

# Create temporary guest Wifi via xmidt

Hi RDK community,

I want to create a temporary guest wifi remotely (via WebPA, TR-069, ...) on a RDK-B.

I did not find corresponding TR-181 objects, is there an object representing such a guest Wifi network?

I first tried to create an TR-181 Device.WiFi.Radio. node, and secondly a Device.WiFi.SSID. node, both via POST to tr1d1um config endpoint, but it does not create the corresponding nodes.

I wonder what I am doing wrong? Is this whole approach not a good idea and there is a better way?

Following are the non-working requests I tried:

1. POST <https://tr1d1um.ip/api/v2/device/<mac:address>/config/Device.WiFi.Radio>.

## Request Body

```
{
  "Enable": "true",
  "Status": "Up",
  "Alias": "Hans5",
  "Name": "hans0",
  "Upstream": "false",
  "MaxBitRate": "144",
  "SupportedFrequencyBands": "2.4GHz",
  "OperatingFrequencyBand": "2.4GHz",
  "SupportedStandards": "b,g,n",
  "OperatingStandards": "g",
  "PossibleChannels": "1,2,3,4,5,6,7,8,9,10,11,40,44,48,52,56,64,104,112,132,144 ",
  "ChannelsInUse": "1,2,3,4,5,6,7,8,9,10,11,40,44,48,52,56,64,104,112,132,144 ",
  "X_CISCO_COM_ApChannelScan": "",
  "Channel": "6",
  "AutoChannelSupported": "true",
  "AutoChannelEnable": "false",
  "AutoChannelRefreshPeriod": "0",
  "OperatingChannelBandwidth": "20MHz",
  "ExtensionChannel": "Auto",
  "GuardInterval": "",
  "MCS": "1",
  "TransmitPowerSupported": "0,25,50,75,100",
  "TransmitPower": "100",
  "IEEE80211hSupported": "false",
  "IEEE80211hEnabled": "false",
  "RegulatoryDomain": "841",
  "X_CISCO_COM_RTSThreshold": "2347",
  "X_CISCO_COM_FragmentationThreshold": "2346",
  "X_CISCO_COM_DTIMInterval": "1",
  "X_COMCAST-COM_BeaconInterval": "100",
  "X_CISCO_COM_CTSProtectionMode": "Disabled",
  "X_CISCO_COM_TxRate": "Auto",
  "X_CISCO_COM_FrameBurst": "true",
  "X_CISCO_COM_APIsolation": "true",
  "X_CISCO_COM_BasicRate": "Default",
  "X_CISCO_COM_MbssUserControl": "1",
  "X_CISCO_COM_AdminControl": "254",
  "X_CISCO_COM_OnOffPushButtonTime": "0",
  "X_CISCO_COM_ObssCoex": "1",
  "X_CISCO_COM_MulticastRate": "0",
  "X_CISCO_COM_ApplySetting": "false",
  "X_CISCO_COM_ApplySettingSSID": "0",
  "X_RDKCENTRAL-COM_AutoChannelRefreshPeriodSupported": "false",
  "X_RDKCENTRAL-COM_RtsThresholdSupported": "false",
  "X_RDKCENTRAL-COM_ReverseDirectionGrantSupported": "true",
  "X_CISCO_COM_ReverseDirectionGrant": "false",
  "X_CISCO_COM_AggregationMSDU": "false",
  "X_CISCO_COM_AutoBlockAck": "true",
  "X_CISCO_COM_DeclineBARRequest": "false",
  "X_CISCO_COM_STBCEnable": "false",
  "X_CISCO_COM_11nGreenfieldEnabled": "true",
```

```

"X_CISCO_COM_WirelessOnOffButton": "false",
"X_COMCAST_COM_DFSSupport": "false",
"X_COMCAST_COM_DFSEnable": "false",
"X_COMCAST-COM_DCSSupported": "false",
"X_COMCAST-COM_DCSEnable": "false",
"X_RDKCENTRAL-COM_DCSEnable": "false",
"X_RDKCENTRAL-COM_DCS dwelltime": "0",
"X_RDKCENTRAL-COM_DCSChannelPool": "1,6,11",
"X_RDKCENTRAL-COM_DCSChannelScore": "1:0,6:0,11:0",
"X_COMCAST_COM_RadioUpTime": "0",
"X_COMCAST_COM_IGMPSnoopingEnable": "true",
"X_COMCAST-COM_CarrierSenseThresholdRange": "100",
"X_COMCAST-COM_CarrierSenseThresholdInUse": "-99",
"X_COMCAST-COM_ChannelSwitchingCount": "0",
"X_COMCAST-COM_AutoChannelRefreshPeriodSupported": "false",
"X_COMCAST-COM_IEEE80211hSupported": "false",
"X_COMCAST-COM_ReverseDirectionGrantSupported": "true",
"X_COMCAST-COM_RtsThresholdSupported": "false",
"X_RDKCENTRAL-COM_ChannelUtilThreshold": "0",
"X_RDKCENTRAL-COM_ChanUtilSelfHealEnable": "0",
"BeaconPeriod": "100",
"BasicDataTransmitRates": "1,2",
"SupportedDataTransmitRates": "1,2,5.5,6,9,11,12,18,24,36,48,54",
"OperationalDataTransmitRates": "1,2,5.5,11,6,9,12,18,24,36,48,54",
"RadioResetCount": "1",
"X_RDKCENTRAL-COM_rapidReconnectMaxTime": "0",
"X_RDKCENTRAL-COM_clientInactivityTimeout": "0"
}

```

2. POST <https://tr1d1um.ip/api/v2/device/<mac:address>/config/Device.WiFi.SSID>.

#### Request Body

```

{
    "Enable": "true",
    "Status": "Down",
    "Name": "test0",
    "Alias": "test0",
    "LowerLayers": "Device.WiFi.Radio.10000.",
    "BSSID": "20:F1:9E:F3:42:42",
    "MACAddress": "20:F1:9E:F3:42:42",
    "SSID": "hans1",
    "X_COMCAST-COM_DefaultSSID": "hans2",
    "X_CISCO_COM_EnableOnline": "false",
    "X_CISCO_COM_RouterEnabled": "false"
}

```