

# **HoduPBX API Guide**

## 1) Click2Call – POST Method

HoduPBX will receive API call to initiate call.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/info/click2call](http://demo.hodusoft.com/hodupbx_api/api/info/click2call)

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
extension_number (mandatory)	Extension Number on which Call will first come
extension_password (mandatory)	Web Password of extNumber for authentication
phone_number (mandatory)	Phone Number on which Call will be made once extension answers the call

Once extension authentication is completed system will first call to extension number and on answer of that call system will originate call to phoneNumber. Here phoneNumber can be extension number or external number.

### Example

#### Data :-

```
{"token_id":"aBcD21RfdoNklssp","phone_number":"103","extension_number":"101","extension_password":"e10adc3949ba59abbe56e057f20f883e"}
```

URL :- [http://demo.hodusoft.com/hodupbx\\_api/api/info/click2call](http://demo.hodusoft.com/hodupbx_api/api/info/click2call)

### Possible Responses

Status Code	Status message	Reason
200	OK	When Call Dialed Successfully to Extension
424	Method Failed	When Invalid URL is called
406	Not Acceptable	When Invalid Parameter is passed.Which parameter is having problem will be given back in message field
500	Failed to Dial	When System is not able to dial extension phone number

## 2) crmSubscribe – POST Method

HoduPBX will receive API call to give call back when subscribed extension rings.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/info/crmSubscribe](http://demo.hodusoft.com/hodupbx_api/api/info/crmSubscribe)

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
extension_number (mandatory)	Extension Number for which callback need to be done
extension_password (mandatory)	Web Password of extNumber for authentication

Once Authentication is completed given extension will be subscribed to receive callbacks on particular when this extension is ringing.

### Example

#### Data :-

```
{"token_id":"aBcD21RfdoNklssp","extension_number":"101","extension_password":"e10adc3949ba59abbe56e057f20f883e"}
```

URL :- [http://demo.hodusoft.com/hodupbx\\_api/api/info/crmSubscribe](http://demo.hodusoft.com/hodupbx_api/api/info/crmSubscribe)

### Possible Responses

Status Code	Status message	Reason
200	Extension Subscribed Successfully	When Subscription is successful
424	Method Failed	When Invalid URL is called
406	Not Acceptable	When Invalid Parameter is passed.Which parameter is having problem will be given back in message field

### 3) crmUnSubscribe – POST Method

HoduPBX will receive API call to stop receiving call back for particular extension.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/info/crmUnSubscribe](http://demo.hodusoft.com/hodupbx_api/api/info/crmUnSubscribe)

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
extension_number (mandatory)	Extension Number for which callback need to be stoped
extension_password (mandatory)	Web Password of extNumber for authentication

Once Authentication is completed given extension's subscription will be cancelled. So there won't be any callbacks for this particular callback.

#### Example

##### Data :-

```
{"token_id":"aBcD21RfdoNklssp","extension_number":"101","extension_password":"e10adc3949ba59abbe56e057f20f883e"}
```

URL :- [http://demo.hodusoft.com/hodupbx\\_api/api/info/crmUnSubscribe](http://demo.hodusoft.com/hodupbx_api/api/info/crmUnSubscribe)

#### Possible Responses

Status Code	Status message	Reason
200	Extension UnSubscribed Successfully	When Subscription is cancelled successfully
424	Method Failed	When Invalid URL is called
406	Not Acceptable	When Invalid Parameter is passed.Which parameter is having problem will be given back in message field

#### 4) Callbacks - POST Method

HoduPBX will callback configured URL when subscribed extension is has started ringing.

Parameter Name	Description
uuid	Unique ID of call
extension_number	Extension number which is ringing (This number will be the one which is used for registration. I.e extension number with tenantID as Suffix)
caller_name	URL encoded caller name who is calling the extension
caller_number	URL encoded caller number who is calling the extension
call_status	Status of the call. As of now this will always give "Ring"

#### Example Callback

[http://demo.hodusoft.com/callback.php?uuid=3b61d3a0-c5b3-4993-851b-33074bf1406e&extension\\_number=1000103&caller\\_name=Kashyap+Dhamecha&caller\\_number=101 &call\\_status=Ring](http://demo.hodusoft.com/callback.php?uuid=3b61d3a0-c5b3-4993-851b-33074bf1406e&extension_number=1000103&caller_name=Kashyap+Dhamecha&caller_number=101 &call_status=Ring)

## 5) Call Log – POST Method

HoduPBX will receive API call to get the call log details.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/info/{startDate}/  
{endDate}/ {userType}/callLog](http://demo.hodusoft.com/hodupbx_api/api/info/{startDate}/{endDate}/ {userType}/callLog)

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
startDate (mandatory)	startDate for the required call log data in YYYY-MM-DD format.
endDate (mandatory)	endDate for the required call log data in YYYY-MM-DD format.
UserType (mandatory)	userType of the user of which the call log details required.i.e. If userType='ADMIN', then it will give call details of all tenant.
tenant_id (optional)	If userType is ADMIN and they want their tenant's details then, this parameter needs to be passed.
Number (optional)	number can be extension number or external number of which the call log details required.

### Example

#### For Particular tenant's call log:-

**data:-** {"token\_id":"aBcD21RfdoNklssp"}

**URL:-** [http://demo.hodusoft.com/hodupbx\\_api/api/info/2016-04-01/2016-04-30/ADMIN/callLog](http://demo.hodusoft.com/hodupbx_api/api/info/2016-04-01/2016-04-30/ADMIN/callLog)

#### For Particular tenant's call log with particular number:-

**data:-** {"token\_id":"aBcD21RfdoNklssp","number":"101"}

**URL:-** [http://demo.hodusoft.com/hodupbx\\_api/api/info/2016-04-01/2016-04-30/ADMIN/callLog](http://demo.hodusoft.com/hodupbx_api/api/info/2016-04-01/2016-04-30/ADMIN/callLog)

### Possible Responses

Status Code	Status message	Reason
200	OK	When Call Log Details successfully fetched. In JSON response the data which user will get are:- tenant_id,start_date,end_date, caller,callee,forward.
404	Missing Parameter	When mandatory parameters

		are missing.
405	No Token	When Token ID parameter is missing.
406	Tenant Not Active	When Tenant is Inactive or Deleted.
408	No Tenant Found	When Requested Tenant data not found.
411	No Call Log Details Found	When Requested Call Log Details not found.
412	Invalid Start Date	When Start Date is in invalid format. Allowed format is : 'YYYY-MM-DD'
413	Invalid End Date	When End Date is in invalid format. Allowed format is : 'YYYY-MM-DD'
414	Invalid User Type	When User Type is invalid. Allowed Type is: 'ADMIN'
424	Method Failed	When Invalid URL/Method is called
500	Internal Server Error	When any Internal Server Error is occurred.
501	Authentication Failed	When passed Token is not match with valid user type.
502	Exception Thrown	When any Exception is thrown.

## 6) Active Calls – POST Method

HoduPBX will receive API call to get the active calls details.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/info/{userType}/activeCalls](http://demo.hodusoft.com/hodupbx_api/api/info/{userType}/activeCalls)

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the active calls details required.i.e. If userType='ADMIN', then it will give active call details of all tenant.

### Example

**For Particular tenant's live calls:-**

**data:-** {"token\_id":"aBcD21RfdoNklssp"}

**URL:-** [http://demo.hodusoft.com/hodupbx\\_api/api/info/ADMIN/activeCalls](http://demo.hodusoft.com/hodupbx_api/api/info/ADMIN/activeCalls)

### Possible Responses

Status Code	Status message	Reason
200	OK	When Active Calls Details successfully fetched. In JSON response the data which user will get are:- caller_number, callee_number, start_time.
404	Missing Parameter	When mandatory parameters are missing.
405	No Token	When Token ID parameter is missing.
406	Tenant Not Active	When Tenant is Inactive or Deleted.
408	No Tenant Found	When Requested Tenant data not found.
414	Invalid User Type	When User Type is invalid. Allowed Type is: 'ADMIN'
424	Method Failed	When Invalid URL/Method is called
500	Internal Server Error	When any Internal Server Error is occurred.



501	Authentication Failed	When passed Token is not match with valid user type.
502	Exception Thrown	When any Exception is thrown.

## 7) Get Balance – POST Method

HoduPBX will receive API call to get the balance details.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/info/{userType}/balance](http://demo.hodusoft.com/hodupbx_api/api/info/{userType}/balance)

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the active calls details required.i.e. If userType='ADMIN', then it will give balance details of all tenant.
tenant_id (optional)	If userType is ADMIN and they want their tenant's details then, this parameter needs to be passed

### Example

For Particular tenant's balance details:-

data:- {"token\_id":"aBcD21RfdoNklssp"}

URL:- [http://demo.hodusoft.com/hodupbx\\_api/api/info/ADMIN/balance](http://demo.hodusoft.com/hodupbx_api/api/info/ADMIN/balance)

### Possible Responses

Status Code	Status message	Reason
200	OK	When Balance Details successfully fetched. In JSON response the data which user will get are:- tenant_id,tenant_name,current_balance,currency_code.
404	Missing Parameter	When mandatory parameters are missing.
405	No Token	When Token ID parameter is missing.
406	Tenant Not Active	When Tenant is Inactive or Deleted.
408	No Tenant Found	When Requested Tenant data not found.
409	No Balance Details Found	When requested balance details not found.
414	Invalid User Type	When User Type is invalid.

		Allowed Type is: 'ADMIN'
424	Method Failed	When Invalid URL/Method is called
500	Internal Server Error	When any Internal Server Error is occurred.
501	Authentication Failed	When passed Token is not match with valid user type.
502	Exception Thrown	When any Exception is thrown.

## 8) Get Recording Path – POST Method

HoduPBX will receive API call to get the recording details.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/info/{userType}/recordingPath](http://demo.hodusoft.com/hodupbx_api/api/info/{userType}/recordingPath)

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the recording details required. i.e. If userType='ADMIN', then it will give recording path of call detail of all record.
callid (mandatory)	Call ID of which the recording download path is required.

### Example

#### For Download Recording Path:-

**data:-** {"token\_id":"aBcD21RfdoNklssp","callid":"1"}

**URL:-** [http://demo.hodusoft.com/hodupbx\\_api/api/info/ADMIN/recordingPath](http://demo.hodusoft.com/hodupbx_api/api/info/ADMIN/recordingPath)

### Possible Responses

Status Code	Status message	Reason
200	OK	When Recording Path successfully fetched. In JSON response the data which user will get are:-recordingPath.
404	Missing Parameter	When mandatory parameters are missing.
405	No Token	When Token ID parameter is missing.
406	No Recording Found	When requested recording not found.
414	Invalid User Type	When User Type is invalid. Allowed Type is: 'ADMIN'
424	Method Failed	When Invalid URL/Method is called
500	Internal Server Error	When any Internal Server Error is occurred.
501	Authentication Failed	When passed Token is not match with valid user type.
502	Exception Thrown	When any Exception is thrown.



## 9) Get Country Details – POST Method

HoduPBX will receive API call to get the country details.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/info/getCountry](http://demo.hodusoft.com/hodupbx_api/api/info/getCountry)

Parameter Name	Description
token_id	Token ID for the authentication.

Once the authentication is completed system will work according to the passed parameter of the required data.

### Possible Responses

Status Code	Status message	Reason
200	OK	When Country Detail Get Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Request Data Not Found.
602	Token Not Found	When Token ID Not Found.
603	Not Matched	When Token ID is Invalid.

### Example

[http://demo.hodusoft.com/hodupbx\\_api/api/info/getCountry](http://demo.hodusoft.com/hodupbx_api/api/info/getCountry)

**Note:-** In response, all the data of Country will be given in the JSON Format.

**data:-** {"token\_id": "sE9xO4aZZBkhfaA6"}

## 10) Get Currency Details – POST Method

HoduPBX will receive API call to get the currency details.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/info/getCurrency](http://demo.hodusoft.com/hodupbx_api/api/info/getCurrency)

Parameter Name	Description
token_id	Token ID for the authentication.

Once the authentication is completed system will work according to the passed parameter of the required data.

### Possible Responses

Status Code	Status message	Reason
200	OK	When Currency Detail Get Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Request Data Not Found.
602	Token Not Found	When Token ID Not Found.
603	Not Matched	When Token ID is Invalid.

### Example

[http://demo.hodusoft.com/hodupbx\\_api/api/info/getCurrency](http://demo.hodusoft.com/hodupbx_api/api/info/getCurrency)

**Note:-** In Response, the data of the currency will be given in the JSON Format.

**data:-** {"token\_id": "sE9xO4aZZBkhfaA6"}

## 11) Get Codecs Details – POST Method

HoduPBX will receive API call to get the codecs details.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/info/getCodecs](http://demo.hodusoft.com/hodupbx_api/api/info/getCodecs)

Parameter Name	Description
token_id	Token ID for the authentication.

Once the authentication is completed system will work according to the passed parameter of the required data.

### Possible Responses

Status Code	Status message	Reason
200	OK	When Codecs Detail Get Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Request Data Not Found.
602	Token Not Found	When Token ID Not Found.
603	Not Matched	When Token ID is Invalid.

### Example

[http://demo.hodusoft.com/hodupbx\\_api/api/info/getCodecs](http://demo.hodusoft.com/hodupbx_api/api/info/getCodecs)

**Note:-** In Response, the data of the codecs will be given in the JSON Format.

**data:-** {"token\_id": "sE9xO4aZZBkhfaA6"}



## 12) Get Language Details – POST Method

HoduPBX will receive API call to get the language details.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/info/getLanguage](http://demo.hodusoft.com/hodupbx_api/api/info/getLanguage)

Parameter Name	Description
token_id	Token ID for the authentication.

Once the authentication is completed system will work according to the passed parameter of the required data.

### Possible Responses

Status Code	Status message	Reason
200	OK	When Language Detail Get Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Request Data Not Found.
602	Token Not Found	When Token ID Not Found.
603	Not Matched	When Token ID is Invalid.

### Example

[http://demo.hodusoft.com/hodupbx\\_api/api/info/getLanguage](http://demo.hodusoft.com/hodupbx_api/api/info/getLanguage)

**Note:-** In Response, the data of the languages will be given in the JSON Format.

data:- {"token\_id": "sE9xO4aZZBkhfaA6"}

### 13) Get Billplan Details – POST Method

HoduPBX will receive API call to get the billplan details.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/info/getBillplan](http://demo.hodusoft.com/hodupbx_api/api/info/getBillplan)

Parameter Name	Description
token_id	Token ID for the authentication.

Once the authentication is completed system will work according to the passed parameter of the required data.

#### Possible Responses

Status Code	Status message	Reason
200	OK	When Billplan Detail Get Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Request Data Not Found.
602	Token Not Found	When Token ID Not Found.
603	Not Matched	When Token ID is Invalid.

#### Example

[http://demo.hodusoft.com/hodupbx\\_api/api/info/getBillplan](http://demo.hodusoft.com/hodupbx_api/api/info/getBillplan)

**Note:-** In Response, the data of the billplan will be given in the JSON Format.

data:- {"token\_id": "sE9xO4aZZBkhfaA6"}

## 14) Get Rateplan Details – POST Method

HoduPBX will receive API call to get the rateplan details.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/info/getRateplan](http://demo.hodusoft.com/hodupbx_api/api/info/getRateplan)

Parameter Name	Description
token_id	Token ID for the authentication.

Once the authentication is completed system will work according to the passed parameter of the required data.

### Possible Responses

Status Code	Status message	Reason
200	OK	When Rateplan Detail Get Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Request Data Not Found.
602	Token Not Found	When Token ID Not Found.
603	Not Matched	When Token ID is Invalid.

### Example

[http://demo.hodusoft.com/hodupbx\\_api/api/info/getRateplan](http://demo.hodusoft.com/hodupbx_api/api/info/getRateplan)

**Note:-** In Response, the data of the rateplan will be given in the JSON Format.

data:- {"token\_id": "sE9xO4aZZBkhfaA6"}

## 15) Get Outgoing Rule Details – POST Method

HoduPBX will receive API call to get the outgoing rule details.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/info/getOGRule](http://demo.hodusoft.com/hodupbx_api/api/info/getOGRule)

Parameter Name	Description
token_id	Token ID for the authentication.

Once the authentication is completed system will work according to the passed parameter of the required data.

### Possible Responses

Status Code	Status message	Reason
200	OK	When Outgoing Rule Detail Get Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Request Data Not Found.
602	Token Not Found	When Token ID Not Found.
603	Not Matched	When Token ID is Invalid.

### Example

[http://demo.hodusoft.com/hodupbx\\_api/api/info/getOGRule](http://demo.hodusoft.com/hodupbx_api/api/info/getOGRule)

**Note:-** In Response, the data of the outgoing rules will be given in the JSON Format.

data:- {"token\_id": "sE9xO4aZZBkhfaA6"}

## 16) Get DID Details – POST Method

HoduPBX will receive API call to get the DID details.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/info/getDID](http://demo.hodusoft.com/hodupbx_api/api/info/getDID)

Parameter Name	Description
token_id	Token ID for the authentication.

Once the authentication is completed system will work according to the passed parameter of the required data.

### Possible Responses

Status Code	Status message	Reason
200	OK	When DID Detail Get Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Request Data Not Found.
602	Token Not Found	When Token ID Not Found.
603	Not Matched	When Token ID is Invalid.

### Example

[http://demo.hodusoft.com/hodupbx\\_api/api/info/getDID](http://demo.hodusoft.com/hodupbx_api/api/info/getDID)

**Note:-** In Response, the data of the unassigned DID will be given in the JSON Format.

data:- {"token\_id": "sE9xO4aZZBkhfaA6"}

## 17) Assign DID – POST Method

HoduPBX will receive API call to assign DID to the Tenant.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/assign/assignDid](http://demo.hodusoft.com/hodupbx_api/api/assign/assignDid)

**Note:- All the Data must be passed in JSON Format.**

Parameter Name	Description	Data
token_id	Token ID for the authentication	Here, valid Token ID will be passed as data.
tenant_id	ID of the tenant	Valid Tenant ID. Compulsary field.
did_id	DID Ids for the assignment.	Valid DID Ids. Compulsary field. Multiple did id can be passed. The data should be passed in JSON array format.
sell_rate_plan_id	Sell Rate Plan for the Tenant	Valid Sell Rate Plan ID. Compulsary field.

Once the authentication is completed system will work according to the passed parameter of the required data.

### Possible Responses

Status Code	Status message	Reason
200	OK	When DID Assign Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Request Data Not Found.
602	Can Not Be Empty	When Value Cannot Be Empty.
603	Not Matched	When Token ID is Invalid.
604	Invalid Tenant ID	When Tenant ID is Invalid.
605	DID Not Found	When DID Number is Empty.
606	Format Conflict	When DID Number is not in Array.
607	DID Limit	When Tenant have reached to it's Maximun DID Limit.
608	Invalid DID	When DID ID is Invalid.
609	Invalid DID ID	When DID ID is not Found / Invalid.

610	Access Denied	When DID Service is not Allowed for the Tenant.
611	Sale Rateplan Not Found	When Sell Rate Plan is Empty.
612	Invalid Rateplan	When Sell Rate Plan is Invalid.
613	Currency Not Matched	When Tenant and Sell Rate Plan Currency does not Match.
614	No Tenant	When No Tenant Found.
615	No Sell Rateplan	When No Sell Rate Plan Found.

### Example

[http://demo.hodusoft.com/hodupbx\\_api/api/assign/assignDid](http://demo.hodusoft.com/hodupbx_api/api/assign/assignDid)

**Note:-** In Response, success message will be given in the JSON Format.

data:-

```
{"token_id":"sE9xO4aZZBkhfaA6","tenant_id":"1000","did_id":["1","2"],"sell_rate_plan_id":"3"}
```

## 18) Create Tenant – POST Method

HoduPBX will receive API call to create tenant.

Request URL : [http://demo.hodusoft.com/hodupbx\\_api/api/add/createTenant](http://demo.hodusoft.com/hodupbx_api/api/add/createTenant)

**Note:- All the Data must be passed in JSON Format.**

Parameter Name	Description	Data
token_id	Token ID for the authentication	Here, valid Token ID will be passed as data.
tenant_name	Name of the tenant	Valid Tenant Name. Compulsary field.
tenant_username	Web Username for the tenant	Valid Web Username. Compulsary field.
tenant_password	Web Password for the tenant	Valid Web Password. Compulsary field.
tenant_feature_password	Feature Code Pin for the tenant	Valid Feature Code Pin. Not Compulsary field. If value is not passed, it will generate automatically from the system.
tenant_email	Email for the tenant	Valid email address. Compulsary field.
tenant_phone_number	Phone Number for the tenant	Valid Phone Number. Not Compulsary field.
tenant_language	Languages for the tenant	From the allowed languages by the Admin, multiple language can be selected. Default language is "English" Pass language locale as data.
tenant_default_language	Default Language	From the selected Tenant Language, one of the Language is selected as default language. Default language is "English" Pass language locale as data.
tenant_moh_file	MOH file for the tenant	Not Compulsary field. YES ---> TO Allow. System will set default MOH,



		if allowed for the tenant.
tenant_currency	Currency of the tenant	From the allowed currency by the Admin, one currency can be selected. Compulsary field. Pass currency id as data.
tenant_country	Country of the tenant	From the list of the country, valid country can be selected. Compulsary field. Pass country id as data.
tenant_ext_callerid_customization	External Caller ID Customization value for the tenant	Not Compulsary field. From, "NONE", "DID", "ANY", one value can be selected. Default is "NONE".
tenant_codec_pref	Codec Preference for the tenant	Not Compulsary field. From, "Platform" and "Tenant", one value can be selected. Default is "Platform".
tenant_bill_type	Bill Type of the Tenant	Not Compulsary field. From, "PREPAID" or "POSTPAID", one value can be selected. Default is "PREPAID"
tenant_tax	Tax for the tenant	Valid Tax. Compulsary field.
tenant_customization	Customization feature for tenant	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "OFF".
tenant_payment	Payment feature for tenant	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "OFF".
tenant_reg_auth	Tenant Registration Authorizaion Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "OFF".

auto_call_record	Extension auto Recording Feature for the tenant	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
tenant_audio_codec	Audio Codecs for the tenant	Not Compulsary field. Pass the comma seperated values from the valid Audio codecs. Default is "PCMA,PCMU".
tenant_video_codec	Video Codecs for the tenant	Not Compulsary field. Pass the comman seperated values from the valid video codecs. Default is "H264,VP8".
tenant_outbound	Outbound feature for the tenant	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "OFF".
tenant_auto_inactive	Inactive On Bill Due Feature for the tenant	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
tenant_disable_ext_call	Disabled External Number Call Feature for the tenant	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "OFF".
tenant_email_invoice	Invoice Email Feature for the tenant	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "OFF".
tenant_due_alert	Due Alert Email Feature for the tenant	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed

		Default is "OFF".
tenant_due_notification	Due Notification Email Feature for the tenant	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "OFF".
tenant_low_balance_alert	Low Balance Alert Email Feature for the tenant	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "OFF".
api_access	API Access Feature for the tenant	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "OFF".
tenant_billplan_id	Billplan ID for the tenant	From the valid billplan, pass one of the billplan's ID as data. Compulsary field.
tenant_charge	One Time Charge for the tenant	Not Compulsary field. Pass the amount of the charge. Default is "0.00000"
bill_period	Due Period for the billplan	Not Compulsary field. Pass valid Numeric data. Default is "1".
alert_period	Alert Period for the billplan	Not Compulsary field. Pass valid Numeric data. Default is "1".
tenant_serv_id_ext	Extension Service ID	Compulsary field. Pass value "1" for the extension service.
tenant_serv_id_ext_count	Extension Service Count	Compulsary field. Pass valid numeric value.
tenant_serv_id_ext_rate	Extension Service Rate	Compulsary field. Pass valid data.
tenant_serv_id_video	Video Service ID	Not Compulsary field. Pass value "2" for the Video service.

tenant_serv_id_video_count	Video Service Count	Pass valid numeric value. Compulsary if "tenant_serv_id_video" is not empty.
tenant_serv_id_video_rate	Video Service Rate	Pass valid numeric value. Compulsary if "tenant_serv_id_video" is not empty.
tenant_serv_id_did	DID Service ID	Not Compulsary field. Pass value "3" for the DID service.
tenant_serv_id_did_count	DID Service Count	Pass valid numeric value. Compulsary if "tenant_serv_id_did" is not empty.
tenant_serv_id_did_rate	DID Service Rate	Pass valid numeric value. Compulsary if "tenant_serv_id_did" is not empty.
tenant_serv_id_playback	Playback Service ID	Not Compulsary field. Pass value "5" for the playback service.
tenant_serv_id_playback_count	Playback Service Count	Pass valid numeric value. Compulsary if "tenant_serv_id_playback" is not empty.
tenant_serv_id_playback_rate	Playback Service Rate	Pass valid numeric value. Compulsary if "tenant_serv_id_playback" is not empty.
tenant_serv_id_queue	Queue Service ID	Not Compulsary field. Pass value "6" for the queue service.
tenant_serv_id_queue_count	Queue Service Count	Pass valid numeric value. Compulsary if "tenant_serv_id_queue" is not empty.
tenant_serv_id_queue_rate	Queue Service Rate	Pass valid numeric value. Compulsary if "tenant_serv_id_queue" is not empty.
tenant_serv_id_ivr	IVR Service ID	Not Compulsary field. Pass value "7" for the IVR service.

tenant_serv_id_ivr_count	IVR Service Count	Pass valid numeric value. Compulsary if "tenant_serv_id_ivr" is not empty.
tenant_serv_id_ivr_rate	IVR Service Rate	Pass valid numeric value. Compulsary if "tenant_serv_id_ivr" is not empty.
tenant_serv_id_conference	Conference Service ID	Not Compulsary field. Pass value "8" for the conference service.
tenant_serv_id_conference_count	Conference Service Count	Pass valid numeric value. Compulsary if "tenant_serv_id_conference" is not empty.
tenant_serv_id_conference_rate	Conference Service Rate	Pass valid numeric value. Compulsary if "tenant_serv_id_conference" is not empty.
tenant_serv_id_ringgroup	Ringgroup Service ID	Not Compulsary field. Pass value "9" for the ringgroup service.
tenant_serv_id_ringgroup_count	Ringgroup Service Count	Pass valid numeric value. Compulsary if "tenant_serv_id_ringgroup" is not empty.
tenant_serv_id_ringgroup_rate	Ringgroup Service Rate	Pass valid numeric value. Compulsary if "tenant_serv_id_ringgroup" is not empty.
tenant_serv_id_voicemail	Voicemail Service ID	Not Compulsary field. Pass value "10" for the voicemail service.
tenant_serv_id_voicemail_count	Voicemail Service Count	Pass valid numeric value. Compulsary if "tenant_serv_id_voicemail" is not empty.
tenant_serv_id_voicemail_rate	Voicemail Service Rate	Pass valid numeric value. Compulsary if "tenant_serv_id_voicemail" is not empty.
tenant_serv_id_fax	Fax Service ID	Not Compulsary field. Pass value "11" for the fax service.

tenant_serv_id_fax_count	Fax Service Count	Pass valid numeric value. Compulsary if "tenant_serv_id_fax" is not empty.
tenant_serv_id_fax_rate	Fax Service Rate	Pass valid numeric value. Compulsary if "tenant_serv_id_fax" is not empty.
tenant_serv_id_paging	Paging Service ID	Not Compulsary field. Pass value "12" for the paging service.
tenant_serv_id_paging_count	Paging Service Count	Pass valid numeric value. Compulsary if "tenant_serv_id_paging" is not empty.
tenant_serv_id_paging_rate	Paging Service Rate	Pass valid numeric value. Compulsary if "tenant_serv_id_paging" is not empty.
tenant_serv_id_disa	Disa Service ID	Not Compulsary field. Pass value "13" for the disa service.
tenant_serv_id_disa_count	Disa Service Count	Pass valid numeric value. Compulsary if "tenant_serv_id_disa" is not empty.
tenant_serv_id_disa_rate	Disa Service Rate	Pass valid numeric value. Compulsary if "tenant_serv_id_disa" is not empty.
rule_id	Dialout Rule for the tenant	If tenant_outbound="ON", than rule can be assigned to the tenant. Not Compulsary field. Rules' ID can be passed as an array from the valid list of rules as data.
rp_id	Rateplan ID for the tenant	If tenant_outbound="ON", than rateplan ID is Compulsary field. Valid rateplan ID is passed as data.
call_balance	Call Balance for the tenant	If tenant_outbound="ON", than call_balance can be

		assigned to the tenant. Not Compulsary field. Valid Numeric value can be passed as data. Default is "1.00000".
alert_balance	Alert Balance for the tenant	If tenant_outbound="ON", than alert_balance can be assigned to the tenant. Not Compulsary field. Valid Numeric value can be passed as data. Default is "1.00000".
call_alert	Call Alert Type for the Tenant	If tenant_outbound="ON", than call_alert can be assigned to the tenant. Not Compulsary field. From, "ALL", "EXTERNAL" and "OFF", one value can be assigned. Default is "OFF".
tenant_one_time_charge	One Time Charge for the tenant	Valid One Time Charge. Not Compulsary field.
tenant_refund	Refund for the tenant	Valid Refund. Not Compulsary field.
tenant_discount	Discount for the tenant	Valid Discount. Not Compulsary field.
universal_forward	Universal Forward Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
busy_forward	Busy Forward Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
no_answer_forward	No Answer Forward Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
unavailable_forward	Unavailable Forward Feature	Not Compulsary field.

		From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
time_based_forward	Time Based Forward Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
selective_forward	Selective Forward Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
shift_forward	Shift Forward Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
whitelist	Whitelist Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
blacklist	Blacklist Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
follow_me	Follow Me Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
caller_id_block	Caller ID Block Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed



		ON ---> Allowed Default is "ON".
accept_blocked_caller_id	Accept Blocked Caller ID Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
do_not_disturb	Do Not Disturb Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
redial	Redial Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
call_return	Call Return Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
call_recording	Call Recording Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
holiday	Holiday Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
weekoff	Weekoff Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
bargein	Bargein Feature	Not Compulsary field.

		From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
transfer	Transfer Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
park	Park Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".
webphone	Webphone Feature	Not Compulsary field. From "OFF" or "ON", one value can be selected. OFF --> Not Allowed ON ---> Allowed Default is "ON".

Once the authentication is completed system will work according to the passed parameter of the required data.

### Possible Responses

Status Code	Status message	Reason
200	Extension Subscribed Successfully	When Tenant Created Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Request Data Not Found.
602	Can Not Be Empty	When Field Value is Empty.
603	Not Matched	When Token ID is Invalid.
604	Invalid Input	When Field Value has Invalid Input.
605	Already Exists	When Field Value is already exists.
606	Not Allow	When Field Value is not Allowed for the Feature.
607	Required Data	When Field Value is missing with

		Specific Required Data.
608	Currency Not Match	When Tenant Currency and Tenant Billplan Currency does not Match.
609	Bill Type Not Match	When Tenant Bill Type and Tenant Billplan Bill Type does not Match.
610	Not Numeric	When Field Value is not Numeric.
611	Can Not Be Same	When Two Values are Same / Duplicate.
612	Format Conflict	When Rule ID is not in Array.

### Example

[http://demo.hodusoft.com/hodupbx\\_api/api/add/createTenant](http://demo.hodusoft.com/hodupbx_api/api/add/createTenant)

**Note:- In Response, the data of the created tenant's ID, Name and Username will be given in the JSON Format.**

#### data:-

```
{
  "token_id": "sE9xO4aZZBkhfaA6",
  "tenant_name": "Jaytest",
  "tenant_username": "jaytest",
  "tenant_password": "123456",
  "tenant_email": "jay.raval@hodusoft.com",
  "tenant_currency": "64",
  "tenant_country": "99",
  "tenant_language": ["en", "tr"],
  "tenant_default_language": "en",
  "tenant_audio_codec": "PCMA,PCMU",
  "tenant_video_codec": "H264,VP8",
  "tenant_ext_callerid_customization": "NONE",
  "tenant_codec_pref": "Platform",
  "tenant_bill_type": "POSTPAID",
  "tenant_customization": "ON",
  "tenant_payment": "OFF",
  "tenant_reg_auth": "OFF",
  "auto_call_record": "ON",
  "tenant_tax": "5",
  "tenant_email_invoice": "ON",
  "tenant_billplan_id": "2",
  "bill_period": "1",
  "alert_period": "1",
  "tenant_serv_id_ext": "1",
  "tenant_serv_id_ext_count": "10",
  "tenant_serv_id_ext_rate": "0.0000",
  "tenant_serv_id_did": "3",
  "tenant_serv_id_did_count": "1",
  "tenant_serv_id_did_rate": "10.0000",
  "tenant_outbound": "ON",
  "rp_id": "8",
  "call_balance": "1.0000",
  "call_alert": "ALL",
  "tenant_one_time_charge": "5",
  "redial": "OFF"
}
```