this LDP Entity.

ENTRY NO	OBJECT NO	ENTRY NAME	MAX-ACCESS/	Support for GET	Support for SET	Comments
			TEMPLATE			
	10	mplsLdpEntityStatsMalformedTlv	read-only	YES	NA	This object counts the number of Malformed TLV Value Fatal Errors detected by the session(s) (past
		ValueErrors				and present) associated with this LDP Entity.
	11	mplsLdpEntityStatsKeepAliveTime	read-only	YES	NA	This object counts the number of Session Keep Alive Timer Expired Errors detected by the
		rExpErrors				session(s) (past and present) associated with this LDP Entity.
	12	mplsLdpEntityStatsShutdownRece	read-only	YES	NA	This object counts the number of Shutdown Notifications received related to session(s) (past and
		ivedNotifications				present) associated with this LDP Entity.
	13	mplsLdpEntityStatsShutdownSent	read-only	YES	NA	This object counts the number of Shutdown Notfications sent related to session(s) (past and
		Notifications				present) associated with this LDP Entity.
mplsLdpSessionOb	jects					
		mplsLdpPeerLastChange	read-only	YES	NA	The value of sysUpTime at the time of the most recent addition or deletion to/from the
						mplsLdpPeerTable/mplsLdpSessionTable

ENTRY NO	OBJECT NO	ENTRY NAME	MAX-ACCESS/ TEMPLATE	Support for GET	Support for SET	Comments
mplsLdpPeerTable						
				NA NA	NA NA	The LDP identifier of this LDP Peer.
	2	mplsLdpPeerLdpId mplsLdpPeerLabelDistMethod	not-accessible read-only	YES	NA NA	For any given LDP session, the method of label distribution must be specified
	3	mplsLdpPeerPathVectorLimit	read-only	YES	NA NA	If the value of this object is 0 (zero) then Loop Dection for Path Vectors for this Peer is disabled.
	4	mplsLdpPeerTransportAddrType	read-only	YES	NA	The type of the Internet address for the mplstdpPeerTransportAddr object.
	5	mplsLdpPeerTransportAddr	read-only	YES	NA	The Internet address advertised by the peer in the Hello Message or the Hello source address.
mplsLdpSessionTable						in the riche message of the riche source address.
	1	mplsLdpSessionStateLastChange	read-only	YES	NA	The value of sysUpTime at the time this Session entered its current state as denoted by the mplsLdpSessionState object.
	2	mplsLdpSessionState	read-only	YES	NA	The current state of the session, all of the states 1 to 5 are based on the state machine for session negotiation behavior
	3	mplsLdpSessionRole	read-only	YES	NA	During session establishment the LSR/LER takes either the active role or the passive role based on address comparisons.
	4	mplsLdpSessionProtocolVersion	read-only	YES	NA NA	The version of the LDP Protocol which this session is using.
	5	mplsLdpSessionKeepAliveHoldTim eRem	read-only	YES	NA NA	The keep alive hold time remaining for this session.
	6	mplsLdpSessionKeepAliveTime	read-only	YES	NA	The negotiated KeepAlive Time which represents the amount of seconds between keep alive messages.
•	7	mplsLdpSessionMaxPduLength	read-only	YES	NA	The value of maximum allowable length for LDP PDUs for this session.
	8	mplsLdpSessionDiscontinuityTime	read-only	YES	NA	The value of sysUpTime on the most recent occasion at which any one or more of this session's counters suffered a discontinuity.
mplsLdpSessionStatsT	able					
	1	mplsLdpSessionStatsUnknownMe sTypeErrors	read-only	YES	NA	This object counts the number of Unknown Message Type Errors detected by this LSR/LER during this session.
	2	mplsLdpSessionStatsUnknownTlvE rrors	read-only	YES	NA	This object counts the number of Unknown TLV Errors detected by this LSR/LER during this session.
mplsLdpHelloAdjacen	cyTable					
	1	mplsLdpHelloAdjacencyIndex mplsLdpHelloAdjacencyHoldTime	not-accessible read-only	NA YES	NA NA	An identifier for this specific adjacency If the value of this object is 65535, this means that the hold time is infinite
		Rem	-			(i.e., wait forever).
	,	mplsLdpHelloAdjacencyHoldTime	read-only	YES	NA	The Hello hold time which is negotiated between the Entity and the Peer.
		mplsLdpHelloAdjacencyType	read-only	YES	NA	This adjacency is the result of a 'link' hello if the value of this object is link(1). Otherwise, it is a result of a 'targeted' hello, targeted(2).
mplsInSegmentLdpLsp	Table 1	l mpisinSegmentLdpLspindex	not-accessible	NA	NA	This contains the same value as the mplsInSegmentIndex in the
	2	mplsInSegmentLdpLspLabelType	read-only	NO	NA	MPLS-LSR-STD-MiB's mplsinSegmentTable. The Layer 2 Label Type.
10.00		mplsInSegmentLdpLspType	read-only	NO	NA	The type of LSP connection.
mplsOutSegmentLdpL	sp i able	I mplsOutSegmentLdpLspIndex	not-accessible	NA	NA	This contains the same value as the mpIsOutSegmentIndex in the
	2	mplsOutSegmentLdpLspLabelType	read-only	YES	NA	MPLS-LSR-STD-MIB's mplsOutSegmentTable. The Layer 2 Label Type.
mplsFecObjects	3	mplsOutSegmentLdpLspType	read-only	YES	NA	The type of LSP connection.
IIIpisrecobjects	1	. mplsFecLastChange	read-only	YES	NA	The value of sysUpTime at the time of the most recent addition/deletion of an entry to/from the mplsLdpFectTable
	2	mplsFecIndexNext	read-only	YES	NA	This object contains an appropriate value to be used for mplsFecIndex when creating entries in the mplsFecTable
mplsFecTable		15.11		A.:	411	
	1	mplsFecIndex	not-accessible	NA VEC	NA NO	The index which uniquely identifies this entry.
	3	mplsFecType mplsFecAddrType	read-write read-write	YES YES	NO NO	The type of the FEC. The value of this object is the type of the Interner address.
	4	mplsFecAddr	read-write	YES	NO NO	The value of this object is interpreted based on the value of the 'mplsFecAddrType' object.
	5 6	mplsFecAddrPrefixLength mplsFecStorageType	read-write read-write	YES YES	NO NO	If the value of the 'mplsFecType' is 'hostAddress(2)' then this object is undefined. The storage type for this conceptual row.
	7	mplsFecRowStatus	read-write	YES	NO NO	The status of this conceptual row.
mplsLdpLspFecLastCh	ange					
		mplsLdpLspFecLastChange	read-only	YES	NA	The value of sysUpTime at the time of the most recent addition/deletion of an entry to/from the mplsLdpls.pFecTable
mplsLdpLspFecTable						
	1	mplsLdpLspFecSegment	not-accessible	NA	NA	It contains either inSegment(1) or outSegment(2).

ENTRY NO	OBJECT NO	ENTRY NAME	MAX-ACCESS/	Support for GET	Support for SET	Comments
			TEMPLATE			
		2 mplsLdpLspFecSegmentIndex	not-accessible	NA	NA	This index is interpretted by using the value of the mplsLdpLspFecSegment.
		3 mplsLdpLspFecIndex	not-accessible	NA	NA	The value of this index is the same as the value of the mplsFecIndex
						that denotes the FEC associated with this Session.
		4 mplsLdpLspFecStorageType	read-write	YES	NO	The storage type for this conceptual row.
		5 mplsLdpLspFecRowStatus	read-write	YES	NO	The status of this conceptual row
mplsLdpSessionPe	erAddrTable					
		1 mplsLdpSessionPeerAddrIndex	not-accessible	NA	NA	An index which uniquely identifies this entry within a given session.
		2 mplsLdpSessionPeerNextHopAddr	read-only	YES	NA	The internetwork layer address type of this Next Hop Address as specified in the Label Address
		Type				Message
		•				associated with this Session.
		3 mplsLdpSessionPeerNextHopAddr	read-only	YES	NA	The next hop address
			1			

			MAX-ACCESS/				
OBJECT NO	ENTRY NO	ENTRY NAME	TEMPLATE	Summert for CET	Support for SET	Commonto	
mplsTeScalars	ENTRY NO	ENTRY NAME	TEMPLATE	Support for GET	Support for SET	Comments	
mpistescalars	1	mplsTunnelConfigured	read-only	YES	NA	The number of tunnels configured on this device. A tunnel is considered configured if the	
	-	mpistumercomigureu	read only	1123	NO.	mplsTunnelRowStatus is active(1)	
	2	mplsTunnelActive	read-only	YES	NA	The number of tunnels active on this device. A tunnel is considered active if the	
	_		, , ,	1.2		mplsTunnelOperStatus is up(1)	
	3	mplsTunnelTeDistProto	read-only	YES	NA	The traffic engineering distribution protocol(s) used by this LSR. Note that an LSR may support	
		·	,			more than one distribution protocol simultaneously.	
	4	mplsTunnelMaxHops	read-only	YES	NA	The maximum number of hops that can be specified for a tunnel on this device.	
		mplsTunnelNotificationMaxRate	read-only	YES	NA NA	This indicates the maximum number of notifications issued per second. If events occur more	
	٦	mpistamiciwotineationwaxiate	read only	125	NA .	rapidly, the implementation may simply fail to emit these notifications during that period, or may	
						queue them until an appropriate time.	
mplsTunnelTable		,	•			quede them direction appropriate time.	
1	1	mplsTunnelIndex	not-accessible	NA	NA	Uniquely identifies a set of tunnel instances between a pair of ingress and egress LSRs.	
	2	mplsTunnelInstance	not-accessible	NA	NA	Uniquely identifies a particular instance of a tunnel.	
	3	mplsTunnelIngressLSRId	not-accessible	NA	NA	Identity of the ingress LSR	
	4	mplsTunnelEgressLSRId	not-accessible	NA	NA	Identity of the egress LSR	
	5	mplsTunnelName	read-create	YES	YES	The canonical name assigned to the tunnel. It is showing some extra character after the assigned	
		 				name.	
	ь	mplsTunnelDescr	read-create	YES	YES	A textual string containing information about the tunnel. showing some extra character after the	
	7	mplsTunnellsIf	read-create	YES	NA	assigned name. Not supported in ZebOS backend.	
	9	mplsTunnelisir	read-create read-only	YES	NA NA	Not supported in ZebOS backend. Not supported in ZebOS backend.	
	9	mplsTunnelOwner	read-only	YES	NA NA	Retrieves the entity that is responsible for managing tunnel.	
	10	mplsTunnelRole	read-create	YES	LTD	This value signifies the role that this tunnel instrace represents. It is by default takes head(1).	
	10	mpistamentoic	redu eredte	125	2.5	This folde significs the fole that this tallier historice represents to a by deladit talkes head(2).	
	11	mplsTunnelXCPointer	read-create	YES	NO	This variable points to a row in the mplsXCTable. In XCTable, if I do the GET Operation after	
		,				creation, NSM awas getting crashed.	
	12	mplsTunnelSignallingProto	read-create	YES	LTD	It retrieves "RSVP" by default.	
	13	mplsTunnelSetupPrio	read-create	YES	YES	Indicates the setup priority of this tunnel.	
	14	mplsTunnelHoldingPrio	read-create	YES	LTD	Indicates the hold priority of this tunnel.	
	15	mplsTunnelSessionAttributes	read-create	YES	NO	This bit mask indicates optional session values for tunnel. It is by default takes isPersistent ans	
						isPinned.	
	16	mplsTunnelLocalProtectInUse	read-create	YES	LTD	Indicates that the local repair mechanism is in use to maintain tunnel.	
	17	mplsTunnelResourcePointer	read-create	YES	YES	Points to an entry in resource Table. The offset value during set operation was not correct and it is	
	18		and only	YES	NA	returning ASCII value of the number.	
	19	mplsTunnelPrimaryInstance mplsTunnelInstancePriority	read-only read-create	YES	NO	Specifies the instance index of the primary instance of this tunnel. Indicates the priority of the instance of a given tunnel.	
	20	mplsTunnelHopTableIndex	read-create	YES	YES	It points to an index of an entry in HopTable. Many tunnels can be mapped to same entry in	
	20	mpistumentop tublemaex	read create	1123	123	HopTable	
	21	mplsTunnelPathInUse	read-create	YES	NO	It retreives the index of any entry in HopTable tunnel is using for transmission.	
	22	mplsTunnelARHopTableIndex	read-only	YES	NA	ARHopTable is not implemented. So it retreives 0 be default.	
	23	mplsTunnelCHopTableIndex	read-only	YES	NA	CHopTable is not implemented. So it retreives 0 be default.	
	24	mplsTunnelIncludeAnyAffinity	read-create	YES	NO	Both Set and Get for this object is working fine.	
	25	mplsTunnelIncludeAllAffinity	read-create	YES	NO	Both Set and Get for this object is working fine.	
	26	mplsTunnelExcludeAnyAffinity	read-create	YES	NO	Both Set and Get for this object is working fine.	
	27	mplsTunnelTotalUpTime	read-only	YES	NA	represents the aggregate up time for all instances of this tunnel.	
	28	mplsTunnelInstanceUpTime	read-only	YES	NA	identifies the total time that this tunnel instance's operStatus has been Up.	
	30	mplsTunnelPrimaryUpTime	read-only	YES YES	NA NA	Specifies the total time the primary instance of this tunnel has been active.	
		mplsTunnelPathChanges	read-only			Specifies the number of times the actual path for this tunnel instance has changed.	
	31	mplsTunnelLastPathChange mplsTunnelCreationTime	read-only read-only	YES YES	NA NA	Specifies the time since the last change to the ctual path for this tunnel instance. Specifies the value of SysUpTime when the first instance of this tunnel came into existence.	
	34	mporumeicreadontime	i cau-only	1123	INA.	Specifies the value of sysoprime when the first installed of this turner came into existence.	
	33	mplsTunnelStateTransitions	read-only	YES	NA	Specifies the number of times the state of this tunnel instance has changed.	
			,	1		appearance and managed or other states or other transferred managed.	
		mplsTunnelAdminStatus	read-write	YES	LTD	"Indicates the desired admin status of this	
	34					tunnel."	
	35	mplsTunnelOperStatus	read-only	YES	NA	Indicates the desired operational status of the tunnel.	
	36	mplsTunnelRowStatus	read-create	YES	YES	Get Operation on this object was based on whether the session is Up or Not. If the session is Up, it	
						was retreiving Active otherwise NotInService. It should be retreived based on Actual value of	
		<u> </u>				object.	
	37	mplsTunnelStorageType	read-create	YES	YES	The storage type for this tunnel entry. It is by default "volatile".	
mplsTunnelHopListIndexNext		1 - 10 11 11 11 11	1	Luca	l	man and a second	
		mplsTunnelHopListIndexNext	read-only	YES	NA	This object contains an appropriate value to be used for mplsTunnelHopListIndex when creating	
mplsTunnelHopTable						entries in the mplsTunnelHopTable	
mpistumemoprable	2	mplsTunnelHopListIndex	not-accessible	NA	NA	Primary index identifying a particular explicit route object.	
<u></u>	3	mplsTunnelHopPathOptionIndex	not-accessible	NA NA	NA NA	Secondary index into this table identifying a particular group of hops.	
	4	mplsTunnelHopIndex	not-accessible	NA NA	NA NA	Tertiary index into this table identifying a particular hop.	
			THE GULLISHING				
	5		read-create	YES	LTD	The Hop Address Type of this tunnel hop. Default value is lov4.	
	5	mplsTunnelHopAddrType	read-create read-create	YES YES	YES TO SEE THE	The Hop Address Type of this tunnel hop. Default value is Ipv4. Get anf GetNext operation on mplsTunnelHopIpAddr was retreiving from invalied location. Now it	
	5					The Hop Address Type of this tunnel hop. Default value is lpv4. Get anf GetNext operation on mplsTunnelHopIpAddr was retreiving from invalied location. Now it is set to proper location	
	5 6	mplsTunnelHopAddrType				Get anf GetNext operation on mplsTunnelHopIpAddr was retreiving from invalied location. Now it	

			MAX-ACCESS/				
OBJECT NO ENT	NTRY NO	ENTRY NAME	TEMPLATE	Support for GET	Support for SET	Comments	
8		mplsTunnelHopAsNumber	read-create YES NO		NO	Set for this object is not supported at back end.	
9		mplsTunnelHopAddrUnnum	read-create YES		NO	Set for this object is not supported at back end.	
10)	mplsTunnelHopLspld	read-create YES		NO	Set for this object is not supported at back end.	
	11	mplsTunnelHopType	read-create	YES	YES	Denotes whether this tunnel hop is routed in a strict or loose fashion. The value of this object	
						has no meaning if the mplsTunnelHopInclude object is set to 'false'."	
12	2	mplsTunnelHopInclude	read-create	YES	LTD	Denotes whether the particular hop is included or not. It is set to default value "include" always.	
13	13 mplsTunnelHopPathOptionName		read-create	YES	YES	The description of this series of hops as they relate to the specified path option. It is showing some	
						extra character after the assigned name.	
14	1	mplsTunnelHopEntryPathComp	read-create	YES	YES	It determines whether the path mentioned is explicit or through CSPF.	
15	5	mplsTunnelHopRowStatus	read-create	YES	YES	When Rowstatus is set to Active from NotInService,Get Operation on mpIsHopIpAddr was not	
						returning any values and later On Get Walk operation, it was not returning values of all objects.	
						And also if it is tried to set of NotInService, It was getting failed.	
16	5	mplsTunnelHopStorageType	read-create	YES	YES	The storage type for this tunnel hop entry. It is by default "volatile".	

			MAX-ACCESS/				
OBJECT NO	ENTRY NO	ENTRY NAME	TEMPLATE	Support for GET	Support for SET	Comments	
mplsTunnelResourceTable	ENTRINO	ENTRI NAME	TEMPERIE	Support for GET	Support for SET	Comments	
mpis runnerkesource rable	4 1	mplsTunnelResourceIndexNext	read-only	YES	NA	Retrieves the next index of mpIsTunnelresource Entry	
	2	mplsTunnelResourceIndex	not-accessible	NA NA	NA NA	Unique index for mplsTunnelResource table	
	3	mplsTunnelResourceMaxRate	read-create	YES	YES	The maximum rate in bits/second	
	J	mplsTunnelResourceMeanRate	read-create	YES	YES	This object is copied into an instance of mplsTrafficParamMeanRate in the mplsTrafficParamTable.	
	4	mpis i unineikesourceivieankate	reau-create	153	163	It is not getting copied to mplsInSegmentTrafficParamPtr.	
	-	mplsTunnelResourceMaxBurstSize	read-create	YES	YES	The maximum burst size in bytes.	
	6	mplsTunnelResourceMeanBurstSize	read-create	YES	YES	The mean burst size in bytes.	
	0	inpis runneikesourceivieanburstsize	reau-create	TES	TES	The mean burst size in bytes.	
	7	mplsTunnelResourceExBurstSize	read-create	YES	YES	The Excess burst size in bytes.	
	,		read-create	YES	YES	The granularity of the availability of committed rate. It takes all 3 values, unspecified(1),	
	8	mplsTunnelResourceFrequency	read-create	TES	1E2		
	0			VEC	VEC	frequent(2), veryFrequent(3)	
		mplsTunnelResourceWeight mplsTunnelResourceRowStatus	read-create read-create	YES YES	YES YES	The relative weight for using excess bandwidth above its committed rate. RowStatus is working fine. Both transition from NotinService to Active and vice versa.	
	11	mplsTunnelResourceStorageType	read-create	YES	YES	The storage type for this tunnel resource entry. It is by default "volatile".	
mplsTunnelARHop Table		1 = 1400 1101		Tara .	Tava.		
	5 1	mplsTunnelARHopListIndex	not-accessible	NA	NA	Primary index into this table identifying a particular recorded hop list.	
	2	mplsTunnelARHopIndex	not-accessible	NA NO	NA	Secondary index into this table identifying the particular hop.	
	3	mplsTunnelARHopAddrType	read-only	NO	NA	The Hop Address Type of this tunnel hop.	
	4	mplsTunnelARHoplpAddr	read-only	NO	NA	The Tunnel Hop Address for this tunnel hop.	
	5	mplsTunnelARHopAddrUnnum	read-only	NO	NA	If mplsTunnelARHopAddrType is set to unnum(4), then this value will contain the interface	
	_					identifier of the unnumbered interface for this hop.	
	6	mplsTunnelARHopLspId	read-only	NO	NA	If mplsTunnelARHopAddrType is set to lspid(5), then	
						this value will contain the LSP ID of this hop otherwise 0.	
mplsTunnelCHopTable							
		mplsTunnelCHopListIndex	not-accessible	NA	NA	Primary index into this table identifying a particular computed hop list.	
		mplsTunnelCHopIndex	not-accessible	NA	NA	Secondary index into this table identifying the particular hop.	
		mplsTunnelCHopAddrType	read-only	NO	NA	The Hop Address Type of this tunnel hop.	
	4	mplsTunnelCHopIpAddr	read-only	NO	NA	The Tunnel Hop Address for this tunnel hop.	
		mplsTunnelCHopIpPrefixLen				this value will contain an appropriate prefix length for the IP address in object	
						mplsTunnelCHopIpAddr.	
		mplsTunnelCHopAsNumber				This is not supported in backend.	
		mplsTunnelCHopAddrUnnum	read-only	NO	NA	This is not supported in backend.	
	6	mplsTunnelCHopLspId	read-only	NO	NA	If mplsTunnelARHopAddrType is set to lspid(5), then	
						this value will contain the LSP ID of this hop otherwise 0.	
	7	mplsTunnelCHopType	read-only	NO	NA	Denotes whether this tunnel hop is routed in a	
						strict or loose fashion.	
mplsTunnelPerfTable					<u> </u>		
		mplsTunnelPerfPackets	read-only	YES	NA	Number of packets forwarded by the tunnel.	
		mplsTunnelPerfHCPackets	read-only	YES	NA	High capacity counter for number of packets forwarded by the tunnel.	
		mplsTunnelPerfErrors	read-only	YES	NA	Number of packets dropped because of errors	
		mplsTunnelPerfBytes	read-only	YES	NA	Number of bytes forwarded by the tunnel.	
	5	mplsTunnelPerfHCBytes	read-only	YES	NA	High capacity counter for number of bytes forwarded by the tunnel.	
CR-LDP Tunnel Resource Table							
	8 1					Not Supported in ZebOS backend.	
mplsTunnelNotification							
	1	mplsTunnelNotificationEnable	read-write	YES	YES	If this object is true, then it enables the generation of mpIsTunnelUp and mpIsTunnelDown traps,	
						otherwise these traps are not emitted.	
	2	mplsTunnelIndexNext	read-only	YES	NA	This indicates the next index value of the tunnel	
	3	mplsTunnelResourceIndexNext	raad-only	YES	NA	this indicates the next value of the resource index	
NOTIFICATIONS							
mplsTunnelNotificationsEnable							
·		read-write			Both SET and GET operation is working accordingly.		
		mplsTunnelUp	read-only			Get operation is working fine.	
		mplsTunnelDown	read-only			Get operation is working fine.	
		mplsTunnelRerouted	read-only			Get operation is working fine.	
		p.z.zicincrouteu	17	1	1	less shares a second me	

	MAX-ACCESS/					
OBJECT NO	ENTRY NO	ENTRY NAME	TEMPLATE	Support for GET	Support for SET	Commonto
MPLS Interfac		ENTRY NAME	TEMPLATE	Support for GET	Support for SET	Comments
1	1	mplsInterfaceIndex	not-accessible	NA	NA	Unique index for mplsInterface Table
	2	mplsInterfaceLabelMinIn	read-only	YES	NA	retrieved minimum value of an MPLS label supported receiving on the interface
	3	mplsInterfaceLabelMaxIn	read-only	YES	NA	retrieved maximum value of an MPLS label supported receiving on the interface
	4	mplsInterfaceLabelMinOut	read-only	YES	NA	retrieved minimum value of an MPLS label supported sending on the interface
	5	mplsInterfaceLabelMaxOut	read-only	YES	NA .	retrieved maximum value of an MPLS label supported sending on the interface
	6	mplsInterfaceTotalBandwidth	read-only	YES	NA	indicates the total amount of usable bandwidth on this interface
	7	mplsInterfaceAvailableBandwid		YES	NA	indicates the total amount of available bandwidth available on this interface
	0	mplsInterfaceLabelParticipation	,	YES	NA	
mplsInterface	PorfEntry	InpisinteriaceLaber articipation	read-only	TES	INA	indicates whether it is per platform/interface label space
прізпістисс	CITCHET		l	1		counts the number of labels that are in use at this point in time on this interface in the
	1	mplsInterfacePerfInLabelInUse	read-only	YES	NA	incoming direction
						counts the number of labeled packets that have been received on this interface and which
						were discarded because there was no matching cross-connect entry
	2	and alate of a selection of all and a	and only	YES	NA	were discarded because there was no matching cross-connect entry
	2	mplsInterfacePerfInLabelLooku	read-only	TES	NA .	
1	3	mplsInterfaceperfOutLabelInUse	read-only	YES	NA	counts the number of top-most labels in the outgoing label stacks that are in use at this
			,	1	1 1 1	point in time on this interface.
	4	mplsInterfacePerfOutFragmente	read-only	YES	NA	counts the number of outgoing MPLS packets that required fragmentation before
	*	Impisinteriacer erroda raginente	read only	120	101	transmission on this interface
MPLS InSegme	ent Table					
2						
	1	mplsInSegmentIndexNext	read-only	YES	NA	Retreives the next index value of mplsInSegment Entry
	2	mplsInSegmentIndex	not-accessible	NA	NA	Unique Index of mplsInsegment table
						Depend on RowStatus object bug, Also,In GET operation, it is retreiving gifindex of the
	3	mplsInSegmentInterface		YES	YES	interface, But In SET operation, the value should be ifindex of the interface. It should be
			read-create			made common.
	4	mplsInSegmentLabel	read-create	YES	YES	Depend on RowStatus object bug
	5	mplsInSegmentLabelPtr	read-create	YES	YES	Depend on RowStatus object bug
	6	mplsInSegmentNPop	read-create	YES	YES	Depend on RowStatus object bug
	7	mplsInSegmentAddrFamily	read-create	YES	YES	Depend on RowStatus object bug
	0	mplsInSegmentXCIndex		YES	NA NA	
	0	ImpisingegmentAcindex	read-only		INA	Retreives cross-connect entry this segment is part of.
	9	mplsInSegmentOwner	read-only	YES	NA	Denotes the entity which created and is responsible for managing this segment. CLI(9) and
				VEO	VE2	retreived.
	10	mplsInSegmentTrafficParamPtr	read-create	YES	YES	Depend on RowStatus object bug
						GET operation is working fine. In SET operation, there is a problem in converting from
				l		NotInService(2) to Active(1). Memory corruption was taking place during copy from
	11	mplsInSegmentRowStatus	read-create	YES	YES	ilm_temp to ilm. An extra memory should be added to copy ip address of type pal_in4_add
						and it is fixed. And also Destroy(6) was not removing ilm entry and it is fixed now.
						and it is liked. And also Desiroy(b) was not removing lim entry and it is liked now.
	12	mplsInSegmentStorageType	read-create	YES	YES	Depend on RowStatus object bug
		If the entry in InsegmentTable is	deleted, corresponding XC ent	ry should also get deleted. Since	that XC Entry will become orpha	n.lt has to be deleted.
		, ,		·	mpisinSegmentPerfTable Tabl	
_		mplsInSegmentPerfOctets	need eate.	YES		ń.
3			read-only		NA	total number of octets received by this segment.
		mplsInSegmentPerfPackets	read-only	YES	NA	total number of packets received by this segment.
1		mplsInSegmentPerfErrors	read-only	YES	NA	The number of errored packets received on this segment.
		mplsInSegmentPerfDiscards	read-only	YES	NA	The number of labeled packets received on this in-segment, which were chosen to be
		mplsInSegmentPerfHCOctets	read-only	YES	NA	The total number of octets received. This is the 64 bit
		mplsInSegmentPerfDiscontinuit	·	YES	NA NA	The value of sysUpTime on the most recent occasion
MDI C C. (C	1	Implantaeymentrenibiscontinuit	reau-only	ILO	INC	The value of Sysop time on the most recent occasion
MPLS OutS	a managed Total					
	egmentTabl		read and	lugo	la.a	Detries the continue of make 0 10 mars (5)
4	egmentTabl	mplsOutSegmentIndexNext	read-only	YES	NA	Retrieves the next index of mplsOutSegment Entry
4			read-only not-accessible	YES NA	NA NA	Retrieves the next index of mpIsOutSegment Entry Unique index for mpIsOutSegment table
4		mplsOutSegmentIndexNext				Unique index for mplsOutSegment table
4		mplsOutSegmentIndexNext				Unique index for mplsOutSegment table GET operation is retrieving the invalid interface index(i.e., always 1). In the function
4		mplsOutSegmentIndexNext				Unique index for mplsOutSegment table GET operation is retrieving the invalid interface index(i.e., always 1). In the function nsm_gmpls_get_outseg_if_ix inside nsm_mpls_api.c,switch case of (nhlfe->type) is
4		mplsOutSegmentIndexNext mplsOutSegmentIndex	not-accessible			Unique index for mplsOutSegment table GET operation is retrieving the invalid interface index(i.e., always 1). In the function nsm_gmpls_get_outseg_if_ix inside nsm_mpls_api.c,switch case of (nhlfe->type) is entering both gmpls_entry_type_ip and gmpls_entry_type_pbb_te which should not be
4		mplsOutSegmentIndexNext				Unique index for mplsOutSegment table GET operation is retrieving the invalid interface index(i.e., always 1). In the function nsm_gmpls_get_outseg_if_ix inside nsm_mpls_api.c,switch case of (nhlfe->type) is
4		mplsOutSegmentIndexNext mplsOutSegmentIndex	not-accessible			Unique index for mplsOutSegment table GET operation is retrieving the invalid interface index(i.e., always 1). In the function nsm_gmpls_get_outseg_if_ix inside nsm_mpls_api.c,switch case of (nhlfe->type) is entering both gmpls_entry_type_ip and gmpls_entry_type_pbb_te which should not be happen. This is fixed. The SET operation was not performing. When RowStatus is
4		mplsOutSegmentIndexNext mplsOutSegmentIndex	not-accessible			Unique index for mplsOutSegment table GET operation is retrieving the invalid interface index(i.e., always 1). In the function nsm_gmpls_get_outseg_if_ix inside nsm_mpls_apic_switch case of (nhlfe->type) is entering both gmpls_entry_type_ip and gmpls_entry_type_bb_te which should not be happen. This is fixed. The SET operation was not performing. When RowStatus is NotInService, It should allow SET operation. Also,In GET operation, it is retreiving gifinder.
4		mplsOutSegmentIndexNext mplsOutSegmentIndex	not-accessible	NA	NA	Unique index for mplsOutSegment table GET operation is retrieving the invalid interface index(i.e., always 1). In the function nsm_gmpls_get_outseg_if_ix inside nsm_mpls_api.c,switch case of (nhlfe->type) is entering both gmpls_entry_type_ip and gmpls_entry_type_pbb_te which should not be happen. This is fixed. The SET operation was not performing. When RowStatus is NotInService, It should allow SET operation. Also,In GET operation, it is retrieving gifindes of the interface, But In SET operation, the value should be ifindex of the interface. It should
4		mpisOutSegmentIndexNext mpisOutSegmentIndex mpisOutSegmentIndex	not-accessible read-create	YES	NA YES	Unique index for mplsOutSegment table GET operation is retrieving the invalid interface index(i.e., always 1). In the function nsm_gmpls_get_outseg_if_ix inside nsm_mpls_api.c,switch case of (nhlfe->type) is entering both gmpls_entry_type_ip and gmpls_entry_type_pbb_te which should not be happen. This is fixed. The SET operation was not performing. When RowStatus is NotInService, It should allow SET operation. Also,In GET operation, it is retreiving giffinder of the interface, But In SET operation, the value should be ifindex of the interface. It should be made common. Now both SET and GET operation is fixed and is working.
4		mplsOutSegmentIndexNext mplsOutSegmentIndex	not-accessible read-create	NA	NA	Unique index for mplsOutSegment table GET operation is retrieving the invalid interface index(i.e., always 1). In the function nsm_gmpls_get_outseg_if_ix inside nsm_mpls_apic_switch case of (nhlfe->type) is entering both gmpls_entry_type_ip and gmpls_entry_type_pbb_te which should not be happen. This is fixed. The SET operation was not performing. When RowStatus is NotInService, It should allow SET operation. Also,In GET operation, it is retreiving gifinder of the interface, But In SET operation, the value should be lindex of the interface. It should be made common. Now both SET and GET operation is fixed and is working. mplsOutSegmentPushTopLabel is taking only "true" value.
4		mpisOutSegmentIndexNext mpisOutSegmentIndex mpisOutSegmentInterface mpisOutSegmentInterface	not-accessible read-create	YES YES	YES LTD	Unique index for mplsOutSegment table GET operation is retrieving the invalid interface index(i.e., always 1). In the function nsm_gmpls_get_outseg_if_ix inside nsm_mpls_apic_switch case of (nhlfe->type) is entering both gmpls_entry_type_ip and gmpls_entry_type_pbb_te which should not be happen. This is fixed. The SET operation was not performing. When RowStatus is NotInService, It should allow SET operation. Also, In GET operation, it is retreiving gifindex of the interface, But In SET operation, the value should be ifindex of the interface. It should be made common. Now both SET and GET operation is fixed and is working. mplsOutSegmentPushTopLabel is taking only "true" value. In GET operation, It is retreiving the out-going label value when the PushTopLable is
4		mpisOutSegmentIndexNext mpisOutSegmentIndex mpisOutSegmentIndex	not-accessible read-create	YES	NA YES	Unique index for mplsOutSegment table GET operation is retrieving the invalid interface index(i.e., always 1). In the function nsm_gmpls_get_outseg_if_ix inside nsm_mpls_api.c,switch case of (nhlfe->type) is entering both gmpls_entry_type ip and gmpls entry_type_pbb_te which should not be happen. This is fixed. The SET operation was not performing. When RowStatus is NotInService, It should allow SET operation. Also,In GET operation, it is retreiving gifindes of the interface, But In SET operation, the value should be ifindex of the interface. It should be made common. Now both SET and GET operation is fixed and is working. mplsOutSegmentPushTopLabel is taking only "true" value. In GET operation, It is retreiving the out-going label value when the PushTopLable is "True". In SET Operation, It is performing set operation accordingly.
4		mpisOutSegmentIndexNext mpisOutSegmentIndex mpisOutSegmentInterface mpisOutSegmentInterface	not-accessible read-create	YES YES	YES LTD	Unique index for mplsOutSegment table GET operation is retrieving the invalid interface index(i.e., always 1). In the function nsm_gmpls_get_outseg_if_ix inside nsm_mpls_apic_switch case of (nhlfe->type) is entering both gmpls_entry_type_ip and gmpls_entry_type_pbb_te which should not be happen. This is fixed. The SET operation was not performing. When RowStatus is NotInService, It should allow SET operation. Also, In GET operation, it is retreiving gifindex of the interface, But In SET operation, the value should be ifindex of the interface. It should be made common. Now both SET and GET operation is fixed and is working. mplsOutSegmentPushTopLabel is taking only "true" value. In GET operation, It is retreiving the out-going label value when the PushTopLable is

7	mplsOutSegmentNextHopAddr	I road aroata			Value of mplsOutSegmentNextHopAddrType can be Unknown(0), ipv4(1) or ipv6(2) as per		
	Inpisouloegmentivexti lopAddi	llead-create	YES	LTD	RFC. In ZebOS it supports only ipv4		
8	mplsOutSegmentNextHopAddr	read-create	YES	YES	mplsOutSegmentNextHopAddr is performing both set and get operation.		
9	mplsOutSegmentXCIndex	read-only	YES	NA	Retreives the Xcindex which identifies which cross-connect entry this segment is part of		
10	mplsOutSegmentOwner	read-only	YES	NA	Denotes the entity which created and is responsible for managing this segment. CLI(9)		
11	mplsOutSegmentTrafficParamF	read-create	YES	LTD	This variable represents a pointer to the traffic parameter specification for this out-segment		
					Both SET and GET operation is working fine before xc entry is created. After xc entry got		
12	mplsOutSegmentRowStatus	read-create			created, nhlfe->refcount is showing different values which prevent nhlfe to get removed		
			YES	YES	since nhlfe->refcount is not 0 which needs to be fixed.		
12	mplsOutSegmentStorageType				Value can be 1:other 2:volatile 3:nonVolatile 4:permanent 5:readOnly. In ZebOS, it		
13	mpisoutsegmentstorageType	read-create	YES	LTD	supports only Volatile(2)		
Note - To make	Note - To make mplsOutSegmentRowStatus from Active to NotInService., All the XCEntry that is pointing to this must be in NotInService and also, If we want to delete the mplsOutSegmentEntry, All the XCEntry that is pointing to this must be in NotInService and						

mplsOutSegmentPerf Table				
5 mplsOutSegmentPerf		YES	NA	This value contains the total number of octets sent on this segment.
mplsOutSegmentPerf	Packets read-only	YES	NA	This value contains the total number of packets sent on this segment.
mplsOutSegmentPerf	Errors read-only	YES	NA	Number of packets that could not be sent due to errors on this segment
mplsOutSegmentPerf	Discards read-only			The number of labeled packets attempted to be transmitted on this out-segment, which
mpisOutSegmentPen	Discards read-only	YES	NA	were chosen to be discarded
mplsOutSegmentPerf	HCOctets read-only	YES	NA	Total number of octets sent which is 64 bit
				The value of sysUpTime on the most recent occasion at which any one or more of this
mplsOutSegmentPerf	Discontinu read-only			segment's Counter suffered a discontinuity
		YES	NA	
mplsXCTable				
6 1 mplsXCIndexNext	read-only	YES	NA	Retreived Next Index value for XCTable
2 mplsXCIndex	not-accessible	NA	NA	Unique Index for mplsXCTable
3 mplsXCInSegmentInc		NA	NA	Incoming labe Index
4 mplsXCOutSegmentI	ndex not-accessible	NA	NA	Outgoing Label Index
5 mplsXCLspld	read-create	YES	LTD	Returns the LSP id and set operation is working . But it is taking only value "0"
	to a discostra			In GET operation, It retreives always 0 as Label stack table is not implemented. By default
mplsXCLabelStackInd	dex read-create	YES	LTD	it is set to 0. In SET operation, Only possible value that can be set is 0.
7 mplsXCOwner	read-only	YES	NA	Retreives the Owner of the XCEntry
1,400, 01,1				GET operation was working. In SET operation, There was a problem in moving from active
mplsXCRowStatus	read-create	YES	YES	to notInService. Now it is fixed.
				The only possible value that can be SET and GET is volatile(2). Non-Volatile, Permanent,
mplsXCStorageType	read-create	YES	LTD	read-only are not supported in ZebOS
				The possible value that can be SET and GET is up(1) and down(2) . Testing(3) is not
mplsXCAdminStatus	read-create	YES	YES	supported in ZebOS
11 mplsXCOperStatus	read-only	YES	LTD	It was showing down even when the RowStatus is Active(1). Now it is fixed.
Comment On mplsXCTable> It retreives the value	of last index of the XCTable. i.e., If there	are 5 entries, In get operation	on, It retreives only the 5th entry.	Not
mplsLabelStackTable	·		,	
7 1 mplsLabelStackIndex	Next read-only	NA	NA	ZebOS doesn't support mplsLabelStackTable
2 mplsLabelStackIndex	not-accessible	NA	NA	ZebOS doesn't support mplsLabelStackTable
3 mplsLabelStackLabel	Index not-accessible	NA	NA	ZebOS doesn't support mplsLabelStackTable
4 mplsLabelStackLabel	read-create	NA	NA	ZebOS doesn't support mplsLabelStackTable
5 mplsLabelStackLabel	Ptr read-create	NA	NA	ZebOS doesn't support mplsLabelStackTable
6 mplsLabelStackRowS	Status read-create	NA	NA	ZebOS doesn't support mplsLabelStackTable
7 mplsLabelStackStora	geType read-create	NA	NA	ZebOS doesn't support mplsLabelStackTable
mplsInSegmentMapTable	71			
8 1 mplsInSegmentMapIr	nterface not-accessible	NA	NA	Not Accessible
2 mplsInSegmentMapL		NA NA	NA NA	Not Accessible
3 mplsInSegmentMapL		NA NA	NA NA	Not Accessible Not Accessible
		11/2	ive.	It corresponds to the mplsinSegmentInterface and mplsinSegmentLabel, or the
mplsInSegmentMapIr	ndex read-only	YES	NA	molsinSegmentInterface and molsinSegmentLabelPtrr
NOTIFICATIONS 4	I	ILO	LIVM	impismoeyinenuntenace and mpismoeymentlabeirun
mplsXCNotificationsEnable	read-create			Both SET and GET operation is working accordingly.

DBJET NO		l	1	MAX-ACCESS/	-	
	OBJECT NO	ENTRY NO	ENTRY NAME		Support for GET	Support for SET
2	MplsFTNEntry Table					
3	1	1				
S		3				
6		5				
3		6				
9 mplsFTNDestAddrMax		7	mplsFTNSourceAddrMax	read-create	YES	LTD
10		8	mplsFTNDestAddrMin	read-create	YES	YES
11 mplsFTNSourcePortMax read-create YES LTD 12 mplsFTNDestPortMin read-create YES LTD 13 mplsFTNDestPortMax read-create YES LTD 14 mplsFTNProtocol read-create YES LTD 15 mplsFTNDscp read-create YES LTD 16 mplsFTNDscp read-create YES LTD 17 mplsFTNActionType read-create YES LTD 18 mplsFTNStorageType read-create YES YES 18 mplsFTNMAPIable 2 1 mplsFTNMapIndex not-accessible NA NA NA 2 2 mplsFTNMapPrevindex not-accessible NA NA NA 3 mplsFTNMapRowStatus read-create NA NA NA 4 mplsFTNMapRowStatus read-create NA NA NA 3 mplsFTNPerfIndex not-accessible NA NA NA 4 mplsFTNPerfIndex not-accessible NA NA NA 5 mplsFTNPerfIndex not-accessible NA NA NA 4 mplsFTNPerfIndex not-accessible NA NA NA NA 7 mplsFTNPerfIndex not-accessible NA		9	mplsFTNDestAddrMax	read-create	YES	YES
12 mplsFTNDestPortMin read-create YES LTD 13 mplsFTNDestPortMax read-create YES LTD 14 mplsFTNPcotcol read-create YES LTD 15 mplsFTNDscp read-create YES LTD 16 mplsFTNActionType read-create YES LTD 17 mplsFTNActionPointer read-create YES YES LTD 18 mplsFTNStorageType read-create YES YES LTD 19 mplsFTNMAPTable 2 1 mplsFTNMapIndex not-accessible NA		10	mplsFTNSourcePortMin	read-create	YES	LTD
13		11	mplsFTNSourcePortMax	read-create	YES	LTD
14 mplsFTNPcotocol read-create YES LTD 15 mplsFTNDscp read-create YES LTD 16 mplsFTNActionType read-create YES LTD 17 mplsFTNActionPointer read-create YES YES 18 mplsFTNStorageType read-create YES LTD mplsFTNMAPTable 2 1 mplsFTNMapIndex not-accessible NA NA NA 2 2 mplsFTNMapCortindex not-accessible NA NA NA 3 1 mplsFTNMapCortindex not-accessible NA NA NA 4 mplsFTNMapRowStatus read-create NA NA NA 5 mplsFTNMapStorageType read-create NA NA NA mplsFTNMapStorageType read-create NA NA NA 3 mplsFTNPerfTable 3 1 mplsFTNPerfIndex not-accessible NA NA NA mplsFTNPerfTable 3 nplsFTNPerfIndex not-accessible NA NA NA mplsFTNPerfTable 3 mplsFTNPerfIndex not-accessible NA NA NA mplsFTNPerfIndex not-accessible NA NA NA NA mplsFTNPerfIndex not-accessible NA NA NA mplsFTNPerfIndex not-accessible NA		12	mplsFTNDestPortMin	read-create	YES	LTD
15 mplsFTNDscp read-create YES LTD 16 mplsFTNActionType read-create YES LTD 17 mplsFTNActionPointer read-create YES YES 18 mplsFTNStorageType read-create YES LTD 19 mplsFTNMapIndex read-create YES LTD 2 mplsFTNMapIndex not-accessible NA NA NA 2 mplsFTNMapPrevindex not-accessible NA NA NA 3 mplsFTNMapPrevindex not-accessible NA NA NA 4 mplsFTNMapRowStatus read-create NA NA NA 5 mplsFTNMapStorageType read-create NA NA NA mplsFTNPerfIndex not-accessible NA NA NA 3 mplsFTNPerfIndex read-create NA NA NA 1 mplsFTNPerfIndex not-accessible NA		13	mplsFTNDestPortMax	read-create	YES	LTD
16		14	mplsFTNProtocol	read-create	YES	LTD
17 mplsFTNActionPointer read-create YES YES 18 mplsFTNStorageType read-create YES LTD mplsFTNMAPTable 2 1 mplsFTNMapIndex not-accessible NA NA NA 2 mplsFTNMapPrevindex not-accessible NA NA NA 3 mplsFTNMapRowStatus read-create NA NA NA 5 mplsFTNMapStorageType read-create NA NA NA mplsFTNPerfIndex not-accessible NA NA NA mplsFTNPerfMatchedPackets read-only YES NA mplsFTNPerfMatchedOctets read-only YES NA mplsFTNPerfMatchedOctets read-only YES NA		15	mplsFTNDscp	read-create	YES	LTD
mplsFTNMAPTable 2		16	mplsFTNActionType	read-create	YES	LTD
mplsFTNMAPTable 2		17	mplsFTNActionPointer	read-create	YES	YES
2 1 mplsFTNMapIndex not-accessible NA NA NA 2 1 mplsFTNMapPrevindex not-accessible NA NA NA 3 mplsFTNMapCurrIndex not-accessible NA NA NA 4 mplsFTNMapRowStatus read-create NA NA NA 5 mplsFTNMapStorageType read-create NA NA NA mplsFTNPerfTable 1 mplsFTNPerfIndex not-accessible NA NA NA 2 mplsFTNPerfCurrIndex not-accessible NA		18	mplsFTNStorageType	read-create	YES	LTD
2 mplsFTNMapPrevIndex not-accessible NA NA NA 3 mplsFTNMapRowStatus read-create NA NA NA 4 mplsFTNMapRowStatus read-create NA NA NA 5 mplsFTNMapStorageType read-create NA NA NA mplsFTNPerfTable not-accessible NA NA NA 2 mplsFTNPerfIndex not-accessible NA NA NA nplsFTNPerfMatchedPackets read-only YES NA mplsFTNPerfMatchedOctets read-only YES NA mplsFTNPerfDiscontinuityTime	mplsFTNMAPTable	T.				
2 mplsFTNMapPrevindex not-accessible NA NA NA 3 mplsFTNMapCurrIndex not-accessible NA NA NA 4 mplsFTNMapRowStatus read-create NA NA NA 5 mplsFTNMapStorageType read-create NA NA NA mplsFTNPerfTable 3 1 mplsFTNPerfIndex not-accessible NA NA NA 2 mplsFTNPerfCurrIndex not-accessible NA NA NA mplsFTNPerfMatchedPackets read-only YES NA mplsFTNPerfMatchedOctets read-only YES NA mplsFTNPerfDiscontinuityTime	2	1	mplsFTNMapIndex	not-accessible	NΔ	NΔ
3 mplsFTNMapRowStatus read-create NA NA NA 4 mplsFTNMapRowStatus read-create NA NA NA 5 mplsFTNMapStorageType read-create NA NA NA mplsFTNPerfTable 3 1 mplsFTNPerfIndex not-accessible NA NA NA a mplsFTNPerfCurrindex not-accessible NA NA NA mplsFTNPerfMatchedPackets read-only YES NA mplsFTNPerfMatchedOctets read-only YES NA mplsFTNPerfDiscontinuityTime		2	mplsFTNMapPrevIndex	not-accessible		
4 mplsFTNMapRowStatus read-create NA NA NA 5 mplsFTNMapStorageType read-create NA NA NA mplsFTNPerfTable mplsFTNPerfIndex not-accessible NA NA NA amplsFTNPerfMatchedPackets read-only YES NA mplsFTNPerfMatchedOctets read-only YES NA mplsFTNPerfDiscontinuityTime						
5 mplsFTNMapStorageType read-create NA NA NA mplsFTNPerfTable 3 1 mplsFTNPerfIndex not-accessible NA NA NA 2 mplsFTNPerfCurrIndex not-accessible NA NA 3 mplsFTNPerfMatchedPackets read-only YES NA mplsFTNPerfMatchedOctets read-only YES NA mplsFTNPerfDiscontinuityTime						
mplsFTNPerfTable mplsFTNPerfIndex not-accessible NA NA mplsFTNPerfCurrIndex not-accessible NA NA mplsFTNPerfMatchedPackets read-only YES NA mplsFTNPerfMatchedOctets read-only YES NA mplsFTNPerfDiscontinuityTime		4	mplsFTNMapRowStatus	read-create	NA	NA
mplsFTNPerfIndex not-accessible NA NA NA		5	mplsFTNMapStorageType	read-create	NA	NA
3	mplsFTNPerfTable					
mplsFTNPerfCurrIndex not-accessible NA NA mplsFTNPerfMatchedPackets read-only YES NA mplsFTNPerfMatchedOctets read-only YES NA mplsFTNPerfDiscontinuityTime			mplsFTNPerfindex	not-accessible		
2 NA NA mplsFTNPerfMatchedPackets read-only YES NA mplsFTNPerfMatchedOctets read-only YES NA mplsFTNPerfDiscontinuityTime	3	1	manusCTND auf Cuurul a day	not accessible	NA	NA
a pread-only YES NA mplsFTNPerfMatchedOctets read-only YES NA mplsFTNPerfDiscontinuityTime		2	IIIpist i inpericurrindex	not-accessible	NA	NA
4 read-only YES NA mplsFTNPerfDiscontinuityTime		3	mplsFTNPerfMatchedPackets	read-only	YES	NA
mplsFTNPerfDiscontinuityTime read-only YES NA		4	mplsFTNPerfMatchedOctets	read-only	YES	NA
		5	mplsFTNPerfDiscontinuityTime	read-only	YES	NA

Comments

unique index for a conceptual row in mplsFTNTable.

Now it is working. We can do set and get operation on row status.

On setting the new description it was not showing anuthing. Now it is showing correctly

It works fine only for the default value.

For ipv4 its value is 1. It has not been implemented for ipv6.

It is taking only the default value.(0.0.0.0). LTD (SET/GET handler is present. However cannot SET anything other than default value.

It is taking only the default value.(0.0.0.0). LTD (SET/GET handler is present. However cannot SET anything other than default value.

It is working now as the function to set the min address value has been modified .User have to set the address in such a way that it follows classless address rules for both minimum and maximum address.

Wrote a new function to get the max address from the user through snmp.

Default value is 0. LTD (SET/GET handler is present. However cannot SET anything other than default value.

Default value is 65535. LTD (SET/GET handler is present. However cannot SET anything other than default value.

Default value is 0. LTD (SET/GET handler is present. However cannot SET anything other than default value.

Default value is 65535. LTD (SET/GET handler is present. However cannot SET anything other than default value.

Default value is 255. LTD (SET/GET handler is present. However cannot SET anything other than default value.

Default value is 0. LTD (SET/GET handler is present. However cannot SET anything other than default value.

By default it is redirectLsp(1). LTD (SET/GET handler is present. However cannot SET anything other than default value.

Now we can do the set and get operation on this object.

By default it is volatile(2) .LTD (SET/GET handler is present. However cannot SET anything other than default value.

ZebOS doesn't support mplsFTNMapTable

The interface index of an interface that an FTN entry has been applied/mapped to.

Index of an FTN entry that has been applied/mapped to the specified interface.

Number of packets that matched the specified FTN entry if it is applied/mapped to the specified interface.

Number of octets that matched the specified FTN entry if it is applied/mapped to the specified interface.

this object contains a zero value if no discontinuities have occurred since the last re-initialization of the local management subsystem,