

# POST mediacryptoprofile id

## REST API Method: **POST** /rest/mediacryptoprofile/{identifier}

Modifies a Media Crypto Profile Table given a specific Table ID.

### URL:

https://192.168.0.111/rest/mediacryptoprofile/{identifier}

### HTTP Method



POST

### Requires Authentication:

true

### Parameters

Parameter Name	Required	Service Affecting	Data Type	Default Value	Possible Values	Description
Description	No	No	string	none	64 - Max Length	Describes this Media Crypto Profile so that it is easily identifiable.
OperationOption	No	No	Enum	1	Possible values: <ul style="list-style-type: none"><li>0 - soUnknown</li><li>1 - soRequired</li><li>2 - soOptional</li><li>3 - soOff</li></ul>	<p>Specifies how encryption is supported for this profile.</p> <ul style="list-style-type: none"><li><b>Required</b><ul style="list-style-type: none"><li>- This setting permits call connections only if security (encryption) can be used for the call.</li><li>If the peer device does not support SRTP (Secure Real Time Protocol) for voice encryption over the IP network, call setup will fail.</li></ul></li><li><b>Supported</b><ul style="list-style-type: none"><li>- This setting advertises to the peer device that the SBC Edge system implements SRTP. However, a call connection is allowed in secure or unsecure mode depending on the peer preference and capability.</li></ul></li><li><b>Off</b><ul style="list-style-type: none"><li>- This setting disables the use of SRTP for encrypted calling.</li></ul></li></ul>

<b>CryptoSuite</b>	No	No	Enum	1	Possible values: <ul style="list-style-type: none"> <li>• 0 - scsCryptoSuite_32</li> <li>• 1 - scsCryptoSuite_80</li> </ul>	This setting lets you configure the crypto suite that the SBC Edge should use to negotiate with its peer device.
<b>MasterKeyLifeValue</b>	No	No	int	31	Possible values: <ul style="list-style-type: none"> <li>• 0 - Minimum</li> <li>• 48 - Maximum</li> </ul>	The lifetime for the Master Key. The configured value is as power of 2. <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">  When this option is set to 0 means it never expires. Otherwise it can take values from 1 to 48         </div>
<b>MasterKeyIdentifierLength</b>	No	No	int	1	Possible values: <ul style="list-style-type: none"> <li>• 0 - Minimum</li> <li>• 4 - Maximum</li> </ul>	The number of bytes that should be used for communicating the Master Key Identifier in the SRTP packets.
<b>SessionKeyDerivationRate</b>	No	No	int	0	Possible values: <ul style="list-style-type: none"> <li>• 0 - Minimum</li> <li>• 24 - Maximum</li> </ul>	The rate at which the session key should be refreshed during the SRTP session. The configured value is as power of 2. A value of 0 means that the session key will not be refreshed during the call. <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">  This option is available when *Derive Session Key is Set* to a range 16 to 24.         </div>



**Helpful Tip**

The POST can contain either only the attributes that are being updated, or the full set of attributes for the resource