



Tenant API User Manual

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1. General Information

This user's manual provides information on how to Use HoduPBX API, in a way that is easy to understand.

Application Programming Interfaces (API) is a specification that acts as an interface for software components.

There are many plugins are available for API in google chrome. Some of the Examples are Postman, Advance Rest Client etc..

How to get Advanced Rest Client / Postman

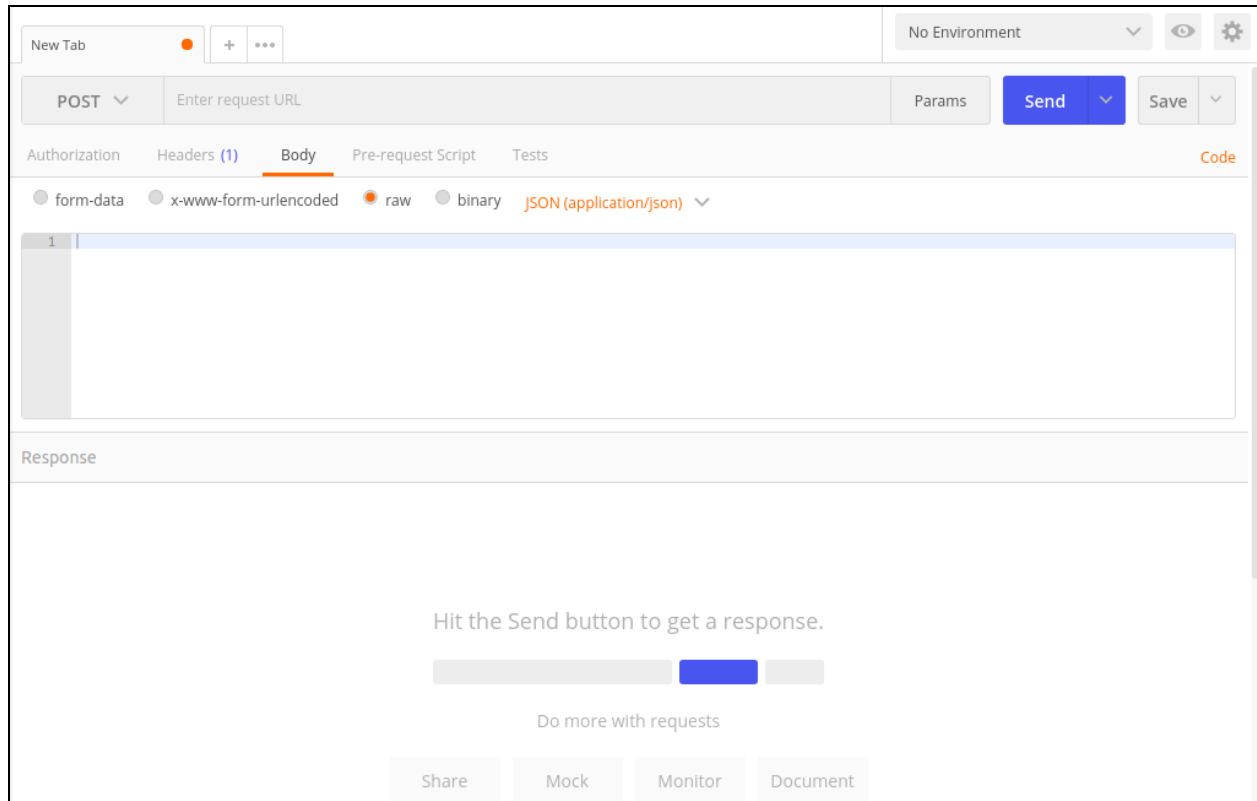
- Go to Google Chrome's Web Store
- Search for "Advanced Rest Client / Postman" [and](#) Install the extension
- Select the "Advanced Rest Client / Postman" icon under chrome's

app section - chrome://apps/

2. How it works

Below are the Steps :-

1) Go To Postman / Advance Rest Client.

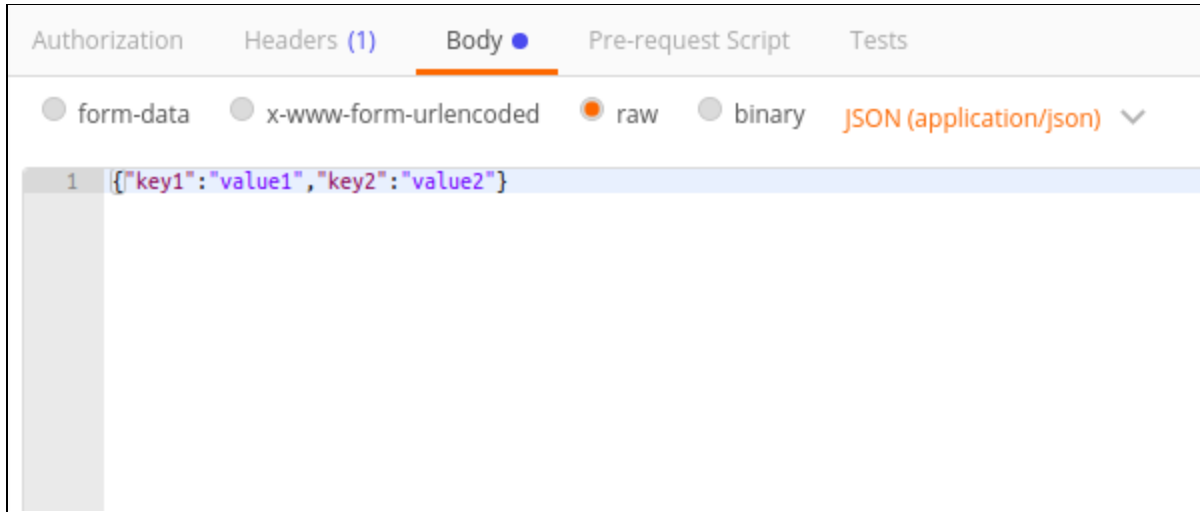


2) First user need to select the method, for all the Hodupbx API, POST Method will be used.

3) Need to enter the “**POST Request URL**” of the API in the URL textbox.

Enter request URL

- 4) Under Body, pass the request data of the API in the form of key-value pairs e.g. {"key1":"value1","key2":"value2"} in the raw.



- 5) Set the required content type e.g. JSON(application/json).

- 6) Hit the send button. After clicking on "send" button, you will see response in the Response Tab.

3. Call Log - POST Method

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

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='TENANT', then it will give particular tenant's details.
number (optional)	number can be extension number or external number of which the call log details required.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/2017-12-14/2017-12-14/TENANT/callLog

Data :- {"token_id":"sE9xO4aZZBkhfaA6","number":"122"}

Response :- 200 OK

```
{
  "status": "SUCCESS",
  "message": "Call Log Details.",
  "data": [
    {
      "tenant_id": "1000",
      "start_date": "2017-12-14 10:03:33",
      "end_date": "2017-12-14 10:03:59",
      "caller": "124",
      "callee": "122",
      "forward": "122",
      "incoming_call_charges": "0.00000",
      "outgoing_call_charges": "0.00000"
    },
    {
      "tenant_id": "1000",
      "start_date": "2017-12-14 10:05:47",
      "end_date": "2017-12-14 10:06:25",
      "caller": "124",
      "callee": "122",
      "forward": "122",
      "incoming_call_charges": "0.00000",
      "outgoing_call_charges": "0.00000"
    }
  ]
}
```

```

    }
  ]
}

```

Usage :- Once the authentication is completed system will provide call Logs based on enter parameter.

Here also user can get the call record for the particular number(number can be extension number or external number)

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: 'TENANT'
424	Method Failed	When Invalid URL 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 or user does not have API access.
502	Exception Thrown	When any Exception is thrown.

4. CRM Subscribe - POST Method

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

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

Example API :

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/crmSubscribe

Data :-

```
{"token_id":"6S8WynTrtyz1Npga","extension_number":"122","extension_password":"21b95a0f90138767b0fd324e6be3457b"}
```

Response :- 200 OK

```
{
  "status": "SUCCESS",
  "message": "Extension Subscribed Successfully."
}
```

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

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

5. CRM Unsubscribe - POST Method

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

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

Example API :

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/crmUnSubscribe

Data :-

```
{"token_id":"6S8WynTrtyz1Npga","extension_number":"122","extension_password":"21b95a0f90138767b0fd324e6be3457b"}
```

Response :- 200 OK

```
{
  "status": "SUCCESS",
  "message": "Extension UnSubscribed Successfully."
}
```

}

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

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	Which parameter is having problem will be given back in message field

4. Active Calls - POST Method

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

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='TENANT', then it will give particular tenant's details.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/TENANT/activeCalls

Data :- {"token_id":"sE9xO4aZZBkhfaA6"}

Response :- 200 OK

{

```
"status": "SUCCESS",  
"message": "Active Calls Details.",  
"data": [  
  {  
    "caller_number": "124",  
    "callee_number": "122",  
    "start_time": "2017-12-14 10:03:59",  
  },  
]  
}
```

In Response the data which user will get are:- caller_number, callee_number, start_time.

Usage :- Once the authentication is completed system will provide Active call details based on entered parameter.

If User type is Tenant, Then API Will return Active call details for the particular tenant.

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: 'TENANT'
424	Method Failed	When Invalid URL 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 or user does not have API access.
502	Exception Thrown	When any Exception is thrown.

5. Create Extension - POST Method

HoduPBX will receive API call to add extension.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/add/{userType}/createExtension

Data :-

```
(  
  "token_id" => "aBcD21RfdoNklssp",  
  "plan_id" => "6",  
  "shift_id" => "169",  
  "ext_number" => ["10005","10006"],  
  "ext_callgroup" => ["14","177"],
```

```
"language" => "en",  
"ext_sip_password" => "123456",  
"ext_web_password" => "123456",  
"ext_email_id" => "test@gmail.com",  
"ext_max_ext_call" => "5",  
"ext_ring_timeout" => "10",  
"ext_dial_timeout" => "10",  
"ext_feature_code_pin" => "123456",  
"ext_codec" => "PCMA,PCMU",  
"timezone_id" => "1",  
);
```

Response :- 200 OK

```
{  
    "status": "SUCCESS",  
    "message": "Extension Added Successfully."  
}
```

Usage :- Once the authentication is completed system will Create new Extension based on parameter in tenant.

Status Code	Status Message	Reason
200	OK	Extension Added Successfully.
424	Method Failed	When Invalid URL/Method is called.
601	Data Not Found	When requested data not found.
602	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
603	Can Not Be Empty	When Value Cannot Be Empty.
604	Invalid Input	When Input Parameter is Invalid.
605	Format Conflict	When Input Parameter is not in proper format as per required.
606	Limit Reached	When Tenant Reached to its limit for service count.
607	Not Numeric	When Input Parameter is not Numeric.
608	Already Exists	When Input Parameter gets duplicate value.
609	Access Denied	When Tenant has not access of particular service or action to perform.
610	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'
611	Tenant is Inactive OR deleted	Tenant is Inactive OR deleted

6. Update Extension - POST Method

HoduPBX will receive API call to update extension.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/update/{userType}/updateExtension

Data :-

```
(
  "token_id" => "aBcD21RfdoNklssp",
  "ext_id" => "1751",
  "plan_id" => "6",
```

```
"shift_id" => "169",  
"ext_callgroup" => ["14","177"],  
"language" => "en",  
"ext_sip_password" => "123456",  
"ext_web_password" => "123456",  
"ext_email_id" => "test@gmail.com",  
"ext_max_ext_call" => "5",  
"ext_ring_timeout" => "10",  
"ext_dial_timeout" => "10",  
"ext_feature_code_pin" => "123456",  
"ext_codec" => "PCMA,PCMU",  
);
```

Response :- 200 OK

```
{  
    "status": "SUCCESS",  
    "message": "Extension Updated Successfully."  
}
```

Usage :- Once the authentication is completed system will update Extension based on parameter in tenant.

Status Code	Status Message	Reason
200	OK	Extension Updated Successfully.
424	Method Failed	When Invalid URL/Method is called.
601	Data Not Found	When requested data not found.
602	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
603	Can Not Be Empty	When Value Cannot Be Empty.
604	Invalid Input	When Input Parameter is Invalid.
605	Format Conflict	When Input Parameter is not in proper format as per required.
606	Limit Reached	When Tenant Reached to its limit for service count.
607	Not Numeric	When Input Parameter is not Numeric.
608	Already Exists	When Input Parameter gets duplicate value.
609	Access Denied	When Tenant has not access of particular service or action to perform.
610	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'
611	Tenant is Inactive OR deleted	Tenant is Inactive OR deleted

7. Update Extension Detail - POST Method

HoduPBX will receive API call to update extension features.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
ext_number (mandatory)	Extension Number of which the extension feature is to be updated.
feature_name (mandatory)	Feature Name and its value which need to be updated.i.e. {"feature_name": "feature_value"}.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/extension

Data :-

```
{"token_id":"6S8WynTX4Ez1Npga","ext_number":"122","holiday":"123"}
```

```
{"token_id":"6S8WynTX4Ez1Npga","ext_number":"122","holiday":"9824740472"}
```

```
{"token_id":"6S8WynTX4Ez1Npga","ext_number":"122","holiday":"VM"}
```

Response :- 200 OK

```
{  
  "status": "SUCCESS",  
  "message": "Extension Detail Updated Successfully."  
}
```

Usage :- Once the authentication is completed system will update Extension Details based on given parameter.

Possible Responses

Status Code	Status Message	Reason
200	OK	When Extension Detail Updated Successfully.
424	Method Failed	When Invalid URL is called.
600	Authentication Failed	Token Authentication Failed.
601	Feature Limit	When multiple features are updated simultaneously.
602	Feature Extension	When Extension is Feature
603	No Extension	When given Extension details Not Found.
604	Inactive Tenant	When Tenant is Inactive.
605	No Tenant	When No Tenant Found.
606	No Request Data	When Request Data Not Found.
607	Can Not Be Empty	When Feature Value is Empty.
608	Not Matched	When Token ID does not Match.
609	Access Denied	When Extension does not have Access of particular Services Like Voicemail,Fax, Auto Call Recording.
610	Invalid Input	When Feature Value is Invalid.
611	Not Exists	When Entered Data does not exist in desired Data List or Invalid.
612	Not Numeric	When Feature Value is not a Numeric Value.
613	Can Not Be Same	When Two Data Values of Feature Value Are Same / Duplicate.
614	Not Allow	When Feature Value is not Allowed for that Feature.
615	Data Required	When Required Data is missing to Update Feature.
616	No Data	When No Data Found as Value.
617	No Zero Allow	When Feature Value does not Allow '0' as Value.

8. Update Extension Speeddial - POST Method

HoduPBX will receive API call to update the extension speeddial.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
ext_number (mandatory)	Extension Number of which the extension feature is to be updated.
Digit (mandatory)	The value of the digit which needs to be set.It can be from 0 to 9.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/speeddial

Data :-

```
{"token_id":"6S8WynTX4Ez1Npga","ext_number":"122","two":"123"}
```

```
{"token_id":"6S8WynTX4Ez1Npga","ext_number":"122","two":"9824740472"}
```

Response :- 200 OK

```
{
  "status": "SUCCESS",
  "message": "Extension Speeddial Updated Successfully.",
  "data": {
    "ext_id": "722"
  }
}
```

Usage :- Once the authentication is completed system will update speed dial based on given parameter.

Possible Responses

Status Code	Status Message	Reason
200	OK	When Extension Speeddial Updated Successfully.
424	Method Failed	When Invalid URL is called.
600	Authentication Failed	Token Authentication Failed.
601	Not Active	When Tenant OR Extension is Inactive.
602	Not Found	When Tenant OR Extension Not Found.
603	No Data Found	When Request Data Not Found.
604	Can Not Be Same	When Field Value is Same / Duplicate.
605	Not Numeric	When Field Value is not a Number.
606	Can Not Be Zero	When Field Value is Zero.
607	Not Valid	When Field Value is Invalid.
608	Access Denied	When the Extension does not have Access of Outbound.
609	Feature Limit	When multiple features are updated simultaneously.

9. Map DID With Extension - POST Method

HoduPBX will receive API call to Map DID With Extension details.

Parameter Name	Description	Data
token_id (mandatory)	Token ID for the authentication	Here, valid Token ID will be passed as data.
userType (mandatory)	User Type for Map DID	userType of the user. Allowed Type is: 'TENANT'.
did_id (mandatory)	DID ID for Map DID with Extension	Valid DID ID.
default_destination (mandatory)	Default Destination for DID	Allowed value is: 'IVR' OR 'EXTENSION'.
default_extension (mandatory)	Default Extension for DID	Valid Extension ID.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/mapDid

Data :- (

"token_id" => "J1d6FUxvusXmfl1x"

"did_id" => "101",

"default_destination" => "IVR",

"default_extension" => "25"

);

Response :-

{

"status": "SUCCESS",

"message": "Extension Mapped Successfully."

}

Usage :- Once the authentication is completed system will provide List of the Rule Group with ID and name.

Status Code	Status Message	Reason
200	Ok	When DID Mapped with Extension successfully.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.
605	Invalid DID	Invalid DID ID.
606	DID Not Found	Requested DID Not Found.

10. Create Phone Number - POST Method

HoduPBX will receive API call to Create Phone Number

Parameter Name	Description	Data
token_id (mandatory)	Token ID for the authentication	Here, valid Token ID will be passed as data.
userType (mandatory)	userType of the user	Here, valid Token ID will be passed as data.
pb_first_name (mandatory)	First Name	Valid First Name
pb_last_name (mandatory)	Last Name	Valid Last Name
pb_display_name (optional)	Display Name	Valid Display Name
pb_extension (optional)	Extension Number	Valid Extension Number. From Extension, Phone Number and Cell Number, Atleast one field is required
pb_phone_number (optional)	Phone Number	Valid Phone Number. From Extension, Phone Number and Cell Number, Atleast one field is required
pb_cell_number (optional)	Cell Number	Valid Cell Number. From Extension, Phone Number and Cell Number, Atleast one field is required
pb_email (optional)	Email	Valid email address.
pb_group (optional)	Phone Group	Valid Phone Group
custom_fields	Custom Field Array	When one of the Custom Field is Required then custom_fields Required.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/add/{userType}/createNumber

Data :-

```
(  
  "token_id" => "J1d6FUxvusXmfl1x",
```

```
"pb_first_name" => "Simple",
"pb_last_name" => "Patel",
"pb_display_name" => "Simple",
"pb_extension" => "706",
"pb_phone_number" => "65657654",
"pb_cell_number" => "354533444",
"pb_email" => "nisha.patel@hodusoft.com",
"pb_group" => "2",
"custom_fields" => [
    {
        "customfield1" : "2019-01-07 10:30",
        "customfield2" : "Pakwan",
    }
],
);
```

Response :-

```
{
  "status": "SUCCESS",
  "message": "Number Added Successfully."
}
```

Usage :- Once the authentication is completed system will Create Phone Number.

Status Code	Status Message	Reason
200	Ok	When Number Created successfully.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	Can Not Be Empty	When Field Value is Empty.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.
605	Already Exists	When Field Value is already exists.
606	Invalid Input	When Field Value is invalid
607	model.apiGuide.createPhoneNumber.607.statusMsg	model.apiGuide.createPhoneNumber.607.reason

11. Update Phone Number - POST Method

HoduPBX will receive API call to update Phone Number.

token_id (mandatory)	Token ID for the authentication	Here, valid Token ID will be passed as data.
phonebook_id (mandatory)	Phonebook ID	Valid Phonebook ID.
userType (mandatory)	userType of the user	userType of the user of which Number is Updated. Allowed Type is: 'TENANT'.
pb_first_name (optional)	First Name	Valid First Name
pb_last_name (optional)	Last Name	Valid Last Name
pb_display_name (optional)	Display Name	Valid Display Name
pb_extension (optional)	Extension Number	Valid Extension Number
pb_phone_number (optional)	Phone Number	Valid Phone Number
pb_cell_number (optional)	Cell Number	Valid cell Number
pb_email (optional)	Email	Valid email address.
pb_group (optional)	Phone Group	Valid Phone Group
custom_fields (optional)	Custom Field Array	Pass valid Custom field data.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/update/{userType}/updatePhoneNumber

Data :-

```
(
  "token_id" => "J1d6FUxvusXmfl1x",
  "phonebook_id" => "1",
  "pb_first_name" => "Simple",
  "pb_last_name" => "Patel",
  "pb_display_name" => "Simple",
  "pb_extension" => "706",
  "pb_phone_number" => "65657654",
  "pb_cell_number" => "354533444",
  "pb_email" => "nisha.patel@hodusoft.com",
```

```
"pb_group" => "3",  
"custom_fields" => [  
  {  
    "customfield1" : "2019-01-07 10:30",  
    "customfield2" : "Pakwan",  
  }  
],  
  
)
```

Response :-

```
{  
  "status": "SUCCESS",  
  "message": "Number Updated Successfully."  
};
```

Usage :- Once the authentication is completed system will update Phone Number.

Status Code	Status Message	Reason
200	Ok	When DID Mapped with Extension successfully.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.
605	Invalid DID	Invalid DID ID.
606	DID Not Found	Requested DID Not Found.

12. Delete Phone Number - POST Method

HoduPBX will receive API call to Delete Phone Number.

token_id (mandatory)	Token ID for the authentication	Here, valid Token ID will be passed as data.
phonebook_id (mandatory)	Phonebook ID	Valid Phonebook ID.
userType (mandatory)	userType of the user	userType of the user of which Number is Deleted. Allowed Type is: 'TENANT'.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/delete/{userType}/deletePhoneNumber

Data :-

```
(
  "token_id" => "J1d6FUxvusXmfl1x",
  "phonebook_id" => "1"
```

);

Response :-

```
{  
  "status": "SUCCESS",  
  "message": "Number Deleted Successfully."  
}
```

Usage :- Once the authentication is completed system will Delete Phone Number.

Status Code	Status Message	Reason
200	Ok	When Number Deleted successfully.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	Can Not Be Empty	When Field Value is Empty.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.

13. Create outgoing rule group - POST Method

HoduPBX will receive API call to create outgoing rule group.

Parameter Name	Description	Data
token_id (mandatory)	Token ID for the authentication	Here, valid Token ID will be passed as data.
or_grp_name (mandatory)	Name of the Outgoing Rule Group	Valid Outgoing Rule Group Name.
or_grp_status (optional)	Status	From "OFF" or "ON", one value can be selected, Default is "ON".
or_grp_member (mandatory)	Rule for Outgoing Rule Group	Valid Rules.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/add/{userType}/createOGRulesGroup

Data :- {

```
"token_id" => "lluvNLJbeyleVNPG",  
"or_grp_name" => "Test",  
"or_grp_member" => ["1","2"],
```

```
}
```

Response :- 200 OK

```
{
```

```
  "status": "SUCCESS",  
  "message": "Rule Group Created Successfully.",  
  "data": {  
    "or_grp_id": "1"  
  }  
}
```

Usage :- Once the authentication is completed system will create the outgoing rule group.

Possible Responses

Status Code	Status Message	Reason
200	Ok	When outgoing Rules Group RuleGroup Created Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Requested Data Not Found.
602	Can Not Be Empty	When Field Value is Empty.
603	Authentication Failed	When Token ID is Invalid.
604	Invalid Input	When Field Value has Invalid Input.
605	Not Numeric	When Field Value is not Numeric.
606	Forma Conflict.	When Field Value is not in Array.

14. Create User - POST Method

HoduPBX will receive API call to get the balance details.

Parameter Name	Description
token_id (mandatory)	Here, valid Token ID will be passed as data.
userType (mandatory)	userType of the user of which the user is created.
user_name (mandatory)	Valid User Name.
password (mandatory)	Valid User Password.
first_name (mandatory)	Valid User First Name.
last_name (mandatory)	Valid User Last Name.
email (mandatory)	Valid User Email Address.
user_role (mandatory)	Pass valid Role.
language (mandatory)	Valid Languages. Multiple language can be passed.The data should be passed in array format.
default_language (mandatory)	Valid Default Language.
timezone_id (mandatory)	Valid Timezone ID.
default_date_format (mandatory)	Pass Valid Default Date Format.
enable_sso_google (optional)	Enable SSO With GoogleFrom "OFF" or "ON", one value can be selected.OFF --> Not Allowed. ON ---> Allowed.Default is "OFF".
sso_email_google (Compulsary if enable_sso_O365 is "ON")	SSO Email ID For Google
enable_sso_O365 (optional)	Enable SSO With MicrosoftFrom "OFF" or "ON", one value can be selected.OFF --> Not Allowed. ON ---> Allowed.Default is "OFF".
sso_email_O365 (Compulsary if enable_sso_google is "ON")	Valid SSO Email ID For Microsoft.
user_status (optional)	From "Y" or "N", one value can be selected.N --> Inactive. Allowed Y ---> Active.Default is "Y".

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/add/{userType}/createUser

Data :- {

```
"token_id" : "lluvNLJbeyleVNPG",
  "user_name" : "demo_2",
  "password" : "123456",
  "first_name" : "demo_1",
  "last_name" : "demo_1",
  "email" : "xyz@example.com",
  "user_role" : "1",
  "language" : ["bg","zh_cn","nl","en","it","es"],
  "default_language" : "zh_cn",
  "timezone_id" : "1",
  "default_date_format" : "MM-DD-YYYY HH:MM:SS",
  "enable_sso_google" : "ON",
  "sso_email_google" : "abc@gmail.com",
  "enable_sso_O365" : "ON",
  "sso_email_O365" : "xyz@gmail.com",
  "user_status" : "Y"

}
```

Response :- 200 OK

```
{
  "status": "SUCCESS",
  "message": "User Created Successfully.",
  "data": {
    "user_id": "55"
  }
}
```


Usage :- Once the authentication is completed system will create the user.

Possible Responses

Status Code	Status Message	Reason
200	Ok	When User Created Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Requested Data Not Found.
602	Can Not Be Empty	When Field Value is Empty.
603	Authentication Failed	When Token ID is Invalid.
604	Invalid Input	When Field Value has Invalid Input.
606	Format Conflict	When Field Value is not in Array.
502	Exception Thrown	When any Exception is thrown.

15. Update User - POST Method

HoduPBX will receive API call to update user details.

Parameter Name	Description
token_id (mandatory)	Here, valid Token ID will be passed as data.
userType (mandatory)	userType of the user of which the user is updated.
user_id (mandatory)	Pass valid User ID
user_name (mandatory)	Valid User Name.
password (mandatory)	Valid User Password.
first_name (mandatory)	Valid User First Name.
last_name (mandatory)	Valid User Last Name.
email (mandatory)	Valid User Email Address.
user_role (mandatory)	Pass valid Role.
language (mandatory)	Valid Languages. Multiple language can be passed.The data should be passed in array format.
default_language (mandatory)	Valid Default Language.
timezone_id (mandatory)	Valid Timezone ID.
default_date_format (mandatory)	Pass Valid Default Date Format.
enable_sso_google (optional)	Enable SSO With GoogleFrom "OFF" or "ON", one value can be selected.OFF --> Not Allowed. ON --> Allowed.Default is "OFF".
sso_email_google (Compulsary if enable_sso_O365 is "ON")	SSO Email ID For Google
enable_sso_O365 (optional)	Enable SSO With MicrosoftFrom "OFF" or "ON", one value can be selected.OFF --> Not Allowed. ON --> Allowed.Default is "OFF".
sso_email_O365 (Compulsary if enable_sso_google is "ON")	Valid SSO Email ID For Microsoft.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/update/{userType}/updateUser

Data :- {

```
"token_id" : "lluvNLJbeyleVNPG",
  "user_id" : "1",
  "user_name" : "demo_2",
  "password" : "123456",
  "first_name" : "demo_1",
  "last_name" : "demo_1",
  "email" : "xyz@example.com",
  "user_role" : "1",
  "language" : ["bg","zh_cn","nl","en","it","es"],
  "default_language" : "zh_cn",
```

```

        "timezone_id" : "1",
        "default_date_format" : "MM-DD-YYYY HH:MM:SS",
        "enable_sso_google" : "ON",
        "sso_email_google" : "abc@gmail.com",
        "enable_sso_O365" : "ON",
        "sso_email_O365" : "xyz@gmail.com",
        "user_status" : "Y"
    }

```

Response :- 200 OK

```

{
    "status": "SUCCESS",
    "message": "User Updated Successfully."
}

```

Usage :- Once the authentication is completed system will update the user details.

Possible Responses

Status Code	Status Message	Reason
200	Ok	When User Updated Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Requested Data Not Found.
602	Can Not Be Empty	When Field Value is Empty.
603	Authentication Failed	When Token ID is Invalid.
604	Invalid Input	When Field Value has Invalid Input.
605	Not Numeric	When Field Value is not Numeric.
606	Format Conflict	When Field Value is not in Array.
502	Exception Thrown	When any Exception is thrown.

17. Delete User - POST Method

HoduPBX will receive API call to delete the user.

Parameter Name	Description
token_id (mandatory)	Here, valid Token ID will be passed as data.
userType (mandatory)	userType of the user of which the user is deleted.
user_id (mandatory)	Pass valid User ID

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/delete/{userType}/deleteUser

Data :- {
 "token_id" : "IluvNLJbeyleVNPG",
 "user_id" : "1"
}

Response :- 200 OK
{
 "status": "SUCCESS",
 "message": "User Deleted Successfully."
}

Usage :- Once the authentication is completed system will delete the user.

Possible Responses		
Status Code	Status Message	Reason
200	Ok	When User Deleted Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Requested Data Not Found.
602	Can Not Be Empty	When Field Value is Empty.
603	Authentication Failed	When Token ID is Invalid.
604	Invalid Input	When Field Value has Invalid Input.
605	Not Numeric	When Field Value is not Numeric.
502	Exception Thrown	When any Exception is thrown.

18. Get User Details - POST Method

HoduPBX will receive API call to get the user details.

Parameter Name	Description
token_id (mandatory)	Here, valid Token ID will be passed as data.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getUser

Data :- {
 "token_id":"aBcD21RfdoNklssp"
 }

Response :- 200 OK
 {
 "status": "SUCCESS",
 "message": "User Details",

```

"data": [
  {
    "user_id": "7",
    "user_name": "demo_user",
    "password": "7e60c6e621584e93b5e0f6f5f0c4b4cc",
    "first_name": "demo_user",
    "last_name": "demo_user",
    "email": "abc@gmail.com",
    "user_status": "Active"
  }
]
}

```

Usage :- Once the authentication is completed system will provide the user details.

Possible Responses		
Status Code	Status Message	Reason
200	Ok	When User Detail successfully fetched.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Requested Data Not Found.
602	Can Not Be Empty	When Field Value is Empty.
603	Authentication Failed	When Token ID is Invalid.
604	Invalid Input	When Field Value has Invalid Input.
502	Exception Thrown	When any Exception is thrown.

19. Create Role - POST Method

HoduPBX will receive API call to create user role.

Parameter Name	Description
token_id (mandatory)	Here, valid Token ID will be passed as data.
userType (mandatory)	userType of the user of which the Role is created.
role_name (mandatory)	Valid Role Name
role_description (mandatory)	Valid Role Description.
page_list (mandatory)	Pass Valid Pages List OR "ALL".If Multiple page will be passed then data should be passed in array format.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/add/{userType}/createUserRole

Data :- {

```

    "token_id" : "lluvNLJbeyleVNPG",
    "role_name" : "demo_role",
    "role_description" : "demo_role",
    "page_list" : ["1","2","3"] //OR "ALL"
  }
```

Response :- 200 OK

```

{
  "status": "SUCCESS",
  "message": "Role Created Successfully.",
  "data": {
    "role_id": "71"
  }
}
```

Usage :- Once the authentication is completed system will provide create user role.

Possible Responses		
Status Code	Status Message	Reason
200	Ok	When Role Created Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Requested Data Not Found.
602	Can Not Be Empty	When Field Value is Empty.
603	Authentication Failed	When Token ID is Invalid.
604	Invalid Input	When Field Value has Invalid Input.
606	Format Conflict	When Field Value is not in Array.
502	Exception Thrown	When any Exception is thrown.

20. Update role - POST Method

HoduPBX will receive API call to update user role.

Parameter Name	Description
token_id (mandatory)	Here, valid Token ID will be passed as data.
userType (mandatory)	userType of the user of which the role is updated.
role_id (mandatory)	Pass Valid Role ID.
role_description (mandatory)	Valid Role Description.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/update/{userType}/updateUserRole

Data :- {

```
"token_id" : "lluvNLJbeyleVNPG",
"role_id" : "1",
"page_list" : ["1","2","3"]
```



```
}
```

Response :- 200 OK

```
{  
  "status": "SUCCESS",  
  "message": "Role Updated Successfully."  
}
```

Usage :- Once the authentication is completed system will update the user role.

Possible Responses		
Status Code	Status Message	Reason
200	Ok	When Role Updated Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Requested Data Not Found.
602	Can Not Be Empty	When Field Value is Empty.
603	Authentication Failed	When Token ID is Invalid.
604	Invalid Input	When Field Value has Invalid Input.
605	Not Numeric	When Field Value is not Numeric.
606	Format Conflict	When Field Value is not in Array.
502	Exception Thrown	When any Exception is thrown.

21. Delete Role - POST Method

HoduPBX will receive API call to delete user role.

Parameter Name	Description
token_id (mandatory)	Here, valid Token ID will be passed as data.
role_id (mandatory)	Pass Valid Role ID.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/delete/{userType}/deleteUserRole

Data :- {
 "token_id" => "lluvNLJbeyleVNPG",
 "role_id" => "1"
 }

Response :- 200 OK
 {
 "status": "SUCCESS",
 "message": "Role Deleted Successfully."
 }

Usage :- Once the authentication is completed system will delete the user role.

Possible Responses		
Status Code	Status Message	Reason
200	Ok	When Role Deleted Successfully.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Requested Data Not Found.
602	Can Not Be Empty	When Field Value is Empty.
603	Authentication Failed	When Token ID is Invalid.
604	Invalid Input	When Field Value has Invalid Input.
605	Not Numeric	When Field Value is not Numeric.
502	Exception Thrown	When any Exception is thrown.

22. Get Role details - POST Method

HoduPBX will receive API call to get the user role details.

Parameter Name	Description
token_id (mandatory)	Here, valid Token ID will be passed as data.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getUserRole

Data :- {
 "token_id": "sE9xO4aZZBkhfaA6"
 }

Response :- 200 OK
 {
 "status": "SUCCESS",
 "message": "Role Details",
 }

```

"data": [
  {
    "role_id": "70",
    "role_name": "anjali_role_1",
    "role_description": "anjali_role_1"
  }
]
}

```

Usage :- Once the authentication is completed system will provide user role details.

Possible Responses		
Status Code	Status Message	Reason
200	Ok	When Role Details successfully fetched.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Requested Data Not Found.
602	Can Not Be Empty	When Field Value is Empty.
603	Authentication Failed	When Token ID is Invalid.
604	Invalid Input	When Field Value has Invalid Input.

23. Get role pages - POST Method

HoduPBX will receive API call to get the role page details.

Parameter Name	Description
token_id (mandatory)	Here, valid Token ID will be passed as data.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getRolePages

Data :- {
 "token_id": "sE9xO4aZZBkhfaA6"
}

Response :- 200 OK

```
{
  "status": "SUCCESS",
  "message": "Pages Details.",
  "data": {
    "Dashboard": [
      {
        "page_id": "1",
        "page_name": "Account"
      },
      {
        "page_id": "2",
        "page_name": "Call Details"
      },
    ]
  }
}
```

Usage :- Once the authentication is completed system will provide user role page details.

Possible Responses		
Status Code	Status Message	Reason
200	Ok	When Role Details successfully fetched.
424	Method Failed	When Invalid URL is called.
601	Data Not Found	When Requested Data Not Found.
602	Can Not Be Empty	When Field Value is Empty.
603	Authentication Failed	When Token ID is Invalid.
604	Invalid Input	When Field Value has Invalid Input.

24. Get Balance - POST Method

HoduPBX will receive API call to get the balance details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the balance details required.i.e. If userType="TENANT", then it will give particular tenant's details.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/TENANT/balance

Data :- {"token_id":"sE9xO4aZZBkhfaA6"}

Response :- 200 OK

```
{
  "status": "SUCCESS",
  "message": "Tenant Balance Details.",
  "data": [
    {
      "tenant_id": "1000",
```

```

    "tenant_name": "hodusoft",
    "current_balance": "244.45999",
    "currency_code": "USD"
  }
]
}

```

Usage :- Once the authentication is completed system will provide Balance Details for the particular tenant.

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.
409	No Balance Details Found	When requested balance details not found.
414	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'
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 or user does not have API access.
502	Exception Thrown	When any Exception is thrown.

25. Get Recording Path - POST Method

HoduPBX will receive API call to get the recording path.

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='TENANT', then it will give particular tenant's details.
callid (mandatory)	Call ID of which the recording download path is required.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/TENANT/recordingPath

Data :- {"token_id":"6S8WynTX4Ez1Npga","callid":"49634"}

Response :- 200 OK

```
{
  "status": "SUCCESS",
  "message": "Recording Path.",
  "data": {
    "recordingPath":
"http://pbx.hodusoft.com/fs_sounds/recordings/0/1000/auto_rec/2017-12-15/4fa3de7c-a875-4327-9e5b-ce124673a361.wav"
  }
}
```

Usage :- Once the authentication is completed system will provide Recording path for the particular Call ID.

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: 'TENANT'
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 or user does not have API access.
502	Exception Thrown	When any Exception is thrown.

26. Get Plan - POST Method

HoduPBX will receive API call to get the Plan details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the plan details required.i.e. If userType='TENANT', then it will give particular tenant's plan details.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/TENANT/getPlan

Data :- {"token_id":"6S8WynTX4Ez1Npga"}

Response :- 200 OK

{

```

    "status": "SUCCESS",
    "message": "Plan Details.",
    "data": [
      {
        "plan_id": "1",
        "plan_name": "demoplan"
      }
    ]
  }

```

Usage :- Once the authentication is completed system will provide List of plan created in tenant.

Status Code	Status Message	Reason
200	OK	When Plan Details successfully fetched. In JSON response the data which user will get are:- plan_id, plan_name
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When requested data not found.
602	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
603	No Token	When Token ID parameter is missing.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'
605	No Tenant Found	When Tenant Data Not Found.
606	Tenant is Inactive OR deleted	Tenant is Inactive OR deleted

27. Get Group - POST Method

HoduPBX will receive API call to get the Group details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the group details required.i.e. If userType='TENANT', then it will give particular tenant's group details.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/TENANT/getGroup

Data :- {"token_id":"6S8WynTX4Ez1Npga"}

Response :- 200 OK

```
{
  "status": "SUCCESS",
  "message": "Group Details.",
  "data": [
    {
      "group_id": "1",
      "group_name": "Default"
    }
  ]
}
```

Usage :- Once the authentication is completed system will provide List of Group created in tenant.

Status Code	Status Message	Reason
200	OK	When Group Details successfully fetched. In JSON response the data which user will get are:- group_id, group_name
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When requested data not found.
602	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
603	No Token	When Token ID parameter is missing.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'
605	No Tenant Found	When Tenant Data Not Found.
606	Tenant is Inactive OR deleted	Tenant is Inactive OR deleted

28. Get Shift - POST Method

HoduPBX will receive API call to get the Shift details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the shift details required.i.e. If userType='TENANT', then it will give particular tenant's shift details.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/TENANT/getShift

Data :- {"token_id":"6S8WynTX4Ez1Npga"}

Response :- 200 OK

```
{
  "status": "SUCCESS",
  "message": "Shift Details.",
}
```

```

    "data": [
      {
        "shift_id": "1",
        "shift_name": "Default"
      },
      {
        "shift_id": "140",
        "shift_name": "A shift"
      }
    ]
  }

```

Usage :- Once the authentication is completed system will provide List of Shift created in tenant.

Status Code	Status Message	Reason
200	OK	When Shift Details successfully fetched. In JSON response the data which user will get are:- shift_id, shift_name
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When requested data not found.
602	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
603	No Token	When Token ID parameter is missing.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'
605	No Tenant Found	When Tenant Data Not Found.
606	Tenant is Inactive OR deleted	Tenant is Inactive OR deleted

29. Get Timezone - POST Method

HoduPBX will receive API call to get the timezone details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user in which the timezone details required.i.e. userType='TENANT'.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/TENANT/getTimezone

Data :- {"token_id":"6S8WynTX4Ez1Npga"}

Response :- 200 OK

```
{
  "status": "SUCCESS",
  "message": "Timezone Details : ",
  "data": [
    {
      "timezone_id": "548",
      "timezone_name": "ACT (+9:30)"
    },
    {
      "timezone_id": "555",
      "timezone_name": "AET (+10:00)"
    }
  ]
}
```

Usage :- Once the authentication is completed system will provide List of the Timezone with ID and name.

Status Code	Status Message	Reason
200	OK	When Timezone Details successfully fetched. In JSON response the data which user will get are:- timezone_id, timezone_name
424	Method Failed	When Invalid URL/Method is called.
601	Data Not Found	When requested data not found.
602	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
603	No Token	When Token ID parameter is missing.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'

30. Get Balance plan - POST Method

HoduPBX will receive API call to get the balance plan details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the balance plan details required.i.e. userType='TENANT', then it will give balance plan details whose tenant_id is passed.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/TENANT/getBalancePlan

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :- 200 ok

```
{
  "status": "SUCCESS",
  "message": "Balance Plan Details.",
}
```

```

    "data": [
      {
        "balance_plan_id": "16",
        "balance_plan_name": "test2"
      },
      {
        "balance_plan_id": "17",
        "balance_plan_name": "test3"
      }
    ]
  }

```

Usage :- Once the authentication is completed system will provide List of the Balance plan with ID and name.

Status Code	Status Message	Reason
200	OK	When Balance Plan Details successfully fetched. In JSON response the data which user will get are:- balance_plan_id, balance_plan_name
424	Method Failed	When Invalid URL/Method is called.
601	Data Not Found	When requested data not found.
602	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
603	No Token	When Token ID parameter is missing.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'
605	No Tenant Found	When Tenant Data Not Found.
606	Tenant is Inactive OR deleted	Tenant is Inactive OR deleted

31. Get Rule group - POST Method

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

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the rule group details required.i.e. userType='TENANT', then it will give rule group details whose tenant_id is passed.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/TENANT/getRuleGroup

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :- 200 ok

```
{
  "status": "SUCCESS",
  "message": "Rule Group Details.",
  "data": [
    {
      "rule_group_id": "1",
      "rule_group_name": "demo_rule_grp"
    }
  ]
}
```

Usage :- Once the authentication is completed system will provide List of the Rule Group with ID and name.

Status Code	Status Message	Reason
200	OK	When Rule Group Details successfully fetched. In JSON response the data which user will get are:- rule_group_id, rule_group_name
424	Method Failed	When Invalid URL/Method is called.
601	Data Not Found	When requested data not found.
602	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
603	No Token	When Token ID parameter is missing.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'
605	No Tenant Found	When Tenant Data Not Found.
606	Tenant is Inactive OR deleted	Tenant is Inactive OR deleted

32. Get Payment Details - POST Method

HoduPBX will receive API call to get the Payment details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
startDate (mandatory)	startDate for the required Payment data in YYYY-MM-DD format.
endDate (mandatory)	endDate for the required Payment data in YYYY-MM-DD format.
userType (mandatory)	userType of the user of which the Payment details required.i.e. If userType='TENANT', then it will give Payment details of particular tenant.
payment_type (optional)	Type of Payment. From "FAILED" or "SUCCESS", one value can be selected.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{startDate}/{endDate}/{userType}/getPayment

Data :-

```
( "token_id" => "lluvNLJbeyleVNPG", "payment_type" => "FAILED", );
```

Response :-

```
{
  "status": "SUCCESS",
  "message": "Payments Details."
  "count": 2,
  "data": [
    {
      "Entity": "BALANCE",
      "ID": "0",
      "Amount": "1.00000",
      "Date": "2018-06-14",
      "Remark": "test",
      "Payment Details": "N/A,failed,1.00,USD,,1001",
    },
    {
      "Entity": "SERVICE_PAYMENT",
      "ID": "147",
      "Amount": "30.00000",
      "Date": "2018-08-28",
      "Remark": "test",
      "Payment Details": "N/A,failed,5.42,INR,,1057",
    }
  ]
}
```

Usage :- Once the authentication is completed system will get the Payment Details.

Status Code	Status Message	Reason
200	Ok	When Payment Details successfully fetched. In JSON response the data which user will get are:- Entity,ID,Amount,Date,Remark,Payment Details.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.
605	Invalid Start Date	When Start Date is in invalid format. Allowed format is : 'YYYY-MM-DD'.
606	Invalid End Date	When End Date is in invalid format.Allowed format is : 'YYYY-MM-DD'.
608	No Tenant Found	When Tenant Data Not Found.

33.Get Invoice Details - POST Method

HoduPBX will receive API call to get Invoice details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the Invoice details required.i.e. If userType='TENANT', then it will give Invoice details of particular tenant.
invoice_status (optional)	Invoice Payment Status. Allowed value is 'UNPAID','PAID' OR 'PARTIAL'.
invoice_duedate (optional)	DueDate for the Invoice Detail in YYYY-MM-DD format.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.3/api/info/TENANT/getRuleGroup

Data :-

```
(  
  "token_id" => "lluvNLJbeyleVNPG",  
  "invoice_status" => "PAID",  
  "invoice_duedate" => "2018-04-30",  
);
```

Response :-

```
{  
  "status": "SUCCESS",  
  "message": "Invoice Details."  
  "invoice_count": 1,  
  "data": [  
    {  
      "Invoice ID": "1",  
      "Invoice Date": "2018-04-30",  
      "Alert Date": "2018-04-30",  
      "Due Date": "2018-04-30",  
      "Bill Amount": "12.50000",  
      "Call Amount": "0.00000",  
      "Available Balance": "0.00000",  
      "Adjusted Balance": "0",  
      "Onetime Amount": "0.00000",  
      "Refund": "0.00000",  
      "Discount": "0.00",  
      "Tax (%)": "0.00",  
      "Amount": "347.50000",  
      "Paid Amount": " - ",  
      "Service Amount": "305.00000",  
      "Incoming Charge": "0.00000",  
      "Outgoing Charge": "0.00000",  
      "Currency": "USD",
```

```

    "Pdf": "http://www.anjalipbx.com/billing_scripts/invoice_pdf_files//1.pdf",
  }
]
}

```

Usage :- Once the authentication is completed system will get Invoice Details.

Status Code	Status Message	Reason
200	Ok	When Payment Details successfully fetched. In JSON response the data which user will get are:-Invoice ID,Invoice Date,Alert Date,Due Date,Status,Bill Amount,Call Amount,Available Balance,Adjusted Balance,Onetime Amount,Refund,Discount,Tax (%),Amount,Paid Amount,Service Amount,Incoming Charge,Outgoing Charge,Currency,Pdf.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.
605	Invalid Input	When Field Value has Invalid Input.
606	Invalid Due Date	When Invoice Due Date is in invalid format. Allowed format is : 'YYYY-MM-DD'.

34. Get Rule group - POST Method

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

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the Tenant details required. Allowed Type is: 'TENANT'.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getTenantDetails

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :-

```
{
  "status": "SUCCESS",
  "message": "DID Details."
  "count": 3,
  "data": [
    {
      "did_id": "2",
      "did_number": "9824740472"
    }
    {
      "did_id": "98",
      "did_number": "344324"
    }
    {
      "did_id": "101",
      "did_number": "12341"
    }
  ]
}
```

Usage :- Once the authentication is completed system will get Rule Group Details.

Status Code	Status Message	Reason
200	OK	When Rule Group Details successfully fetched. In JSON response the data which user will get are:- rule_group_id, rule_group_name
424	Method Failed	When Invalid URL/Method is called.
601	Data Not Found	When requested data not found.
602	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
603	No Token	When Token ID parameter is missing.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'
605	No Tenant Found	When Tenant Data Not Found.
606	Tenant is Inactive OR deleted	Tenant is Inactive OR deleted

35. Get Tenant Info - POST Method

HoduPBX will receive API call to get Tenant info Details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the rule group details required.i.e. userType='TENANT', then it will give rule group details whose tenant_id is passed.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getTenantInfo

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :-

```
{
  "status": "SUCCESS",
  "message": "Tenant Details."
  "data": [
    {
      "Tenant": "Demo1",
      "Tenant Status": "ACTIVE",
      "Invoice Status": "UNPAID",
      "Invoice Amount": "41.06000",
      "Credit Balance": "1000.00000",
      "Invoice DueDate": "2018-10-12"
    }
  ]
}
```

Usage :- Once the authentication is completed system will get Tenant Info Details.

Status Code	Status Message	Reason
200	Ok	When Tenant Details successfully fetched.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.

36. Get Extension - POST Method

HoduPBX will receive API call to get the Extension details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the Extension details required. Allowed Type is: 'TENANT'.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getExtension

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :-

```
{
  "status": "SUCCESS",
  "message": "Extension Details."
  "count": 3,
  "data": [
    {
      "ext_id": "645",
      "ext_name": "1001103-1001103"
    }
    {
      "ext_id": "485",
      "ext_name": "102_name-102"
    }
    {
      "ext_id": "625",
      "ext_name": "118-118"
    }
  ]
}
```

```

    }
  ]
}

```

Usage :- Once the authentication is completed system will get Extension Details.

Status Code	Status Message	Reason
200	Ok	When Extension Details successfully fetched. In JSON response the data which user will get are:- ext_id,ext_name.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.

37. Get IVR - POST Method

HoduPBX will receive API call to get IVR details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the IVR details required. Allowed Type is: 'TENANT'.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getIVR

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :-

```
{
  "status": "SUCCESS",
  "message": "IVR Details."
  "count": 3,
  "data": [
    {
      "ivr_id": "1",
      "ivr_name": "IVR-3000",
    }
    {
      "ivr_id": "4",
      "ivr_name": "IVR_1-3001",
    }
    {
      "ivr_id": "21",
      "ivr_name": "IVR_5-3005",
    }
  ]
}
```

Usage :- Once the authentication is completed system will get IVR Details.

Status Code	Status Message	Reason
200	Ok	When IVR Details successfully fetched. In JSON response the data which user will get are:- ivr_id,ivr_name.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.

38. Get Playback - POST Method

HoduPBX will receive API call to get the Playback details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the Playback details required. Allowed Type is: 'TENANT'.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getPlayback

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :-

```
{
  "status": "SUCCESS",
  "message": "Playback Details."
  "count": "2",
  "data": [
```

```

{
  "playback_id": "1",
  "playback_name": "Playback_1",
  "playback_extension": "1000"
},
{
  "playback_id": "2",
  "playback_name": "Playback_2",
  "playback_extension": "1001"
}
]
}

```

Usage :- Once the authentication is completed system will get Playback Details.

Status Code	Status Message	Reason
200	Ok	When Playback Details successfully fetched. In JSON response the data which user will get are:- playback_id, playback_name, playback_extension.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.

39. Get Queue - POST Method

HoduPBX will receive API call to get Queue details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the Queue details required. Allowed Type is: 'TENANT'.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getQueue

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :-

```
{
  "status": "SUCCESS",
  "message": "Queue Details."
  "count": "2",
  "data": [
    {
      "queue_id": "1",
      "queue_name": "Queue_1",
      "queue_extension": "2000"
    },
    {
      "queue_id": "2",
      "queue_name": "Queue_2",
      "queue_extension": "2001"
    }
  ]
}
```

Usage :- Once the authentication is completed system will get Queue Details.

Status Code	Status Message	Reason
200	Ok	When Queue Details successfully fetched. In JSON response the data which user will get are:- queue_id, queue_name, queue_extension.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.

40. Get Conference - POST Method

HoduPBX will receive API call to get Conference details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the Conference details required. Allowed Type is: 'TENANT'.

POST Request URL :

ps://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getConference

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :-

```
{
  "status": "SUCCESS",
  "message": "Conference Details."
  "count": "2",
```



```

"data": [
  {
    "conf_id": "1",
    "conf_name": "Conf_1",
    "conf_extension": "4000"
  },
  {
    "conf_id": "2",
    "conf_name": "Conf_2",
    "conf_extension": "4001"
  }
]
}

```

Usage :- Once the authentication is completed system will get Conference Details.

Status Code	Status Message	Reason
200	Ok	When Conference Details successfully fetched. In JSON response the data which user will get are:- conf_id, conf_name, conf_extension.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.

41. Get Ring Group - POST Method

HoduPBX will receive API call to get the ring group details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the Ring Group details required. Allowed Type is: 'TENANT'.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getRingGroup

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :- {
 "status": "SUCCESS",
 "message": "Ring Group Details."
 "count": "2",
 "data": [
 {
 "ring_group_id": "1",
 "ring_group_name": "RG_1",
 "ring_group_extension": "5000"
 },
 {
 "ring_group_id": "2",
 "ring_group_name": "RG_2",
 "ring_group_extension": "5001"
 }
]
}

Usage :- Once the authentication is completed system will get Ring Group Details.

Status Code	Status Message	Reason
200	Ok	When Ring Group Details successfully fetched. In JSON response the data which user will get are:- ring_group_id, ring_group_name, ring_group_extension.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.

42. Get Voicemail Extension - POST Method

HoduPBX will receive API call to get the Voicemail Extension details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the Voicemail Extension required. Allowed Type is: 'TENANT'.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getVoicemailExt

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :- {

```

"status": "SUCCESS",
"message": "Voicemail Extension Details."
"count": "2",
"data": [
{
  "ext_id": "2",
  "ext_name": "sampleExtension",
  "ext_number": "101"
},
{
  "ext_id": "4",
  "ext_name": "samp_ext",
  "ext_number": "105"
}
]
}

```

Usage :- Once the authentication is completed system will get Voicemail Extension Details.

Status Code	Status Message	Reason
200	Ok	When Voicemail Extension successfully fetched. In JSON response the data which user will get are:- ext_id, ext_name, ext_number.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.

43. Get Fax Extension - POST Method

HoduPBX will receive API call to get the Fax Extension details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the Fax details required. Allowed Type is: 'TENANT'.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getVoicemailExt

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :-

```
{
  "status": "SUCCESS",
  "message": "Fax Details.",
  "count": "2",
  "data": [
    {
      "fax_id": "1",
      "fax_name": "Fax",
      "fax_destination": "abc.xyz@gmail.com"
    },
    {
      "fax_id": "5",
      "fax_name": "fax_hed",
      "fax_destination": "test@gmail.com"
    }
  ]
}
```

}

Usage :- Once the authentication is completed system will get Fax Extension Details.

Status Code	Status Message	Reason
200	Ok	When Fax Destination successfully fetched. In JSON response the data which user will get are:- fax_id, fax_name, fax_destination.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.

44. Get Paging - POST Method

HoduPBX will receive API call to get the Paging details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the Paging details required. Allowed Type is: 'TENANT'.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getPagingList

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :-

```
{
  "status": "SUCCESS",
  "message": "Paging Extension Details."
  "count": "2",
  "data": [
    {
      "page_id": "1",
      "page_name": "Page_1",
      "page_extension": "6000"
    },
    {
      "page_id": "2",
      "page_name": "Page_2",
      "page_extension": "6001"
    }
  ]
}
```

Usage :- Once the authentication is completed system will get Paging.

Status Code	Status Message	Reason
200	Ok	When Paging successfully fetched. In JSON response the data which user will get are:- page_id, page_name, page_extension.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.

45. Get Disa - POST Method

HoduPBX will receive API call to get the Disa details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the DISA details required. Allowed Type is: 'TENANT'.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getDISAList

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :-

```
{
  "status": "SUCCESS",
  "message": "DISA Extension Details.",
  "count": "2",
  "data": [
    {
      "disa_id": "1",
      "disa_name": "DISA-1",
      "disa_extension": "7000"
    },
    {
      "disa_id": "2",
      "disa_name": "DISA-2",
      "disa_extension": "7001"
    }
  ]
}
```



```
]
}
```

Usage :- Once the authentication is completed system will get Disa Details.

Status Code	Status Message	Reason
200	Ok	When DISA successfully fetched. In JSON response the data which user will get are:- disa_id, disa_name, disa_extension.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.

46. Get Phone Group - POST Method

HoduPBX will receive API call to get the Phone Group details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the phone group details required.i.e. If userType='TENANT', then it will give particular tenant's phone group details.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getPhoneGroup

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :-

```
{
  "status": "SUCCESS",
  "message": "Phone Group Details.",
  "data": [
    {
      "pg_id": "1",
      "pg_name": "demoplan"
    }
  ]
}
```

Usage :- Once the authentication is completed system will get Phone Group Details.

Status Code	Status Message	Reason
200	OK	When Phone Group Details successfully fetched. In JSON response the data which user will get are:- pg_id, pg_name
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When requested data not found.
602	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
603	No Token	When Token ID parameter is missing.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'
605	No Tenant Found	When Tenant Data Not Found.
606	Tenant is Inactive OR deleted	model.apiGuideTenant.getPhoneGroup.606.reason

47. Get Phonebook Custom fields - POST Method

HoduPBX will receive API call to get the Get Phonebook Custom fields details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/getPhonebookCustomfield

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :-

{

```
"status": "SUCCESS",
"message": "Phonebook Custom Field Details:",
"Count": 2,
"data": [
  {
    "Order": "1",
    "Field Name": "Company",
    "Field Type": "DropDownList",
    "Display In Profile": "YES",
    "Field Required": "NO",
    "Field Length": "0",
    "List of Items": "Hodusoft,Ecosmob"
  },
  {
    "Order": "2",
    "Field Name": "City",
    "Field Type": "Text",
    "Display In Profile": "YES",
    "Field Required": "YES",
    "Field Length": "10",
  }
]
```

Usage :- Once the authentication is completed system will get Phonebook Custom Field Details.

Status Code	Status Message	Reason
200	Ok	When Phonebook Custom fields Details successfully fetched. In JSON response the data which user will get are:- Order,Field Name,Field Type,Display In Profile,Field Required,Field Length.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match or user does not have API access.

48. Get Phone Number - POST Method

HoduPBX will receive API call to get the Phone Number details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getPhoneNumber

Data :- {"token_id":"ukenCWPLNplqxmZi"}

Response :- {
 "status": "SUCCESS",
 "message": "Phonebook Details:",
 "Count": 2,
 "data": [
 {

```
"Phonebook ID": "41",
"First Name": "Nisha",
"Last Name": "Patel",
"Display Name": "Nisha Patel",
"Extension": "101",
"Phone Number": "98988778",
"Cell Number": "78768876",
"Email ID": "nisha.patel@hodusoft.com",
"Phone Group": "3",
"Custom Details": {
  "Company": "Ecosmob",
  "City": "Abd",
  "Office No": "9879973234",
}
},
{
  "Phonebook ID": "42",
  "First Name": "Anjali",
  "Last Name": "Patel",
  "Display Name": "Anjali Patel",
  "Extension": "102",
  "Phone Number": "94557758",
  "Cell Number": "78768876",
  "Email ID": "anjali.patel@hodusoft.com",
  "Phone Group": "4",
  "Custom Details": {
    "Company": "Ecosmob",
    "City": "Abd",
    "Office No": "9879973234",
  }
}
]
```

Usage :- Once the authentication is completed system will get Phone Number Details.

Status Code	Status Message	Reason
200	Ok	When Phonebook Custom fields Details successfully fetched. In JSON response the data which user will get are:- Phonebook ID,First Name,Last Name,Display Name,Extension,Phone Number,Cell Number,Email ID,Phone Group.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'

49. Get Teleservice- POST Method

HoduPBX will receive API call to get the teleservice details.

Parameter Name	Description
token_id (mandatory)	Token ID for the authentication
userType (mandatory)	userType of the user of which the Tele Service details required. Allowed Type is: 'TENANT'.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/{userType}/getTeleServiceList

Data :- {

```
"token_id":"ukenCWPLNplqxmZi"

}
```

Response :- {

```
"status": "SUCCESS",
"message": "Tele Service Details."
"count": "2",
"data": [
{
"ts_id": "1",
"ts_name": "Tele Service1"
},
{
"ts_id": "2",
"ts_name": "Tele Service2",
}
]
}
```

Usage :- Once the authentication is completed system will get teleservice details.

Possible Responses		
Status Code	Status Message	Reason
200	Ok	When Tele Service successfully fetched. In JSON response the data which user will get are:- ts_id, ts_name.
424	Method Failed	When Invalid URL/Method is called
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.
604	Invalid User Type	When User Type is invalid. Allowed Type is: 'TENANT'.

50. Get Date format details - POST Method

HoduPBX will receive API call to get the date format details.

Parameter Name	Description	Data
token_id (mandatory)	Token ID for the authentication	Here, valid Token ID will be passed as data.

POST Request URL :

https://pbx.hodusoft.com/hodupbx_api/v1.4/api/info/getDateFormat

Data :- {
"token_id": "ukenCWPLNplqxmZi"
}

Response :- {
"status": "SUCCESS",
"message": "Date Format List:",
"count": 2,
"data": [
"YYYY-MM-DD HH:MM:SS"
"D-M-YYYY HH:MM:SS",
"DD-MM-YYYY HH:MM:SS"
]
}

Usage :- Once the authentication is completed system will get date format details.

Possible Responses

Status Code	Status Message	Reason
200	Ok	When Date Format Details successfully fetched.
424	Method Failed	When Invalid URL/Method is called.
601	Data Not Found	When Requested Data Not Found.
602	No Token	When Token ID parameter is missing.
603	Authentication Failed	When passed Token is not match with valid user type or user does not have API access.