

PUT mediacryptoprofile id

REST API Method: **PUT** /rest/mediacryptoprofile/{identifier}

Creates a Media Crypto Profile given a specific Table ID.

URL:

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

HTTP Method



PUT

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">0 - soUnknown1 - soRequired2 - soOptional3 - soOff | <p>Specifies how encryption is supported for this profile.</p> <ul style="list-style-type: none">Required<ul style="list-style-type: none">- This setting permits call connections only if security (encryption) can be used for the call.If the peer device does not support SRTP (Secure Real Time Protocol) for voice encryption over the IP network, call setup will fail.Supported<ul style="list-style-type: none">- 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.Off<ul style="list-style-type: none">- This setting disables the use of SRTP for encrypted calling. |

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|----------------------------------|----|----|------|----|---|---|
| CryptoSuite | No | No | Enum | 1 | Possible values: <ul style="list-style-type: none"> • 0 - scsCryptoSuite_32 • 1 - scsCryptoSuite_80 | This setting lets you configure the crypto suite that the SBC Edge should use to negotiate with its peer device. |
| MasterKeyLifeValue | No | No | int | 31 | Possible values: <ul style="list-style-type: none"> • 0 - Minimum • 48 - Maximum | The lifetime for the Master Key. The configured value is as power of 2. <div style="border: 1px solid black; 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> |
| MasterKeyIdentifierLength | No | No | int | 1 | Possible values: <ul style="list-style-type: none"> • 0 - Minimum • 4 - Maximum | The number of bytes that should be used for communicating the Master Key Identifier in the SRTP packets. |
| SessionKeyDerivationRate | No | No | int | 0 | Possible values: <ul style="list-style-type: none"> • 0 - Minimum • 24 - Maximum | 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 black; padding: 5px; margin-top: 10px;">  This option is available when *Derive Session Key is Set* to a range 16 to 24. </div> |