

# POST isdnsg id

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

Modifies an ISDN Signaling Group Table given a specific Table ID.



### Note

The ISDN Signaling Group identifier can only be within the range 10001-20000 (inclusive)

### URL:

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

### HTTP Method

POST



### Requires Authentication:

true

### Parameters

Parameter Name	Required	Service Affecting	Data Type	Default Value	Possible Values	Description
customAdminState	Yes	Yes	Enum	1	Possible values: <ul style="list-style-type: none"><li>0 - cmCustomDisabled</li><li>1 - cmCustomEnabled</li><li>2 - cmCustomDrain</li></ul>	Enable or Disable this signaling group or set to Drain mode.
ApplyToPortName	Yes	Yes	string	none	128 - Max Length	Specifies which physical <a href="#">1/E1 Port</a> this signaling group is for.
Description	No	No	string	none	64 - Max Length	Describes the Signaling Group so that it is easily identifiable when select for a <a href="#">Call Route Table</a>
IsdnSgSwitchVariant	Yes	Yes	Enum	3	Possible values: <ul style="list-style-type: none"><li>0 - isvATT4ESS</li><li>1 - isvATT5ESS</li><li>2 - isvDMS100</li><li>3 - isvNI2</li><li>4 - isvETSI</li><li>5 - isvQSIG</li><li>6 - isvINET1500</li></ul>	Specifies the ISDN variant for this signaling group
IsdnSgSideOrientation	Yes	Yes	Enum	0	Possible values: <ul style="list-style-type: none"><li>0 - isoUser</li><li>1 - isoNetwork</li><li>2 - isoNone</li></ul>	Specifies the ISDN user/network side for this signaling group

<b>IsdnSgOverlapRxMode</b>	Yes	Yes	Enum	0	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 0 - iorDisable</li> <li>• 1 - iorEnable</li> </ul>	Specifies if overlap receiving is enabled on signaling group. Only valid for Euro ISDN (ETSI) and QSIG Switch Variants.
<b>IsdnSgOverlapTxMode</b>	Yes	Yes	Enum	0	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 0 - iosDisable</li> <li>• 1 - iosEnable</li> </ul>	Specifies if overlap sending is enabled on signaling group. Only valid for Euro ISDN (ETSI) and QSIG Switch Variants.
<b>IsdnSgIndicatedChannel</b>	Yes	Yes	Enum	1	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 0 - iicPreferred</li> <li>• 1 - iicExclusive</li> </ul>	Specifies the setting of Indicated Channel field in the Channel Identification IE in the SETUP message sent to the far end for the signaling group.
<b>IsdnServiceMessageCapability</b>	Yes	Yes	Enum	1	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 0 - iscDisable</li> <li>• 1 - iscEnable</li> </ul>	Specifies if service messaging is used on the signaling group. Only valid for ATT 4ESS, ATT 5ESS, NI2 and INS NET 1500 Switch Variants.
<b>IsdnStopFarEndT310UponTryingFromSip</b>	Yes	Yes	Enum	0	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 0 - isfDisable</li> <li>• 1 - isfEnable</li> </ul>	Specifies if a Q.931 PROGRESS message is sent to the far-end so that it does not timeout (T31) while SIP response is pending from the SIP leg causing the call to release. This setting typically enabled only for testing scenarios and should not be used in a production system.

<p><b>IsdnAllowCallingNameDisplayToSwitch</b></p>	<p>Yes</p>	<p>Yes</p>	<p>Enum</p>	<p>0</p>	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 0 - iacDisable</li> <li>• 1 - iacEnable</li> </ul>	<p>Specifies if the Q.931 SETUP message is sent to the far-end should include the DISPLAY Information Element (IE). If this option is enabled, the DISPLAY IE is populated for <b>NI2</b> and <b>Euro-ISDN</b> switch types, otherwise the DISPLAY IE is not populated for these switch types.</p> <div data-bbox="1305 478 1515 737" style="border: 1px solid #ccc; padding: 5px;"> <p> This setting is available when <b>SDN Side</b> is set to <b>User</b> and <b>Switch Variant</b> is either <b>NI2</b> or <b>Euro-ISDN</b>.</p> </div> <div data-bbox="1305 737 1515 1423" style="border: 1px solid #ccc; padding: 5px;"> <p> In general, the DISPLAY IE is populated according to ISDN communication standards. The NI2 and Euro-ISDN specifications state that the DISPLAY IE should not be populated. This option allows you to override that configuration for your environment.</p> </div>
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<p><b>IsdnSg HuntMethod</b></p>	<p>Yes</p>	<p>Yes</p>	<p>Enum</p>	<p>4</p>	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 0 - sghmStandard</li> <li>• 1 - sghmReverseStandard</li> <li>• 2 - sghmRoundRobin</li> <li>• 3 - sghmLeastIdle</li> <li>• 4 - sghmMostIdle</li> <li>• 5 - sghmOwnNumber</li> </ul>	<p>Method that Call Contrc uses to allocate ISDN channels. This is only v for Outbound or Bidirectional Direction settings.</p> <ul style="list-style-type: none"> <li>• <b>Standard</b> - This option assigns the first available low numbered channel</li> <li>• <b>Reverse Standard</b> - This option assigns the last available h numbered channel</li> <li>• <b>Round Robin</b> - Th option assigns channels based on next available from low numbered to h numbered.</li> <li>• <b>Least Idle</b> - This option chooses channels based on the least idle chan</li> <li>• <b>Most Idle</b> - This option chooses channels based on the most idle chan</li> </ul>
<p><b>IsdnSg Direction</b></p>	<p>Yes</p>	<p>Yes</p>	<p>Enum</p>	<p>2</p>	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 0 - sgdirInbound</li> <li>• 1 - sgdirOutbound</li> <li>• 2 - sgdirBidirectional</li> </ul>	<p>Indicates the direction c calls supported</p> <ul style="list-style-type: none"> <li>• <b>Inbound</b> - Support only incoming calls from ISDN endpoir</li> <li>• <b>Outbound</b> - Supp only outgoing call t ISDN endpoints.</li> <li>• <b>Bidirectional</b> - Support both incoming or outgoi calls to ISDN endpoints.</li> </ul>

<b>IsdnSgRingbackPlayPolicy</b>	Yes	Yes	Enum	0	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 0 - sgrbpAuto</li> <li>• 1 - sgrbpAlways</li> <li>• 2 - sgrbpNever</li> <li>• 3 - sgrbpAutoOnAlertProgress</li> <li>• 4 - sgrbpAlwaysOnAlertProgress</li> </ul>	<p>Specifies when to generate local ring back</p> <ul style="list-style-type: none"> <li>• <b>Auto on Alert</b> - Depends if inband audio is available when processing <i>A</i></li> <li>• <b>Always on Alert</b> - always generate inband ringback w/ processing Alert</li> <li>• <b>Auto on Alert/Progress</b> - Depends if inband audio is available when processing <i>A</i> or Progress</li> <li>• <b>Always on Alert/Progress</b> - always generate inband ringback w/ processing Alert or Progress</li> <li>• <b>Never</b> - never generate inband ringback</li> </ul>
<b>ToneTableNumber</b>	Yes	Yes	int	0	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 0 - Minimum</li> <li>• 65534 - Maximum</li> </ul>	<p>Specifies the <a href="#">Tone Table</a> to use on this signaling group. This option is not available for Inbound or Bidirectional.</p>
<b>ActionsetTableNumber</b>	No	No	int	0	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 0 - Minimum</li> <li>• 65534 - Maximum</li> </ul>	<p>Specifies the <a href="#">Action Set Table</a> to use on this signaling group. This option is only available for Inbound and Bidirectional.</p>
<b>RouteTableNumber</b>	Yes	Yes	int	1	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 1 - Minimum</li> <li>• 65534 - Maximum</li> </ul>	<p>Specifies the <a href="#">Call Route Table</a> to use on the signaling group to route calls with. This option is only available for Inbound and Bidirectional.</p>
<b>NoChannelAvailableId</b>	No	No	int	34	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 1 - Minimum</li> <li>• 127 - Maximum</li> </ul>	<p>In case of "No Channel/Circuit available" release cause code, CC is going to map this to the value configured against this entry in the signaling group. This cause code will be sent to the relevant protocol module.</p>

<b>TimerSanitySetup</b>	No	No	int	255000	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 180000 - Minimum</li> <li>• 750000 - Maximum</li> </ul>	Specifies the sanity timer for setup message, in milliseconds. A Call that has not received a response from the peer switch will be released after this time. This is for all call types. The duration of this timer should be equal to or greater than the T301 timer.
<b>IsdnSgTimerT301</b>	Yes	Yes	int	180	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 1 - Minimum</li> <li>• 255 - Maximum</li> </ul>	Specifies the timeout of the ISDN call enters Ringing before clearing call if the call is not answered. The duration of this timer should not exceed the Call Setup Response Timer (TimerSanitySetup)
<b>IsdnSgTimerT302</b>	Yes	Yes	int	15	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 1 - Minimum</li> <li>• 255 - Maximum</li> </ul>	Specifies the inter digit timeout before proceeding with the call in overlapped dialing
<b>IsdnSgTimerT303</b>	Yes	Yes	int	4	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 1 - Minimum</li> <li>• 255 - Maximum</li> </ul>	Specifies the timeout of a SETUP is sent to wait for a proceeding response
<b>IsdnSgTimerT305</b>	Yes	Yes	int	30	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 1 - Minimum</li> <li>• 255 - Maximum</li> </ul>	Specifies the timeout of a DISCONNECT is sent to wait for a response
<b>IsdnSgTimerT308</b>	Yes	Yes	int	4	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 1 - Minimum</li> <li>• 255 - Maximum</li> </ul>	Specifies the timeout of a RELEASE is sent to wait for a response
<b>IsdnSgTimerT309</b>	Yes	Yes	int	6	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 1 - Minimum</li> <li>• 255 - Maximum</li> </ul>	Specifies the timeout of the D channel goes down to release active calls
<b>IsdnSgTimerT310</b>	Yes	Yes	int	30	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 1 - Minimum</li> <li>• 255 - Maximum</li> </ul>	Specifies the timeout of CALL PROCEEDING to wait for a call progress response
<b>IsdnSgTimerT313</b>	Yes	Yes	int	4	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 1 - Minimum</li> <li>• 255 - Maximum</li> </ul>	Specifies the timeout for Network side ISDN after sending a CONNECT to wait for the response
<b>IsdnSgTimerT314</b>	Yes	Yes	int	4	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 1 - Minimum</li> <li>• 255 - Maximum</li> </ul>	Specifies the timeout for QSIG to wait between SEGMENT messages for a segmented message
<b>IsdnSgTimerT316</b>	Yes	Yes	int	120	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 1 - Minimum</li> <li>• 255 - Maximum</li> </ul>	Specifies the timeout of sending a RESTART message for a response

<b>IsdnSgTimerT322</b>	Yes	Yes	int	4	Possible values: <ul style="list-style-type: none"> <li>1 - Minimum</li> <li>255 - Maximum</li> </ul>	Specifies the timeout of sending a STATUS ENQUIRY to wait for a response
<b>IsdnSgTimerT3M1</b>	Yes	Yes	int	120	Possible values: <ul style="list-style-type: none"> <li>1 - Minimum</li> <li>255 - Maximum</li> </ul>	Specifies the timeout of sending a SERVICE for response
<b>ProtocolIdentifier</b>	No	No	Enum	1	Possible values: <ul style="list-style-type: none"> <li>0 - apiNetworkExtensions</li> <li>1 - apiROSE</li> </ul>	Specifies the Protocol Identifier to use within ASN.1 for QSIG.
<b>AsnNumberingSpace</b>	No	No	Enum	0	Possible values: <ul style="list-style-type: none"> <li>0 - ansLocal</li> <li>1 - ansGlobal</li> </ul>	Specifies the ASN.1 numbering space for QSIG.
<b>IncludeNFEIAPDU</b>	No	No	Enum	1	Possible values: <ul style="list-style-type: none"> <li>0 - btFalse</li> <li>1 - btTrue</li> </ul>	Specifies whether or no include the Network Facility Extension and Interpretation APDU in ASN.1 for QSIG.
<b>IncludeInterfaceIdentifier</b>	No	No	Enum	0	Possible values: <ul style="list-style-type: none"> <li>0 - btFalse</li> <li>1 - btTrue</li> </ul>	Specifies whether or no include the interface identifier in out going channel identification information elements.
<b>ChannelNumberBit</b>	No	No	Enum	1	Possible values: <ul style="list-style-type: none"> <li>0 - btFalse</li> <li>1 - btTrue</li> </ul>	Specifies whether or no set the high bit in the channel number byte in channel identification information elements.
<b>SendRNInFacility</b>	No	No	Enum	0	Possible values: <ul style="list-style-type: none"> <li>0 - btFalse</li> <li>1 - btTrue</li> </ul>	Controls how the redirecting number is set for Euro ISDN (ETSI). When enabled, redirect number is passed into Facility IE.
<b>PortChannelCountFull</b>	Yes	Yes	Enum	1	Possible values: <ul style="list-style-type: none"> <li>0 - btFalse</li> <li>1 - btTrue</li> </ul>	Specifies whether or no every channel is being used for the signaling group. When set to 1 ApplyToChannelList is used. Only applicable for PRI signaling groups.
<b>ApplyToChannelList</b>	Yes	Yes	string	none	512 - Max Length	Apply to Channel List used to store the channel list from user. Comma separated values of type "card.port:channel" E.g. 1.1:1,1.1:2,1.1:3,... if Channels selected and NULL, if no channels are selected. Only applicable for PRI signaling groups.

<b>DelayChannelClearing</b>	Yes	Yes	Enum	0	Possible values: <ul style="list-style-type: none"> <li>0 - btFalse</li> <li>1 - btTrue</li> </ul>	Specifies whether or no channel should be kept open post Disconnect, when PI=8 received.
<b>ChannelClearingDelay</b>	Yes	Yes	int	10		Delay in Seconds channel is kept open after receiving the DISCONNECT with PI=8.
<b>ImmediateDisconnectOnCausecode</b>	Yes	Yes	Enum	0	Possible values: <ul style="list-style-type: none"> <li>0 - btFalse</li> <li>1 - btTrue</li> </ul>	Specifies whether or no channel should be immediately disconnected on cause code received Disconnect Message.
<b>CauseCodes</b>	Yes	Yes	string	16	400 - Max Length	This is a comma separated string of the Q.850 cause codes listed in the <a href="#">Q.850 Cause Codes</a> . Channel should be immediately disconnected if any one of these cause codes matches that received in the Disconnect Message.
<b>TEIAssignment</b>	No	Yes	int	-1	Possible values: <ul style="list-style-type: none"> <li>-1 - Minimum</li> <li>63 - Maximum</li> </ul>	Specifies the TEI to use TE/User side BRI. 0 through 63 are absolute values and -1 is automatic assignment. If signaling group is set for PRI or NT/Network side BRI then is not used.
<b>SGType</b>	Yes	Yes	Enum	0	Possible values: <ul style="list-style-type: none"> <li>0 - dstDS1</li> <li>1 - dstBRI</li> <li>2 - dstNone</li> </ul>	Specifies the type of IS1 signaling group.
<b>SendFacilityPassthrough</b>	No	No	Enum	1	Possible values: <ul style="list-style-type: none"> <li>0 - btFalse</li> <li>1 - btTrue</li> </ul>	Specifies if the Signaling Group should transmit a Facility message passed through from another IS Signaling Group. If set then Facility message is sent, if not set then the Facility message is dropped.
<b>AddSetupProgress</b>	No	No	Enum	0	Possible values: <ul style="list-style-type: none"> <li>0 - apiNone</li> <li>1 - apiNotEndToEnd</li> <li>2 - apiDestISDN</li> <li>3 - apiOrigISDN</li> <li>4 - apiReturnISDN</li> <li>5 - apiInterworking</li> <li>6 - apiInbandInfo</li> <li>7 - apiDelayEncountered</li> </ul>	Specifies if an outgoing SETUP message should have a Progress Indicator IE added to it with the configured value. Only adds the IE if one is not already present.



<b>AddNetworkSpecificFacility</b>	No	No	Enum	0	<p>Possible values:</p> <ul style="list-style-type: none"> <li>0 - btFalse</li> <li>1 - btTrue</li> </ul>	Specifies if an outgoing SETUP message should have a Network Specific Facility IE added to it. Adds the IE if one is not already present. Only valid for ATT 4ESS and ATT 5ESS ISDN variants.
<b>NSFIdentification</b>	No	No	Enum	0	<p>Possible values:</p> <ul style="list-style-type: none"> <li>0 - nidNone</li> <li>1 - nidUser</li> <li>2 - nidNational</li> <li>3 - nidInternational</li> </ul>	Sets the Network Specific Facility IE identification if the IE is not present but does not modify an existing IE. Only valid when AddNetworkSpecificFacility is Enabled.
<b>NSFInformation</b>	No	No	Enum	0	<p>Possible values:</p> <ul style="list-style-type: none"> <li>0 - ninSDN</li> <li>1 - ninTollFree</li> <li>2 - ninMEGACOM</li> <li>3 - ninACCUNET</li> <li>4 - ninInternationalTollFree</li> <li>5 - ninMultiQuest</li> <li>6 - ninLongDistance</li> <li>7 - ninCallRedirection</li> </ul>	Sets the Network Specific Facility IE information if the IE is not present but does not modify an existing IE. Only valid when AddNetworkSpecificFacility is Enabled.
<b>EarlyMediaOnDestNotIsdn</b>	No	No	Enum	1	<p>Possible values:</p> <ul style="list-style-type: none"> <li>0 - btFalse</li> <li>1 - btTrue</li> </ul>	Specifies whether receiving Progress Indicator value 2 (Destination not ISDN) should be considered an early media.



**Helpful Tip**

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