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Web Services API Reference

InitiateIMSession

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InitiateIMSession

This operation is part of the **IM Session API** section of the **Web Services API**.

Overview

Initiates a new IM session. The operation fails if Web Services can't find any suitable devices or if a "devicePath" is not specified when multiple devices are capable of initiating IM sessions.

An agent can't participate in more than one IM session at a time — any attempts to initiate a second IM session returns an "Invalid state" error message in the response.

Request URL	/api/v2/me/im-sessions
HTTP Method	POST
Required Features	api-voice-instant-messaging

Parameters

Parameter	Value
operationName	InitiateIMSession
destination	<p>The number to reach. This should represent a SIP extension that supports IM. (mandatory)</p> <p>To enable IM communication, both agents must be logged in on a place with a SIP multimedia DN — that is, a SIP DN configured with the following Annex options in the [TServer] section:</p> <ul style="list-style-type: none">• multimedia option set to true• sip-signalling-chat option set to none
userData	The user data to attach to the IM session. (optional)
devicePath	The path to a device assigned to the current user that is to be used for the operation. This parameter is not necessary if there is only one device assigned to the agent that is capable of handling an IM session (optional).

Samples

Request

```
POST api/v2/me/im-sessions
{
  "operationName": "InitiateIMSession",
  "destination": {
    "phoneNumber": "16001"
  },
  "userData": {
    "favColor": "blue"
  }
}
```

HTTP Response

```
{
  "statusCode": 0
}
```

CometD Response

```
{
  "messageType": "IMSessionStateChangeMessage",
  "notificationType": "StatusChange",
  "imSession": {
    "state": "Talking",
    "userData": {
      "favColor": "blue"
    }
  },
  "id": "12398123091823091283012",
  "uri": "http://hpe-voicevm-64.genesyslab.com:8090/api/v2/im-sessions/00S4UMMDT8AHN1VL807GK2LAES000002",
  "path": "/im-sessions/12398123091823091283012",
  "participants": [
    {
      "digits": "3002",
      "e164Number": "3002",
      "formattedPhoneNumber": "3002",
      "phoneNumber": "3002"
    }
  ],
  "capabilities": [
    "Complete",
    "AttachUserData",
    "DeleteUserData",
    "UpdateUserData",
    "SendMessage"
  ]
}
```