**API INVENTORY / PORT-NET**

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# API INVENTORY

**Prerequisites**:

+ Bypass proxy: portapi.fpt.vn

+ Add to file hosts: 172.20.17.10 portapi.fpt.vn

172.20.17.32 portapi.fpt.vn

## a/ **Get token**

|  |  |
| --- | --- |
| **Title** | **Get\_token**  *[]* |
| **URL** | [***http://portapi.fpt.vn/token***](http://portapi.fpt.vn/token) |
| **Method** | **GET** |
| **Input** | **Headers:**  Accept: application/json  Content-Type: application/x-www-form-urlencoded  **Body**:  grant\_type: password  username: username  password: password |
| **Output** | {  "access\_token": "qnlAe6ZKwbyWLUYCmQCgn0naXocAGXgWARbfo06E9m64yyW4CmaVzmu-HF8OkBu8i8E7S5DZDKiyMZFDiRNYSZcFvSdJBugVsQA9OsuUJqFKICrQ\_5IxtBrxKcb-do-not-try-to-use-this-token ",  "token\_type": "bearer",  "expires\_in": 1209599,  "as:client\_id": "",  "userName": "myname",  ".issued": "Fri, 03 May 2019 09:24:02 GMT",  ".expires": "Fri, 17 May 2019 09:24:02 GMT"  } |

## b/ **Get data**

|  |  |
| --- | --- |
| **Title** | **Get\_data**  *[]* |
| **URL** | ***http://portapi.fpt.vn/api/GET/Devices*** |
| **Method** | **GET** |
| **Input** | **Headers**:  Accept: application/json  Content-type: application/x-www-form-urlencoded  Authorization: “Bearer “ + access\_token |
| **Output** | [  {  "Location": "Ho Chi Minh",  "ID": 0,  "Name": "Tuanna47PC",  "Alias": "",  "HostDevice": "",  "SystemName": "",  "DeviceType": "DELL-PC-S370",  "SystemDescription": "",  "Asset": "",  "CustomSN": "",  "Inventory": "",  "OS": "",  "Status": "",  "Extension": "",  "Department": "SCC",  "Version": "1.1",  "CreateDate": "2016-08-01T18:52:34",  "CreateBy": "natuan",  "UpdateDate": "2016-08-01T18:52:34",  "UpdateBy": "anhnt106",  "FirstDiscovered": "2016-09-28T17:48:12",  "LastUpdate": "2016-10-13T14:03:31",  "OOB\_HostName1": "",  "OOB\_HostName2": "",  "OOB\_Tel1": "",  "OOB\_Tel2": "",  "Power1": "",  "Power2": "",  "Monitored": false,  "MonitoringTemplate": "",  "PathCost": 0,  "ManagedByCustomer": false,  "MonitorConfig": false,  "ConfigGroup": "",  "FunctionCode": "Core Aggregate Switch",  "DownFrom": "2016-10-13T14:03:31",  "DownUntil": "2016-10-13T14:03:31",  "SNMP\_Managed": false,  "AutoDNS": false,  "Layers": "",  "IPForward": "no",  "SNMP\_Version": 2,  "SNMP\_Bulk": false,  "AutoUpdate": false,  "AutoUpdateTime": 5,  "SNMP\_Polling": false,  "Collect\_ARP": false,  "Collect\_FWT": false,  "Collect\_STPInfo": false,  "Collect\_BGPInfo": false,  "Collect\_OSPFInfo": false,  "Collect\_ISISInfo": false,  "Collect\_LLDPInfo": false,  "Collect\_CDPInfo": false,  "Collect\_HardWareInfo": false,  "Collect\_VLANInfo": false,  "Collect\_IPInfo": false,  "SNMPFailedAttempts": 0,  "SNMP\_Down": 1,  "Last\_ARP": "2016-10-13T14:03:31",  "Last\_FWT": "2016-10-13T14:03:31",  "SNMP\_Community": "public",  "IPV4\_Only": false,  "SNMP\_Target\_Address": "172.30.0.70",  "SNMP\_Target\_V6Address": "",  "Owner": "NOC-MON",  "UserBy": "NOC-MON",  "LastUpdateBy": "anhnt106@NOC-MON",  "Contacts": "NOC-MON",  "Site": "HCMEPZ",  "Room": "Segment7",  "Rack": "D1",  "SystemLocation": "HCMDC01-Segment7-D1-Tuanna47PC"  },  …  ] |

# API PORT-NET

**Prerequisites**:

+ Bypass proxy: listindexreasonsf.fpt.net

+ Add to file hosts: 172.20.17.32 listindexreasonsf.fpt.net

## a/ **Get data**

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| **Title** | **Get\_data**  *[]* |
| **URL** | ***http://listindexreasonsf.fpt.net/listIndex.svc/getListDeviceAccess?token=fpt-telecom*** |
| **Method** | **GET** |
| **Input** | **Headers**:  Content-type: application/json |
| **Output** | {  "getListDeviceAccessResult": [  {  "Branch": "Chi nhánh An Giang(AGG)",  "ChungLoai": "OLT",  "DeviceType": "EL5600-08P",  "IP": "11.67.131.11",  "KhuVuc": "An Giang",  "MainDepart": "INF-AGG",  "RingName": "AGG-R22-OLT",  "SlotInfo": [  {  "CardName": " EL5600-08P",  "PortMax": "8",  "SlotName": "AGGP00101GC56.00",  "SlotNo": "0"  }  ],  "SlotMax": "1",  "Status": "Bình thường",  "TenThietBi": "AGGP00101GC56"  },  {  "Branch": "Chi nhánh An Giang(AGG)",  "ChungLoai": "FTTH Switch",  "DeviceType": "Zyxel 3124F",  "IP": "11.67.101.78",  "KhuVuc": "An Giang",  "MainDepart": "INF-AGG",  "RingName": "AGG-RingADSL-AGG-Full",  "SlotInfo": [  {  "CardName": "GS31",  "PortMax": "28",  "SlotName": "AGGP00101GS31",  "SlotNo": "1"  }  ],  "SlotMax": "1",  "Status": "Bình thường",  "TenThietBi": "AGGP00101GS31"  },  {  "Branch": "Chi nhánh An Giang(AGG)",  "ChungLoai": "FTTH Switch",  "DeviceType": "DASAN V2224G-OP",  "IP": "10.142.0.1",  "KhuVuc": "An Giang",  "MainDepart": "INF-AGG",  "RingName": "AGG-FTTH-R001",  "SlotInfo": [  {  "CardName": "DF24",  "PortMax": "28",  "SlotName": "AGGP00102DF24",  "SlotNo": "1"  }  ],… |