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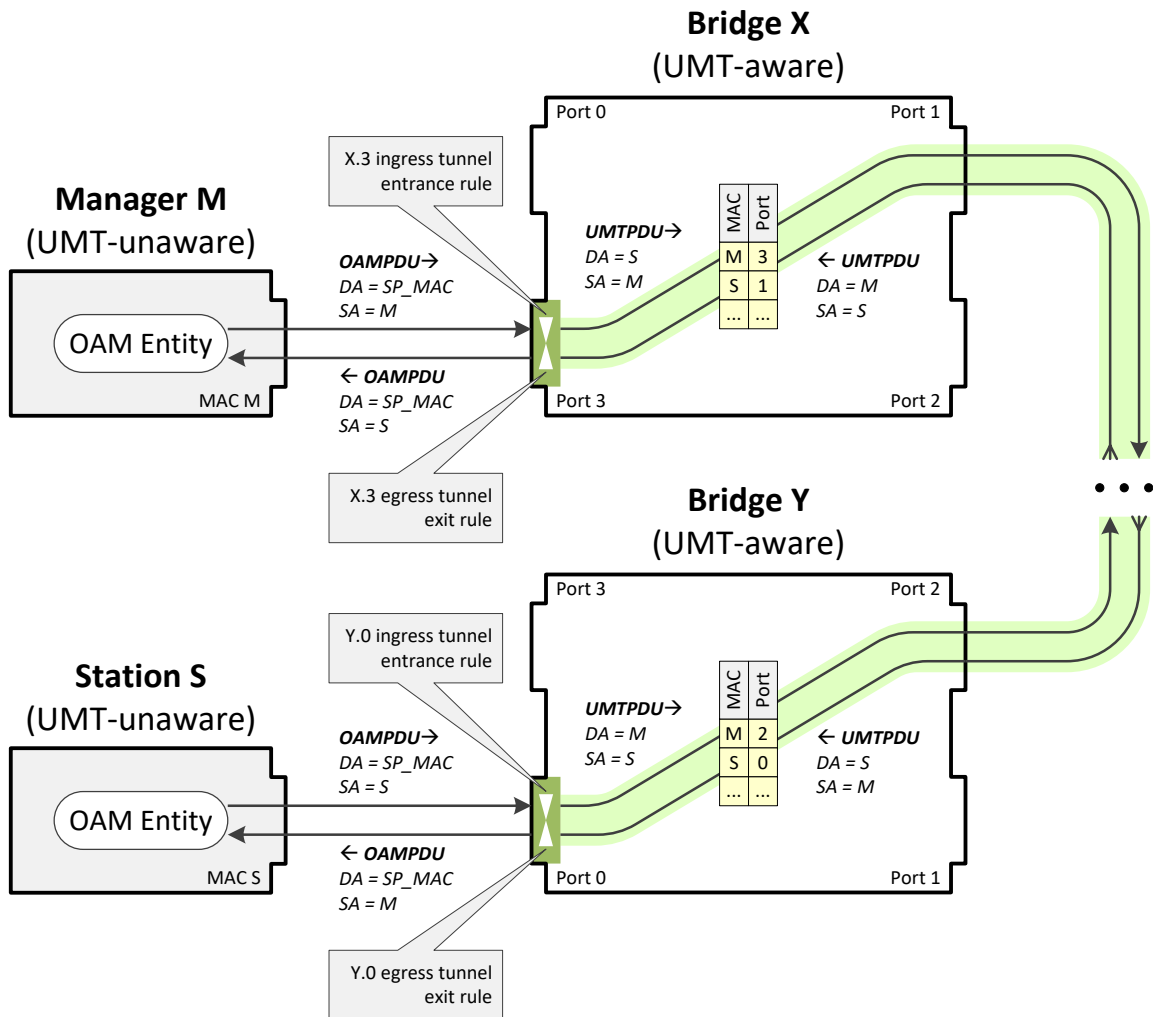
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1 **Annex 7A**  
 2 (informative)  
 3 **UMT configuration examples (informative)**  
 4 **7A.1 OAM over UMT use case, UMT-unaware end points**  
 5 **1.1.1 Introduction**

6 This example illustrates OAM communication between a Manager M and a Station S carried over UMT that  
 7 traverses multiple L2 bridges (see Figure 7A-1). Both the Manager and the Station are UMT-unaware. The  
 8 bridge X nearest to the Manager M is UMT-aware, and so is the bridge Y nearest to the Station S. There can  
 9 be numerous other bridges between the bridges X and Y; those bridges may or may not be UMT-aware.



10  
 11 **Figure 7A-1—UMLPDU format**

12 In Figure 7A-1, the Manager M, station S, Bridges X and Y have MAC addresses M, S, X, and Y respectively.  
 13 For simplicity, it is assumed that all ports in a given device use the same MAC address, but this is not a  
 14 requirement.

1 Furthermore, it is assumed that Bridges X and Y, as well as all intermediate bridges, have already populated  
 2 their forwarding tables with entries for MAC addresses M and S. These entries may be created dynamically  
 3 by a MAC learning function or be provisioned statically by the NMS.

4 **1.1.2 UMT provisioning to establish tunnels**

5 Since the Manager M is not directly connected to the managed Station S, the OAM messages need to be  
 6 carried over UMTPDUs. Therefore, before the Manager M and the Station S are able to exchange OAM  
 7 messages, two UMT tunnels need to be provisioned:

- 8 — A forward UMT tunnel from bridge X, port 3 to bridge Y, port 0.
- 9 — A reverse UMT tunnel from bridge Y, port 0 to bridge X, port 3.

10 The establishment of each UMT tunnel involves provisioning of two rules - one to configure the UMT  
 11 tunnel entrance point and one to configure the UMT tunnel exit point.

12 To establish a UMT tunnel from Manager M to Station S, the following rules are provisioned:

- 13 — A UMT tunnel entrance rule at the ingress of Bridge X, port 3
- 14 — A UMT tunnel exit rule at the egress of Bridge Y, port 0

15 To establish a UMT tunnel from Station S to Manager M, the following rules are provisioned:

- 16 — A UMT tunnel entrance rule at the ingress of Bridge Y, port 0
- 17 — A UMT tunnel exit rule at the egress of Bridge X, port 3

18 Each rule is provisioned using a separate *UMT\_CONFIG* message. The contents of all four messages required  
 19 to establish two UMT tunnels for bidirectional communication for the network segment illustrated in Figure  
 20 7A-1 are shown below.

21 **1.1.2.1 Addition of tunnel entrance rule at the ingress of Bridge X, port 3**

22 The UMT tunnel entrance rule at the ingress of Bridge X, port 3 is shown in Table 7A-1. This rule converts  
 23 an OAMPDU into a UMT PDU in the receive path of port 3. The conversion replaces the destination MAC  
 24 address value (*SP\_DA*) with the MAC address of Station S and replaces the Slow Protocol Ethertype  
 25 (*SP\_type*) with the UMT Ethertype (*UMT\_type*).

26 **Table 7A-1 — Tunnel entrance rule at the ingress of Bridge X, port 3**

Conditions	Actions
1. DA == SP_DA 2. ETH_TYPE_LEN == SP_type 3. SP_SUBTYPE == OAM_subtype	1.CHANGE( DA, S ) 2.CHANGE( ETH_TYPE_LEN, UMT_type )
NOTE: SP_type – Slow Protocol Ethertype value (see IEEE Std 802.3, 57A.4) UMT_type – Ethertype value identifying UMTPDUs (see 5.1) OAM_subtype – Subtype value identifying OAMPDUs (see IEEE Std 802.3, 57A.4) SP_DA – Destination MAC address associated with Slow Protocols (see IEEE Std 802.3, 57A.3) S – MAC address of Station S.	

1 Table 7A-2 provides the contents of a *UMT\_CONFIG* UMTTPDU that provisions the rule shown in Table 7A-  
 2 1.

3 **Table7A-2 — Contents of UMT\_CONFIG message**

Field	Subfield	Value	Description
<i>DestinationAddress</i>	n/a	X	<i>UMT_CONFIG</i> UMTTPDU directed to bridge X
<i>SourceAddress</i>	n/a	any	Source address of a device that issued the <i>UMT_CONFIG</i> UMTTPDU
<i>LengthType</i>	n/a	0xA8-C8	Ethertype value identifying UMTPDUs (see 5.1)
<i>Subtype</i>	n/a	0x00	UMTPDU carrying <i>UMT_CONFIG</i> message
<i>MsgCode</i>	<i>MsgType</i>	0x0	This message is a Request (see Table 7-1)
	<i>RequestCode</i>	0x1	Request to add a rule (see Table 7-1)
<i>MsgSequence</i>	n/a	0x00	This request consists of a single message
<i>PortInstance</i>	<i>PortIndex</i>	3	The rule is to be provisioned for port #3
	<i>Direction</i>	1	The rule is to be provisioned for the receive path (i.e., an ingress rule)
<i>RuleTLV</i> (condition)	<i>Type</i>	0xCO	This is a condition TLV (see Table 7-3)
	<i>Length</i>	0x0A	TLV length is 10 octets
	<i>Operation</i>	0x11	Comparison for equality (see Table 6-1)
	<i>FieldCode</i>	0x01	Compare <i>DST_ADDR</i> field (see Table 6-2)
	<i>Value</i>	0x01-80- C2-00- 00-02	IEEE 802.3 Slow_Protocols_Multicast address (see IEEE Std 802.3, 57A.3)
<i>RuleTLV</i> (condition)	<i>Type</i>	0xCO	This is a condition TLV (see Table 7-3)
	<i>Length</i>	0x06	TLV length is 6 octets
	<i>Operation</i>	0x11	Comparison for equality (see Table 6-1)
	<i>FieldCode</i>	0x03	Compare <i>ETH_TYPE_LEN</i> field (see Table 6-2)
	<i>Value</i>	0x88-09	Slow Protocol EtherType value (see IEEE Std 802.3, 57A.4)
<i>RuleTLV</i> (condition)	<i>Type</i>	0xCO	This is a condition TLV (see Table 7-3)
	<i>Length</i>	0x05	TLV length is 5 octets
	<i>Operation</i>	0x11	Comparison for equality (see Table 6-1)
	<i>FieldCode</i>	0x26	Compare <i>XPDU_SUBTYPE</i> field (see Table 6-2)
	<i>Value</i>	0x03	Slow Protocol Subtype value for OAM (see IEEE Std 802.3, 57A.4)
<i>RuleTLV</i> (action)	<i>Type</i>	0xAC	This is an action TLV (see Table 7-3)
	<i>Length</i>	0x0A	TLV length is 10 octets
	<i>Operation</i>	0xCE	Change (replacement) of a field (see Table 6-3)
	<i>FieldCode</i>	0x01	Modify <i>DST_ADDR</i> field (see Table 6-2)

Field	Subfield	Value	Description
	<i>Value</i>	S	Set Station S MAC address as the destination for resulting UMTPDUs.
<i>RuleTLV</i> (action)	<i>Type</i>	0xAC	This is an action TLV (see Table 7-3)
	<i>Length</i>	0x06	TLV length is 6 octets
	<i>Operation</i>	0xCE	Change (replacement) of a field (see Table 6-3)
	<i>FieldCode</i>	0x03	Modify <i>ETH_TYPE_LEN</i> field (see Table 6-2)
	<i>Value</i>	0xA8-C8	Set Ethertype to be equal to UMT_Ethertype in the resulting UMTPDUs.
<i>RuleTLV</i> (termination)	<i>Type</i>	0x00	This is a termination (end-of-rule) TLV (see Table 7-3)
	<i>Length</i>	0x04	TLV length is 4 octets
	<i>Operation</i>	0x00	Filled with zeros when not used (see Table 7-3 note)
	<i>FieldCode</i>	0x00	

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2 **1.1.2.2 Addition of tunnel exit rule at the egress of Bridge Y, port 0**

3 The UMT tunnel exit rule at the ingress of Bridge Y, port 0 is shown in Table 7A-3. This rule converts a  
 4 UMT PDU into an OAMPDU in the transmit path of port 0. The conversion replaces the destination MAC  
 5 address of Station S with the MAC address used for Slow Protocol xPDUs (*SP\_DA*) and replaces the UMT  
 6 Ethertype (*UMT\_type*) with the Slow Protocol Ethertype (*SP\_type*).

7

**Table 7A-3 — Tunnel exit rule at the egress of Bridge Y, port 0**

Conditions	Actions
1. DA == S 2. ETH_TYPE_LEN == UMT_type 3. UMT_SUBTYPE == OAM_Subtype	1. CHANGE( DA, SP_DA ) 2. CHANGE( ETH_TYPE_LEN, SP_type )
NOTE: SP_type – Slow Protocol Ethertype value (see IEEE Std 802.3, 57A.4) UMT_type – Ethertype value identifying UMTPDUs (see 5.1) OAM_Subtype – Subtype value identifying OAM payload (see Table 5-1) SP_DA – Destination MAC address associated with Slow Protocols (see IEEE Std 802.3, 57A.3) S – MAC address of Station S.	

8

9 Table 7A-4 provides the contents of a *UMT\_CONFIG* UMT PDU that provisions the rule shown in Table 7A-  
 10 3.

**Table7A-4 — Contents of UMT\_CONFIG message**

Field	Subfield	Value	Description
<i>DestinationAddress</i>	n/a	Y	<i>UMT_CONFIG</i> UMTTPDU directed to bridge Y
<i>SourceAddress</i>	n/a	any	Source address of a device that issued the <i>UMT_CONFIG</i> UMTTPDU
<i>LengthType</i>	n/a	0xA8-C8	Ethertype value identifying UMTPDUs (see 5.1)
<i>Subtype</i>	n/a	0x00	UMTPDU carrying <i>UMT_CONFIG</i> message
<i>MsgCode</i>	<i>MsgType</i>	0x0	This message is a Request (see Table 7-1)
	<i>RequestCode</i>	0x1	Request to add a rule (see Table 7-1)
<i>MsgSequence</i>	n/a	0x00	This request consists of a single message
<i>PortInstance</i>	<i>PortIndex</i>	0	The rule is to be provisioned for port #0
	<i>Direction</i>	0	The rule is to be provisioned for the transmit path (i.e., an egress rule)
<i>RuleTLV</i> (condition)	<i>Type</i>	0xC0	This is a condition TLV (see Table 7-3)
	<i>Length</i>	0x0A	TLV length is 10 octets
	<i>Operation</i>	0x11	Comparison for equality (see Table 6-1)
	<i>FieldCode</i>	0x01	Compare <i>DST_ADDR</i> field (see Table 6-2)
<i>RuleTLV</i> (condition)	<i>Value</i>	S	The destination address is equal to MAC address of Station S.
	<i>Type</i>	0xC0	This is a condition TLV (see Table 7-3)
	<i>Length</i>	0x06	TLV length is 6 octets
	<i>Operation</i>	0x11	Comparison for equality (see Table 6-1)
<i>RuleTLV</i> (condition)	<i>FieldCode</i>	0x03	Compare <i>ETH_TYPE_LEN</i> field (see Table 6-2)
	<i>Value</i>	0xA8-C8	UMT Ethertype value (see 5.1)
	<i>Type</i>	0xC0	This is a condition TLV (see Table 7-3)
	<i>Length</i>	0x05	TLV length is 5 octets
<i>RuleTLV</i> (condition)	<i>Operation</i>	0x11	Comparison for equality (see Table 6-1)
	<i>FieldCode</i>	0x1A	Compare <i>UMT_SUBTYPE</i> field (see Table 6-2)
	<i>Value</i>	0x03	UMT Subtype identifying OAM payload (see Table 5-1)
	<i>Type</i>	0xC0	This is a condition TLV (see Table 7-3)
<i>RuleTLV</i> (action)	<i>Length</i>	0x0A	TLV length is 10 octets
	<i>Operation</i>	0xCE	Change (replacement) of a field (see Table 6-3)
	<i>FieldCode</i>	0x01	Modify <i>DST_ADDR</i> field (see Table 6-2)
	<i>Value</i>	0x01-80-C2-00-00-02	IEEE 802.3 Slow_Protocols_Multicast address (see IEEE Std 802.3, 57A.3)
<i>RuleTLV</i>	<i>Type</i>	0xAC	This is an action TLV (see Table 7-3)

Field	Subfield	Value	Description
(action)	<i>Length</i>	0x06	TLV length is 6 octets
	<i>Operation</i>	0xCE	Change (replacement) of a field (see Table 6-3)
	<i>FieldCode</i>	0x03	Modify <i>ETH_TYPE_LEN</i> field (see Table 6-2)
	<i>Value</i>	0x88-09	Slow Protocol Ethertype value (see IEEE Std 802.3, 57A.4)
<i>RuleTLV</i> (termination)	<i>Type</i>	0x00	This is a termination (end-of-rule) TLV (see Table 7-3)
	<i>Length</i>	0x04	TLV length is 4 octets
	<i>Operation</i>	0x00	Filled with zeros when not used (see Table 7-3 note)
	<i>FieldCode</i>	0x00	

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### 2 1.1.2.3 Addition of UMT tunnel entrance rule at the ingress of Bridge Y, port 0

3 The UMT tunnel entrance rule at the ingress of Bridge Y, port 0 is shown in Table 7A-5. This rule converts  
 4 an OAMPDU into a UMT PDU in the receive path of port 0. The conversion replaces the destination MAC  
 5 address value (*SP\_DA*) with the MAC address of Manager M and replaces the Slow Protocol Ethertype  
 6 (*SP\_type*) with the UMT Ethertype (*UMT\_type*).

7 **Table 7A-5 — UMT tunnel entrance rule at the ingress of Bridge Y, port 0**

Conditions	Actions
4. <i>DA</i> == <i>SP_DA</i> 5. <i>ETH_TYPE_LEN</i> == <i>SP_type</i> 6. <i>SP_SUBTYPE</i> == <i>OAM_subtype</i>	3. CHANGE( <i>DA</i> , <i>M</i> ) 4. CHANGE( <i>ETH_TYPE_LEN</i> , <i>UMT_type</i> )
NOTE: <i>SP_type</i> – Slow Protocol Ethertype value (see IEEE Std 802.3, 57A.4) <i>UMT_type</i> – Ethertype value identifying UMT PDUs (see 5.1) <i>OAM_subtype</i> – Subtype value identifying OAMPDUs (see IEEE Std 802.3, 57A.4) <i>SP_DA</i> – Destination MAC address associated with Slow Protocols (see IEEE Std 802.3, 57A.3) <i>S</i> – MAC address of Manager M.	

8

9 Table 7A-6 provides the contents of a *UMT\_CONFIG* UMT PDU that provisions the rule shown in Table 7A-  
 10 5.

**Table7A-6 — Contents of UMT\_CONFIG message**

Field	Subfield	Value	Description
<i>DestinationAddress</i>	n/a	Y	<i>UMT_CONFIG</i> UMTPDU directed to bridge Y
<i>SourceAddress</i>	n/a	any	Source address of a device that issued the <i>UMT_CONFIG</i> UMTPDU
<i>LengthType</i>	n/a	0xA8-C8	Ethertype value identifying UMTPDUs (see 5.1)
<i>Subtype</i>	n/a	0x00	UMTPDU carrying <i>UMT_CONFIG</i> message
<i>MsgCode</i>	<i>MsgType</i>	0x0	This message is a Request (see Table 7-1)
	<i>RequestCode</i>	0x1	Request to add a rule (see Table 7-1)
<i>MsgSequence</i>	n/a	0x00	This request consists of a single message
<i>PortInstance</i>	<i>PortIndex</i>	3	The rule is to be provisioned for port #3
	<i>Direction</i>	1	The rule is to be provisioned for the receive path (i.e., an ingress rule)
<i>RuleTLV</i> (condition)	<i>Type</i>	0xCO	This is a condition TLV (see Table 7-3)
	<i>Length</i>	0x0A	TLV length is 10 octets
	<i>Operation</i>	0x11	Comparison for equality (see Table 6-1)
	<i>FieldCode</i>	0x01	Compare <i>DST_ADDR</i> field (see Table 6-2)
	<i>Value</i>	0x01-80-C2-00-00-02	IEEE 802.3 Slow_Protocols_Multicast address (see IEEE Std 802.3, 57A.3)
<i>RuleTLV</i> (condition)	<i>Type</i>	0xCO	This is a condition TLV (see Table 7-3)
	<i>Length</i>	0x06	TLV length is 6 octets
	<i>Operation</i>	0x11	Comparison for equality (see Table 6-1)
	<i>FieldCode</i>	0x03	Compare <i>ETH_TYPE_LEN</i> field (see Table 6-2)
	<i>Value</i>	0x88-09	Slow Protocol EtherType value (see IEEE Std 802.3, 57A.4)
<i>RuleTLV</i> (condition)	<i>Type</i>	0xCO	This is a condition TLV (see Table 7-3)
	<i>Length</i>	0x05	TLV length is 5 octets
	<i>Operation</i>	0x11	Comparison for equality (see Table 6-1)
	<i>FieldCode</i>	026	Compare <i>XPDU_SUBTYPE</i> field (see Table 6-2)
	<i>Value</i>	0x03	Slow Protocol Subtype value for OAM (see IEEE Std 802.3, 57A.4)
<i>RuleTLV</i> (action)	<i>Type</i>	0xAC	This is an action TLV (see Table 7-3)
	<i>Length</i>	0x0A	TLV length is 10 octets
	<i>Operation</i>	0xCE	Change (replacement) of a field (see Table 6-3)
	<i>FieldCode</i>	0x01	Modify <i>DST_ADDR</i> field (see Table 6-2)
	<i>Value</i>	M	Set manager M MAC address as the destination for resulting UMTPDUs.



Field	Subfield	Value	Description
RuleTLV (action)	Type	0xAC	This is an action TLV (see Table 7-3)
	Length	0x06	TLV length is 6 octets
	Operation	0xCE	Change (replacement) of a field (see Table 6-3)
	FieldCode	0x03	Modify <i>ETH_TYPE_LEN</i> field (see Table 6-2)
	Value	0xA8-C8	Set Ethertype to be equal to UMT_Ethertype in the resulting UMTPDUs.
RuleTLV (termination)	Type	0x00	This is a termination (end-of-rule) TLV (see Table 7-3)
	Length	0x04	TLV length is 4 octets
	Operation	0x00	Filled with zeros when not used (see Table 7-3 note)
	FieldCode	0x00	

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2 **1.1.2.4 Addition of UMT tunnel exit rule at the egress of Bridge X, port 3**

3 The UMT tunnel exit rule at the ingress of Bridge X, port 3 is shown in Table 7A-7. This rule converts a  
 4 UMT PDU into an OAMPDU in the transmit path of port 3. The conversion replaces the destination MAC  
 5 address of Manager M with the MAC address used for Slow Protocol xPDUs (*SP\_DA*) and replaces the UMT  
 6 Ethertype (*UMT\_type*) with the Slow Protocol Ethertype (*SP\_type*).

7 **Table 7A-7 — UMT tunnel exit rule at the egress of Bridge X, port 3**

Conditions	Actions
4. DA == M 5. ETH_TYPE_LEN == UMT_type 6. UMT_SUBTYPE == OAM_Subtype	3. CHANGE( DA, SP_DA ) 4. CHANGE( ETH_TYPE_LEN, SP_type )
NOTE: SP_type – Slow Protocol Ethertype value (see IEEE Std 802.3, 57A.4) UMT_type – Ethertype value identifying UMTPDUs (see 5.1) OAM_Subtype – Subtype value identifying OAM payload (see Table 5-1) SP_DA – Destination MAC address associated with Slow Protocols (see IEEE Std 802.3, 57A.3) M – MAC address of Manager M.	

8

9 Table 7A-8 provides the contents of a *UMT\_CONFIG* UMT PDU that provisions the rule shown in Table 7A-  
 10 7.

**Table 7A-8 — Contents of UMT\_CONFIG message**

Field	Subfield	Value	Description
<i>DestinationAddress</i>	n/a	X	<i>UMT_CONFIG</i> UMTTPDU directed to bridge X
<i>SourceAddress</i>	n/a	any	Source address of a device that issued the <i>UMT_CONFIG</i> UMTTPDU
<i>LengthType</i>	n/a	0xA8-C8	Ethertype value identifying UMTPDUs (see 5.1)
<i>Subtype</i>	n/a	0x00	UMTPDU carrying <i>UMT_CONFIG</i> message
<i>MsgCode</i>	<i>MsgType</i>	0x0	This message is a Request (see Table 7-1)
	<i>RequestCode</i>	0x1	Request to add a rule (see Table 7-1)
<i>MsgSequence</i>	n/a	0x00	This request consists of a single message
<i>PortInstance</i>	<i>PortIndex</i>	3	The rule is to be provisioned for port #3
	<i>Direction</i>	0	The rule is to be provisioned for the transmit path (i.e., an egress rule)
<i>RuleTLV</i> (condition)	<i>Type</i>	0xC0	This is a condition TLV (see Table 7-3)
	<i>Length</i>	0x0A	TLV length is 10 octets
	<i>Operation</i>	0x11	Comparison for equality (see Table 6-1)
	<i>FieldCode</i>	0x01	Compare <i>DST_ADDR</i> field (see Table 6-2)
<i>RuleTLV</i> (condition)	<i>Value</i>	M	The destination address is equal to MAC address of Manager M.
	<i>Type</i>	0xC0	This is a condition TLV (see Table 7-3)
	<i>Length</i>	0x06	TLV length is 6 octets
	<i>Operation</i>	0x11	Comparison for equality (see Table 6-1)
<i>RuleTLV</i> (condition)	<i>FieldCode</i>	0x03	Compare <i>ETH_TYPE_LEN</i> field (see Table 6-2)
	<i>Value</i>	0xA8-C8	UMT Ether type value (see 5.1)
	<i>Type</i>	0xC0	This is a condition TLV (see Table 7-3)
	<i>Length</i>	0x05	TLV length is 5 octets
<i>RuleTLV</i> (condition)	<i>Operation</i>	0x11	Comparison for equality (see Table 6-1)
	<i>FieldCode</i>	0x16	Compare <i>UMT_SUBTYPE</i> field (see Table 6-2)
	<i>Value</i>	0x03	UMT Subtype identifying OAM payload (see Table 5-1)
	<i>Type</i>	0xAC	This is an action TLV (see Table 7-3)
<i>RuleTLV</i> (action)	<i>Length</i>	0x0A	TLV length is 10 octets
	<i>Operation</i>	0xCE	Change (replacement) of a field (see Table 6-3)
	<i>FieldCode</i>	0x01	Modify <i>DST_ADDR</i> field (see Table 6-2)
	<i>Value</i>	0x01-80-C2-00-00-02	IEEE 802.3 Slow_Protocols_Multicast address (see IEEE Std 802.3, 57A.3)
<i>RuleTLV</i>	<i>Type</i>	0xAC	This is an action TLV (see Table 7-3)

Field	Subfield	Value	Description
(action)	<i>Length</i>	0x06	TLV length is 6 octets
	<i>Operation</i>	0xCE	Change (replacement) of a field (see Table 6-3)
	<i>FieldCode</i>	0x03	Modify <i>ETH_TYPE_LEN</i> field (see Table 6-2)
	<i>Value</i>	0x88-09	Slow Protocol Ethertype value (see IEEE Std 802.3, 57A.4)
<i>RuleTLV</i> (termination)	<i>Type</i>	0x00	This is a termination (end-of-rule) TLV (see Table 7-3)
	<i>Length</i>	0x04	TLV length is 4 octets
	<i>Operation</i>	0x00	Filled with zeros when not used (see Table 7-3 note)
	<i>FieldCode</i>	0x00	

1

### 2 1.1.3 UMT provisioning to delete tunnels

3 The deletion of a UMT tunnel involves the deletion of rules that control UMT tunnel entrance and UMT  
4 tunnel exit. Therefore, to delete a tunnel from Manager M to Station S, the following rules are removed:

- 5 — UMT tunnel entrance rule at the ingress of Bridge X, port 3
- 6 — UMT tunnel exit rule at the egress of Bridge Y, port 0

7 To delete a UMT tunnel from Station S to Manager M, the following rules are removed:

- 8 — UMT tunnel entrance rule at the ingress of Bridge Y, port 0
- 9 — UMT tunnel exit rule at the egress of Bridge X, port 3

10 Each rule deletion is provisioned using a separate *UMT\_CONFIG* UMTPDU. The contents of all four  
11 messages required to delete two tunnels for bidirectional communication for the network segment illustrated  
12 in Figure 7A-1 are shown below.

13

#### 14 1.1.3.1 Deletion of UMT tunnel entrance rule at the ingress of Bridge X, port 3

15 The contents of a *UMT\_CONFIG* UMTPDU that deletes the UMT tunnel entrance rule at the ingress of  
16 Bridge X, port 3 is identical to the *UMT\_CONFIG* UMTPDU shown in Table 7A-2, with the exception of  
17 the value of the field *MsgCode*, subfield *RequestCode*, which in case of rule deletion has the value of 0x2  
18 (see Table 7-1).

19

#### 20 1.1.3.2 Deletion of UMT tunnel exit rule at the egress of Bridge Y, port 0

21 The contents of a *UMT\_CONFIG* UMTPDU that deletes the UMT tunnel exit rule at the egress of Bridge Y,  
22 port 0 is identical to the *UMT\_CONFIG* UMTPDU shown in Table 7A-4, with the exception of the value of  
23 the field *MsgCode*, subfield *RequestCode*, which in case of rule deletion has the value of 0x2 (see Table 7-  
24 1).

25

1    **1.1.3.3    Deletion of UMT tunnel entrance rule at the ingress of Bridge Y, port 0**

2    The contents of a *UMT\_CONFIG* UMTPDU that deletes the UMT tunnel entrance rule at the ingress of  
3    Bridge Y, port 0 is identical to the *UMT\_CONFIG* UMTPDU shown in Table 7A-6, with the exception of  
4    the value of the field *MsgCode*, subfield *RequestCode*, which in case of rule deletion has the value of 0x2  
5    (see Table 7-1).  
6

7    **1.1.3.4    Deletion of UMT tunnel exit rule at the egress of Bridge X, port 3**

8    The contents of a *UMT\_CONFIG* UMTPDU that deletes the UMT tunnel exit rule at the egress of Bridge X,  
9    port 3 is identical to the *UMT\_CONFIG* UMTPDU shown in Table 7A-8, with the exception of the value of  
10   the field *MsgCode*, subfield *RequestCode*, which in case of rule deletion has the value of 0x2 (see Table 7-  
11   1).  
12