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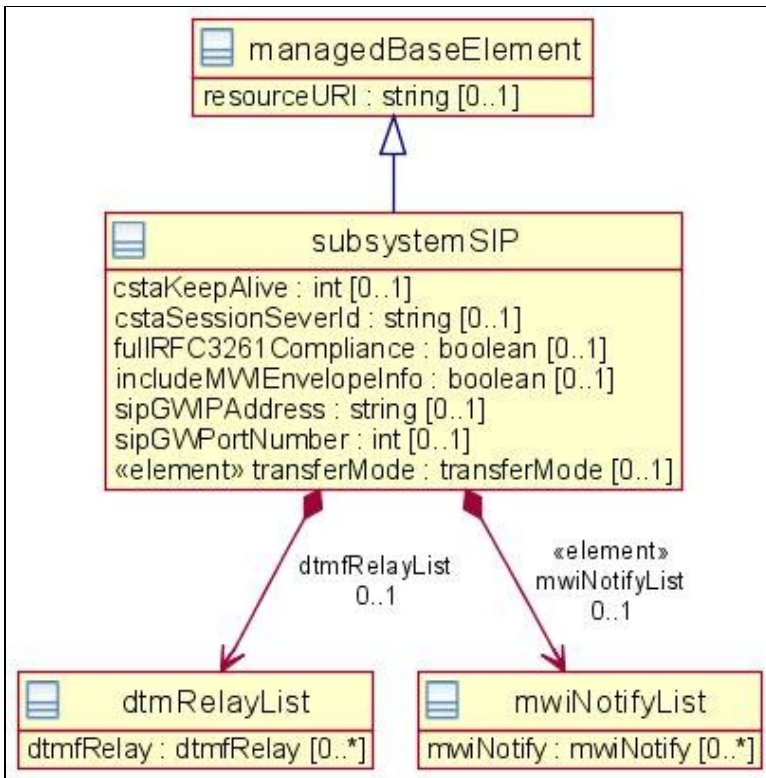
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### Subsystem SIP

#### Classes

#### Figure 15: Subsystem SIP



**SubsystemSIP**

Class Name	SubsystemSIP		
Extends From	ManagedBaseElement		
Description	Represents Session Initiation Protocol (SIP) related configurations		
XML Namespace	http://sip.subsystem.model.rest.aesop.cisco.com		
Field Name	Type	Constraints	Comments
cstaKeepAlive	Integer		
cstaSessionServerId	String		
dtmfRelayList	DTMRelayList		SIP DTMF relay mechanism. List of values of type DTMFRelay.
fullRFC3261Compliance	Boolean		Set to TRUE for configuration to work with newer IOS images (12.4(2T) and later)
includeMWIEnvelopeInfo	Boolean		Set to TRUE to enable the inclusion of envelope information in SIP MWI

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		notifications.
mwiNotifyList	MWINotify (collection)	MWI notification mechanism. List of values of type MWINotify.
sipGWIPAddress	String	Hostname or IP address of the SIP Provider
sipGWPortNumber	Integer	UDP or TCP Port of the SIP Proxy
transferMode	TransferMode	SIP call transfer method

DTMFRelay

<b>Class Name</b>	DTMFRelay ( <i>Enumeration Class</i> )
<b>Extends From</b>	BaseElement
<b>Description</b>	Enumeration for SIP DTMF relay mechanism type
<b>XML Namespace</b>	http://sip.subsystem.model.rest.aesop.cisco.com
<b>Enum Values</b>	<p><b>INFO</b> (Uses the Info message to relay outgoing DTMF signals from Cisco Unity Express to the Cisco IOS SIP gateway)</p> <p><b>RTP_NTE</b> (Uses the media path to relay incoming and outgoing DTMF signals to Cisco Unity Express)</p> <p><b>SIP_NOTIFY</b> (Uses Unsolicited-Notify messages to relay incoming and outgoing DTMF signals)</p> <p><b>SUB_NOTIFY</b> (Uses Subscribe and Notify messages to relay for incoming DTMF signals to Cisco Unity Express. This option is not available for outgoing DTMF signals from Cisco Unity Express)</p>

MWINotify

<b>Class Name</b>	MWINotify (Enumeration Class)
<b>Extends From</b>	BaseElement
<b>Description</b>	Enumeration for message waiting indicator (MWI) notification mechanism
<b>XML Namespace</b>	http://sip.subsystem.model.rest.aesop.cisco.com
<b>Enum Values</b>	<p><b>NOTIFY_OUTCALL</b> (Sends MWI notifications using the SIP outcall mechanism)</p> <p><b>NOTIFY_UNSOLICITED</b> (Sends MWI notifications using the Unsolicited Notify mechanism)</p> <p><b>NOTIFY_SUBSCRIBE</b> (Sends MWI notifications using the Subscribe Notify mechanism)</p>

**TransferMode**

<b>Class Name</b>	TransferMode (Enumeration Class)
<b>Extends From</b>	
<b>Description</b>	Enumeration for transfer mode for SIP calls
<b>XML Namespace</b>	http://sip.subsystem.model.rest.aesop.cisco.com
<b>Enum Values</b>	<p><b>REFER_ATTENDED</b> (Transfers SIP calls as attended transfers. The transfer is complete when the destination extension answers the call)</p> <p><b>REFER_SEMI_ATTENDED</b> (Transfers SIP calls as semi-attended transfers. The transfer is complete when the destination extension is ringing)</p> <p><b>REFER_BLIND</b> (Transfers SIP calls as blind refer calls)</p> <p><b>BLIND_BYE_ALSO</b> (Transfers SIP calls as blind bye-also calls)</p>

**Resources**

Resource URI	Operation	Input	Return Value
/ subsystem / sip	GET		SubsystemSIP
	PUT	SubsystemSIP	