

**API Reference**

# XDM API

**API Version: v3**

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# API

## 1. ADMINTEMPLATESGATEWAYEXTERNAL

### 1.1 POST /api/external/v1/AdminTemplates/filter

#### Filter

#### REQUEST

REQUEST BODY - application/json

```
{  
    paginator  
        ONE OF  
        OPTION 1{  
            firstRecord  integer  
            itemsPerPage  integer  
        }  
    filter  
        ONE OF  
        OPTION 1{  
            name      string  Filter where Name contains any specified value  
            hardwareId  integer  Filter where HardwareVersionId contains any specified value  
            dealerId   integer  Filter where DealerId contains specified value  
            settingsType  integer  Filter where SettingsType contains specified value  
                0 used for device settings  
                1 used for script settings  
            modifiedOn  
                ONE OF  
                OPTION 1{  
                    from  string  Filter where From contains specified value  
                    to    string  Filter where To contains specified value  
                }  
            createdOn  
                ONE OF  
                OPTION 1{  
                    from  string  Filter where From contains specified value  
                    to    string  Filter where To contains specified value  
                }  
        }  
}
```

#### RESPONSE

STATUS CODE - 200: Returns paged admin setting templates

#### RESPONSE MODEL - application/json

```
{  
    results  [{  
        Array of object:  
            id      integer  
            name    string  
            hardwareVersions  [{  
                Array of object:  
                    id      integer
```

```
    hardwareId integer
  }]
  modifiedOn   string
  createdOn   string
}
}

paginator
ONE OF
OPTION 1{
  firstRecord  integer
  itemsPerPage integer
  recordCount  integer
}
}
```

---

## 2. CANFILESEXTERNAL

### 2.1 GET /api/external/v1/canfiles/filter

#### REQUEST

##### QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
Model	string	
Notes	string	
FirstRecord	int32	
ItemsPerPage	int32	
SortField	string	
SortOrderAsc	int32	

#### RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/json

```
{  
    results [ {  
        id      integer  
        model   string  
        notes   string  
    } ]  
    paginator  
    ONE OF  
    OPTION 1 {  
        firstRecord  integer  
        recordCount integer  
        itemsPerPage integer  
        sortField    string  
        sortOrderAsc integer  
    }  
}
```

### 2.2 GET /api/external/v3/canfiles/filter

#### REQUEST

##### QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
Model	string	
Notes	string	
Version	int32	
FirstRecord	int32	

NAME	TYPE	DESCRIPTION
ItemsPerPage	int32	
SortField	string	
SortOrderAsc	int32	

## RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/json

```
{  
    results [{  
        id      integer  
        model   string  
        notes   string  
        version integer  
    }]  
    paginator  
    ONE OF  
    OPTION 1 {  
        firstRecord  integer  
        recordCount integer  
        itemsPerPage integer  
        sortField    string  
        sortOrderAsc integer  
    }  
}
```

### 3. CONFIGSGATEWAYEXTERNAL

#### 3.1 POST /api/external/v1/configs/forDevices

Available configs for devices

##### REQUEST

REQUEST BODY - application/json

```
{  
    imeis [string]  
}
```

##### RESPONSE

STATUS CODE - 200: List of configs that can be applied to all requested imeis

RESPONSE MODEL - application/json

```
[ {  
    id   integer  
    name string  
}]
```

#### 3.2 POST /api/external/v3/configs/forDevices

Available configs for devices

##### REQUEST

REQUEST BODY - application/json

```
{  
    uids [string]  
}
```

##### RESPONSE

STATUS CODE - 200: List of configs that can be applied to all requested uids

RESPONSE MODEL - application/json

```
[ {  
    id   integer  
    name string  
}]
```

## 4. CUSTOMCOMMANDSGATEWAYEXTERNAL

### 4.1 GET /api/external/v1/customCommands/{imei}/responses

Gets a list of device's custom commands' responses

#### REQUEST

##### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*imei	string	Device imei

##### REQUEST BODY - application/json

```
{  
  paginator* {  
    firstRecord  integer  
    itemsPerPage integer  
  }  
}
```

#### RESPONSE

STATUS CODE - 200: A list of custom command responses

##### RESPONSE MODEL - application/json

```
{  
  results [ {  
    Array of object:  
      response  string  
      timestamp string  
  }]  
  paginator  
  ONE OF  
  OPTION 1 {  
    firstRecord  integer  
    itemsPerPage integer  
    recordCount  integer  
  }  
}
```

### 4.2 GET /api/external/v1/customCommands/{imei}/history

Gets a list of sent device's custom command

#### REQUEST

##### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*imei	string	Device imei

#### REQUEST BODY - application/json

```
{  
  paginator* {  
    firstRecord  integer  
    itemsPerPage integer  
  }  
}
```

### RESPONSE

STATUS CODE - 200: A list of sent custom commands

#### RESPONSE MODEL - application/json

```
{  
  results [ {  
    Array of object:  
      response  string  
      timestamp string  
  }]  
  paginator  
  ONE OF  
  OPTION 1 {  
    firstRecord  integer  
    itemsPerPage integer  
    recordCount  integer  
  }  
}
```

## 4.3 POST /api/external/v1/customCommands/{imei}

Sends custom commands to a device

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*imei	string	Device imei

#### REQUEST BODY - application/json

```
{  
  customCommands* [ string ]  
}
```

### RESPONSE

STATUS CODE - 200:

## 4.4 POST /api/external/v1/customCommands/{imei}/abort

Aborts all pending custom commands

### REQUEST

## PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*imei	string	Device imei

## RESPONSE

STATUS CODE - 200: TODO

### 4.5 GET /api/external/v3/customCommands/{uid}/responses

Gets a list of device's custom commands' responses

## REQUEST

### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*uid	string	Device unique identifier

### REQUEST BODY - application/json

```
{  
  paginator* {  
    firstRecord  integer  
    itemsPerPage integer  
  }  
}
```

## RESPONSE

STATUS CODE - 200: A list of custom command responses

### RESPONSE MODEL - application/json

```
{  
  results [ {  
    Array of object:  
      response  string  
      timestamp string  
  }]  
  paginator  
    ONE OF  
    OPTION 1 {  
      firstRecord  integer  
      itemsPerPage integer  
      recordCount  integer  
    }  
}
```

### 4.6 GET /api/external/v3/customCommands/{uid}/history

Gets a list of sent device's custom command

## REQUEST

## PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*uid	string	Device unique identifier

## REQUEST BODY - application/json

```
{  
  paginator* {  
    firstRecord  integer  
    itemsPerPage integer  
  }  
}
```

## RESPONSE

STATUS CODE - 200: A list of sent custom commands

### RESPONSE MODEL - application/json

```
{  
  results [ {  
    Array of object:  
      response  string  
      timestamp string  
  }]  
  paginator  
  ONE OF  
  OPTION 1 {  
    firstRecord  integer  
    itemsPerPage integer  
    recordCount  integer  
  }  
}
```

## 4.7 POST /api/external/v3/customCommands/{uid}

Sends custom commands to a device

## REQUEST

### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*uid	string	Device unique identifier

## REQUEST BODY - application/json

```
{  
  customCommands* [string]  
}
```

## RESPONSE

STATUS CODE - 200:

## 4.8 POST /api/external/v3/customCommands/{uid}/abort

## Aborts all pending custom commands

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*uid	string	Device unique identifier

### RESPONSE

STATUS CODE - 200: TODO

---

## 5. DEALERSGATEWAYEXTERNAL

### 5.1 GET /api/external/v1/dealers

#### Dealer list

#### REQUEST

No request parameters

#### RESPONSE

STATUS CODE - 200: Flat list of all dealers and subdealers, including current dealer.

#### RESPONSE MODEL - application/json

```
[ {  
    id      integer  
    name   string  
}]
```

---

# 6. DEVICESSDKGATEWAYEXTERNAL

## 6.1 GET /api/external/v1/devicesSdk/{imei}/details

### Device information

#### REQUEST

##### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*imei	string	device imei

#### RESPONSE

STATUS CODE - 200: Get device setting and status information for single device.

##### RESPONSE MODEL - application/json

```
{  
    settings  
        ONE OF  
        OPTION 1{  
            imei          string      Device unique identification or serial number  
            notes         string      A short piece of additional information  
            phoneNumber   string      Number with which device will accept SMS commands  
            firmware  
                ONE OF  
                OPTION 1{  
                    newFirmwareName   string      Name of firmware which is newly selected to deploy  
                    currentFirmwareName string      Name of already deployed firmware  
                }  
            configuration  
                ONE OF  
                OPTION 1{  
                    newConfigName     string      Name of configuration which is newly selected to deploy  
                    currentConfigName string      Name of already deployed configuration  
                }  
            dealer  
                ONE OF  
                OPTION 1{  
                    id    integer  
                    name  string  
                }  
            hardware  
                ONE OF  
                OPTION 1{  
                    id    integer  Hardware version identifier  
                    name  string   Name of hardware version  
                }  
        }  
    information  
        ONE OF  
        OPTION 1{
```

```

gpsFirmwareName      string      Name of already deployed GPS firmware
modemFirmwareName    string      Name of already deployed modem firmware
firmwareUpdate
  ONE OF
  OPTION 1{
    firmwareUpdateProgress  number   Progress of firmware update as a percentage from 0 to 1
    firmwareUpdateState     string   State of firmware update:
                                         "NoData" - device sent no update;
                                         "Pending" - data changes were made, waiting for device response;
                                         "SendingParts" - sending update parts;
                                         "Installing" - installing;
                                         "Finished" - update completed;
                                         "Canceled" - update was canceled;
  }
  lastFirmwareUpdateTime integer  Last firmware update time in system (unix seconds)
}
configurationUpdate
  ONE OF
  OPTION 1{
    configUpdateProgress  number   Progress of configuration update as a percentage from 0 to 1
    configUpdateState     string   State of configuration update:
                                         "NoData" - device sent no update;
                                         "Pending" - data changes were made, waiting for device response;
                                         "SendingParts" - sending update parts;
                                         "Installing" - installing;
                                         "Finished" - update completed;
                                         "Canceled" - update was canceled;
  }
  lastConfigUpdateTime  integer  Last configuration update time in system (unix seconds)
}
activityUpdate
  ONE OF
  OPTION 1{
    firstActivity   integer  First activity time in system (unix seconds)
    lastActivity    integer  Last activity in system (unix seconds)
  }
  createdInSystem integer  Device created in system (unix seconds)
  imsi            string   Unique identifier that defines a subscriber in the wireless world
  iccid           string   Identifier of the actual SIM card itself
}
}

```

## 6.2 POST /api/external/v1/devicesSdk/filter

### Device information list

#### REQUEST

REQUEST BODY - application/json

```
{
  paginator
    ONE OF
    OPTION 1{
      firstRecord  integer
      itemsPerPage integer
    }
  filter
    ONE OF
    OPTION 1{
      hardwareId    integer
      imeis         [string]
    }
}
```

<code>currentFirmwareName</code>	<code>string</code>	Filter where CurrentFirmwareName contains specified value
<code>newFirmwareName</code>	<code>string</code>	Filter where NewFirmwareName contains specified value
<code>gpsFirmwareName</code>	<code>string</code>	Filter where GpsFirmwareName contains specified value
<code>modemFirmwareName</code>	<code>string</code>	Filter where ModemFirmwareName contains specified value
<code>currentConfigName</code>	<code>string</code>	Filter where CurrentConfigName contains specified value
<code>newConfigName</code>	<code>string</code>	Filter where NewConfigName contains specified value
<code>notes</code>	<code>string</code>	Filter where Notes contains specified value
<code>dealerName</code>	<code>string</code>	Filter where DealerName contains specified value
<code>phoneNumber</code>	<code>string</code>	Filter where PhoneNumber contains specified value
<code>imsi</code>	<code>string</code>	Filter where Imsi contains specified value
<code>iccid</code>	<code>string</code>	Filter where Iccid contains specified value
<code>firstActivityFrom</code>	<code>integer</code>	First activity from date (unix seconds)
<code>firstActivityTo</code>	<code>integer</code>	First activity to date (unix seconds)
<code>lastActivityFrom</code>	<code>integer</code>	Last activity from date (unix seconds)
<code>lastActivityTo</code>	<code>integer</code>	Last activity to date (unix seconds)
<code>createdInSystemFrom</code>	<code>integer</code>	Created in system from date (unix seconds)
<code>createdInSystemTo</code>	<code>integer</code>	Created in system to date (unix seconds)

}

}

## RESPONSE

STATUS CODE - 200: Device sdk setting and status information for filtered devices.

RESPONSE MODEL - application/json

{		
<code>results</code> [ {		
Array of object:		
<code>settings</code>		
<code>ONE OF</code>		
<code>OPTION 1{</code>		
<code>imei</code>	<code>string</code>	Device unique identification or serial number
<code>notes</code>	<code>string</code>	A short piece of additional information
<code>phoneNumber</code>	<code>string</code>	Number with which device will accept SMS commands
<code>firmware</code>		
<code>ONE OF</code>		
<code>OPTION 1{</code>		
<code>newFirmwareName</code>	<code>string</code>	Name of firmware which is newly selected to deploy
<code>currentFirmwareName</code>	<code>string</code>	Name of already deployed firmware
}		
<code>configuration</code>		
<code>ONE OF</code>		
<code>OPTION 1{</code>		
<code>newConfigName</code>	<code>string</code>	Name of configuration which is newly selected to deploy
<code>currentConfigName</code>	<code>string</code>	Name of already deployed configuration
}		
<code>dealer</code>		
<code>ONE OF</code>		
<code>OPTION 1{</code>		
<code>id</code>	<code>integer</code>	
<code>name</code>	<code>string</code>	
}		
<code>hardware</code>		
<code>ONE OF</code>		
<code>OPTION 1{</code>		
<code>id</code>	<code>integer</code>	Hardware version identifier
<code>name</code>	<code>string</code>	Name of hardware version

```

    }
}

information
  ONE OF
    OPTION 1{
      gpsFirmwareName      string      Name of already deployed GPS firmware
      modemFirmwareName    string      Name of already deployed modem firmware
      firmwareUpdate
        ONE OF
          OPTION 1{
            firmwareUpdateProgress number   Progress of firmware update as a percentage from 0 to 1
            firmwareUpdateState     string   State of firmware update:
                                              "NoData" - device sent no update;
                                              "Pending" - data changes were made, waiting for device response;
                                              "SendingParts" - sending update parts;
                                              "Installing" - installing;
                                              "Finished" - update completed;
                                              "Canceled" - update was canceled;
            lastFirmwareUpdateTime integer  Last firmware update time in system (unix seconds)
          }
    configurationUpdate
      ONE OF
        OPTION 1{
          configUpdateProgress  number   Progress of configuration update as a percentage from 0 to 1
          configUpdateState     string   State of configuration update:
                                              "NoData" - device sent no update;
                                              "Pending" - data changes were made, waiting for device response;
                                              "SendingParts" - sending update parts;
                                              "Installing" - installing;
                                              "Finished" - update completed;
                                              "Canceled" - update was canceled;
          lastConfigUpdateTime integer  Last configuration update time in system (unix seconds)
        }
    activityUpdate
      ONE OF
        OPTION 1{
          firstActivity       integer  First activity time in system (unix seconds)
          lastActivity        integer  Last activity in system (unix seconds)
        }
      createdInSystem      integer  Device created in system (unix seconds)
      imsi                 string   Unique identifier that defines a subscriber in the wireless world
      iccid                string   Identifier of the actual SIM card itself
    }
  }
}

paginator
  ONE OF
    OPTION 1{
      firstRecord      integer
      itemsPerPage    integer
      recordCount     integer
    }
}

```

## 6.3 PUT /api/external/v1/devicesSdk/multiple

### Update mass devices sdk

#### REQUEST

#### REQUEST BODY - application/json

```
{  
    imeis      [string]  
    newConfigId integer When null - current devices configs won't be updated  
    newFirmwareId integer When null - current devices firmware won't be updated  
    notes       string  When null - current devices notes won't be updated  
    newDealerId integer When null - current devices dealers won't be updated  
}
```

#### RESPONSE

STATUS CODE - 200:

### 6.4 POST /api/external/v1/devicesSdk/cancelUpdate

#### Cancel config or/and firmware update

#### REQUEST

#### REQUEST BODY - application/json

```
{  
    imeis  [string]  
    target [enum] ALLOWED:0, 1  
}
```

#### RESPONSE

STATUS CODE - 200:

### 6.5 PUT /api/external/v2/devicesSdk/multiple

#### Update mass devices sdk

#### REQUEST

#### REQUEST BODY - application/json

```
{  
    imeis          [string]  
    config  
    ONE OF  
    OPTION 1 {  
        id            integer  
        migrateOverrides boolean When you select this option, the system will compare the current device settings with the new configuration template to ensure compatibility.  
                                It checks if the structure, categories, and element types match between the current and new settings templates.  
                                The comparison is done by traversing the configuration tree,  
                                ensuring that each category and subcategory matches at every level (depth) of the tree.  
                                For migration to succeed, the following parameters must match:  
                                1.Category Name and Order: Categories and their order in the hierarchy must be identical.  
                                2.Element Group Properties: The name, local setting ID, encryption status, requirement flag,  
                                and the maximum number of replicas of element groups must match.  
                                3.Element Properties: The name, type, JSON template, local group ID, and order index of  
                                elements must be the same.  
  
                                If these parameters do not match at any level, the migration will fail, and an error will indicate  
                                the mismatch,  
                                ensuring only compatible settings are applied to the devices.  
    }  
}
```

<code>newFirmwareId</code>	<code>integer</code>	When null - current devices firmware won't be updated
<code>notes</code>	<code>string</code>	When null - current devices notes won't be updated
<code>newDealerId</code>	<code>integer</code>	When null - current devices dealers won't be updated
}		

## RESPONSE

STATUS CODE - 200:

### 6.6 POST /api/external/v3/devicesSdk/cancelUpdate

#### Cancel config or/and firmware update

## REQUEST

REQUEST BODY - application/json

{		
uids	[string]	
target	[enum] ALLOWED:0, 1	
}		

## RESPONSE

STATUS CODE - 200:

### 6.7 PUT /api/external/v3/devicesSdk/multiple

#### Update mass devices sdk

## REQUEST

REQUEST BODY - application/json

{		
uids	[string]	
config		
ONE OF		
OPTION 1 {		
id	integer	
migrateOverrides	boolean	When you select this option, the system will compare the current device settings with the new configuration template to ensure compatibility. It checks if the structure, categories, and element types match between the current and new settings templates. The comparison is done by traversing the configuration tree, ensuring that each category and subcategory matches at every level (depth) of the tree. For migration to succeed, the following parameters must match:  1.Category Name and Order: Categories and their order in the hierarchy must be identical. 2.Element Group Properties: The name, local setting ID, encryption status, requirement flag, and the maximum number of replicas of element groups must match. 3.Element Properties: The name, type, JSON template, local group ID, and order index of elements must be the same.  If these parameters do not match at any level, the migration will fail, and an error will indicate the mismatch, ensuring only compatible settings are applied to the devices.
}		
newFirmwareId	integer	When null - current devices firmware won't be updated
notes	string	When null - current devices notes won't be updated
newDealerId	integer	When null - current devices dealers won't be updated
}		

## RESPONSE

STATUS CODE - 200:

### 6.8 POST /api/external/v3/devicesSdk/multiple

Create multiple devices at once

## REQUEST

REQUEST BODY - application/json

```
{  
    uids          [string]  
    configId     integer   For devices with configuration already installed (optional)  
    notes         string    Notes to add for all devices  
    firmwareId   integer   For devices with firmware already installed (optional)  
    dealerId     integer   Dealer for which to create these devices.  
    hardwareVersion integer  Hardware version of devices.  
}
```

## RESPONSE

STATUS CODE - 200: Successfully created devices

RESPONSE MODEL - application/json

[string]

### 6.9 GET /api/external/v3/devicesSdk/{uid}/details

Device information

## REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*uid	string	device unique identifier

## RESPONSE

STATUS CODE - 200: Get device setting and status information for single device.

RESPONSE MODEL - application/json

```
{  
    settings  
    ONE OF  
    OPTION 1 {  
        uid          string   Device unique identification or serial number  
        notes        string   A short piece of additional information  
        phoneNumber string   Number with which device will accept SMS commands  
        firmware  
        ONE OF  
        OPTION 1 {  
            newFirmwareName string  Name of firmware which is newly selected to deploy  
    }  
}
```

```

        currentFirmwareName string Name of already deployed firmware
    }
configuration
    ONE OF
    OPTION 1{
        newConfigName      string  Name of configuration which is newly selected to deploy
        currentConfigName string  Name of already deployed configuration
        currentConfigId   integer Id of already deployed configuration
        newConfigId       integer Id of configuration which is newly selected to deploy
    }
dealer
    ONE OF
    OPTION 1{
        id    integer
        name  string
    }
hardware
    ONE OF
    OPTION 1{
        id    integer Hardware version identifier
        name  string  Name of hardware version
    }
}
information
    ONE OF
    OPTION 1{
        gpsFirmwareName    string      Name of already deployed GPS firmware
        modemFirmwareName  string      Name of already deployed modem firmware
        firmwareUpdate
            ONE OF
            OPTION 1{
                firmwareUpdateProgress number    Progress of firmware update as a percentage from 0 to 1
                firmwareUpdateState     string    State of firmware update:  

                                         "NoData" - device sent no update;  

                                         "Pending" - data changes were made, waiting for device response;  

                                         "SendingParts" - sending update parts;  

                                         "Installing" - installing;  

                                         "Finished" - update completed;  

                                         "Canceled" - update was canceled;
                lastFirmwareUpdateTime integer   Last firmware update time in system (unix seconds)
            }
        configurationUpdate
            ONE OF
            OPTION 1{
                configUpdateProgress  number    Progress of configuration update as a percentage from 0 to 1
                configUpdateState     string    State of configuration update:  

                                         "NoData" - device sent no update;  

                                         "Pending" - data changes were made, waiting for device response;  

                                         "SendingParts" - sending update parts;  

                                         "Installing" - installing;  

                                         "Finished" - update completed;  

                                         "Canceled" - update was canceled;
                lastConfigUpdateTime integer   Last configuration update time in system (unix seconds)
            }
        activityUpdate
            ONE OF
            OPTION 1{
                firstActivity   integer  First activity time in system (unix seconds)
                lastActivity    integer   Last activity in system (unix seconds)
            }

```

```

        createdInSystem      integer    Device created in system (unix seconds)
        imsi                 string     Unique identifier that defines a subscriber in the wireless world
        iccid                string     Identifier of the actual SIM card itself
    }
}

```

## 6.10 POST /api/external/v3/devicesSdk/filter

### Device information list

#### REQUEST

**REQUEST BODY - application/json**

```

{
  paginator
    ONE OF
    OPTION 1{
      firstRecord  integer
      itemsPerPage integer
    }
  filter
    ONE OF
    OPTION 1{
      hardwareId      integer
      uids            [string]
      currentFirmwareName string  Filter where CurrentFirmwareName contains specified value
      newFirmwareName  string  Filter where NewFirmwareName contains specified value
      gpsFirmwareName  string  Filter where GpsFirmwareName contains specified value
      modemFirmwareName string  Filter where ModemFirmwareName contains specified value
      currentConfigName string  Filter where CurrentConfigName contains specified value
      newConfigName    string  Filter where NewConfigName contains specified value
      notes           string  Filter where Notes contains specified value
      dealerName      string  Filter where DealerName contains specified value
      phoneNumber     string  Filter where PhoneNumber contains specified value
      imsi            string  Filter where Imsi contains specified value
      iccid            string  Filter where Iccid contains specified value
      firstActivityFrom integer First activity from date (unix seconds)
      firstActivityTo  integer First activity to date (unix seconds)
      lastActivityFrom integer Last activity from date (unix seconds)
      lastActivityTo   integer Last activity to date (unix seconds)
      createdInSystemFrom integer Created in system from date (unix seconds)
      createdInSystemTo  integer Created in system to date (unix seconds)
    }
}

```

#### RESPONSE

**STATUS CODE - 200:** Device sdk setting and status information for filtered devices.

**RESPONSE MODEL - application/json**

```

{
  results [
    Array of object:
    settings
      ONE OF
      OPTION 1{

```

```

uid          string      Device unique identification or serial number
notes        string      A short piece of additional information
phoneNumber  string      Number with which device will accept SMS commands
firmware

    ONE OF
    OPTION 1{
        newFirmwareName   string  Name of firmware which is newly selected to deploy
        currentFirmwareName string  Name of already deployed firmware
    }
configuration

    ONE OF
    OPTION 1{
        newConfigName     string  Name of configuration which is newly selected to deploy
        currentConfigName string  Name of already deployed configuration
        currentConfigId   integer Id of already deployed configuration
        newConfigId       integer Id of configuration which is newly selected to deploy
    }
dealer

    ONE OF
    OPTION 1{
        id   integer
        name string
    }
hardware

    ONE OF
    OPTION 1{
        id   integer  Hardware version identifier
        name string   Name of hardware version
    }
}

information

    ONE OF
    OPTION 1{
        gpsFirmwareName   string  Name of already deployed GPS firmware
        modemFirmwareName string  Name of already deployed modem firmware
        firmwareUpdate

            ONE OF
            OPTION 1{
                firmwareUpdateProgress number Progress of firmware update as a percentage from 0 to 1
                firmwareUpdateState    string  State of firmware update:
                                            "NoData" - device sent no update;
                                            "Pending" - data changes were made, waiting for device response;
                                            "SendingParts" - sending update parts;
                                            "Installing" - installing;
                                            "Finished" - update completed;
                                            "Canceled" - update was canceled;
            }
            lastFirmwareUpdateTime integer Last firmware update time in system (unix seconds)
        }
configurationUpdate

    ONE OF
    OPTION 1{
        configUpdateProgress number Progress of configuration update as a percentage from 0 to 1
        configUpdateState    string  State of configuration update:
                                            "NoData" - device sent no update;
                                            "Pending" - data changes were made, waiting for device response;
                                            "SendingParts" - sending update parts;
                                            "Installing" - installing;
                                            "Finished" - update completed;
                                            "Canceled" - update was canceled;
    }
    lastConfigUpdateTime integer Last configuration update time in system (unix seconds)

```

```
        }
    activityUpdate
        ONE OF
        OPTION 1{
            firstActivity integer First activity time in system (unix seconds)
            lastActivity integer Last activity in system (unix seconds)
        }
    createdInSystem           integer      Device created in system (unix seconds)
    imsi                      string       Unique identifier that defines a subscriber in the wireless world
    iccid                     string       Identifier of the actual SIM card itself
}
}
]
paginator
ONE OF
OPTION 1{
    firstRecord   integer
    itemsPerPage integer
    recordCount  integer
}
}
```

---

## 7. EXTERNAL

### 7.1 GET /api/external/v1/External/Ping

#### REQUEST

No request parameters

#### RESPONSE

**STATUS CODE - 200:**

**RESPONSE MODEL - application/octet-stream**

string

---

## 8. EXTERNALCOMMON

### 8.1 GET /api/external/v1/ExternalCommon/Ping

#### REQUEST

No request parameters

#### RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/octet-stream

string

---

# 9. FIRMWAREEXTERNALGATEWAY

## 9.1 POST /api/external/v1/firmware/forDevices

Available firmware for devices

### REQUEST

REQUEST BODY - application/json

```
{  
    imeis [string]  
}
```

### RESPONSE

STATUS CODE - 200: Available firmware for provided imeis list

RESPONSE MODEL - application/json

```
[ {  
    id      integer  
    version string  
    notes   string  
}]
```

## 9.2 POST /api/external/v3/firmware/forDevices

Available firmware for devices

### REQUEST

REQUEST BODY - application/json

```
{  
    uids [string]  
}
```

### RESPONSE

STATUS CODE - 200: Available firmware for provided uids list

RESPONSE MODEL - application/json

```
[ {  
    id      integer  
    version string  
    notes   string  
}]
```

# 10. GEOZONEGROUPSEXTERNAL

## 10.1 GET /api/external/v1/geozonegroups/filter

### REQUEST

#### QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
Name	string	
Notes	string	
FirstRecord	int32	
ItemsPerPage	int32	
SortField	string	
SortOrderAsc	int32	

### RESPONSE

STATUS CODE - 200:

#### RESPONSE MODEL - application/json

```
{  
    results [ {  
        Array of object:  
            id      integer  
            name    string  
            notes   string  
    } ]  
    paginator  
        ONE OF  
        OPTION 1 {  
            firstRecord  integer  
            recordCount integer  
            itemsPerPage integer  
            sortField    string  
            sortOrderAsc integer  
        }  
}
```

STATUS CODE - 400:

#### RESPONSE MODEL - application/json

```
{  
    type      string  
    title     string  
    status    integer  
    detail    string  
    instance  string  
    extensions {  
    }  
}
```

STATUS CODE - 403:

**RESPONSE MODEL - application/json**

```
{  
    type      string  
    title     string  
    status    integer  
    detail    string  
    instance  string  
    extensions {  
    }  
}
```

## 10.2 GET /api/external/v1/geozonegroups/{id}

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*id	int32	

### RESPONSE

STATUS CODE - 200:

**RESPONSE MODEL - application/json**

```
{  
    id          integer  
    name        string  
    notes       string  
    dealerId    integer  
    dealerName  string  
    totalCount  integer  
    invalidZones integer  
    validZones  integer  
    size        integer  
    status      integer  
    usedByDevices integer  
    geozoneIds [integer]  
    visibleSubdealersIds [integer]  
}
```

STATUS CODE - 400:

**RESPONSE MODEL - application/json**

```
{  
    type      string  
    title     string  
    status    integer  
    detail    string  
    instance  string  
    extensions {  
    }  
}
```

STATUS CODE - 403:

RESPONSE MODEL - application/json

```
{  
    type      string  
    title     string  
    status    integer  
    detail    string  
    instance  string  
    extensions {  
    }  
}
```

## 10.3 PUT /api/external/v1/geozonegroups/{id}

### REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*id	int32	

REQUEST BODY - application/json

```
{  
    id          integer  
    name        string      5 to 256 chars  
    dealerId*   integer  
    notes       string  
    visibleSubdealersIds [integer]  
}
```

### RESPONSE

STATUS CODE - 200:

STATUS CODE - 400:

RESPONSE MODEL - application/json

```
{  
    type      string  
    title     string  
    status    integer  
    detail    string  
    instance  string  
    extensions {  
    }  
}
```

STATUS CODE - 403:

RESPONSE MODEL - application/json

```
{  
    type      string  
    title     string  
    status    integer  
    detail    string
```

```
instance string
extensions {
}
}
```

## 10.4 DELETE /api/external/v1/geozonegroups/{id}

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*id	int32	

### RESPONSE

STATUS CODE - 200:

STATUS CODE - 400:

#### RESPONSE MODEL - application/json

```
{
  type      string
  title     string
  status    integer
  detail    string
  instance  string
  extensions {
  }
}
```

STATUS CODE - 403:

#### RESPONSE MODEL - application/json

```
{
  type      string
  title     string
  status    integer
  detail    string
  instance  string
  extensions {
  }
}
```

## 10.5 POST /api/external/v1/geozonegroups

### REQUEST

#### REQUEST BODY - application/json

```
{
  id           integer
  name         string  5 to 256 chars
  dealerId*   integer
  notes        string
  visibleSubdealersIds [integer]
```

```
}
```

## RESPONSE

STATUS CODE - 200:

**RESPONSE MODEL - application/json**

```
integer
```

STATUS CODE - 400:

**RESPONSE MODEL - application/json**

```
{
  type      string
  title     string
  status    integer
  detail    string
  instance  string
  extensions {
  }
}
```

STATUS CODE - 403:

**RESPONSE MODEL - application/json**

```
{
  type      string
  title     string
  status    integer
  detail    string
  instance  string
  extensions {
  }
}
```

## 10.6 POST /api/external/v1/geozonegroups/{geozoneGroupId}/geozones

## REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*geozoneGroupId	int32	

REQUEST BODY - application/json

```
{
  geozoneIds* [integer]
}
```

## RESPONSE

STATUS CODE - 200:

**RESPONSE MODEL - application/json**

```
integer
```

STATUS CODE - 400:

#### RESPONSE MODEL - application/json

```
{  
    type      string  
    title     string  
    status    integer  
    detail    string  
    instance  string  
    extensions {  
    }  
}
```

STATUS CODE - 403:

#### RESPONSE MODEL - application/json

```
{  
    type      string  
    title     string  
    status    integer  
    detail    string  
    instance  string  
    extensions {  
    }  
}
```

## 10.7 DELETE /api/external/v1/geozonegroups/{geozoneGroupId}/geozones

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*geozoneGroupId	int32	

#### REQUEST BODY - application/json

```
{  
    geozoneIds* [integer]  
}
```

### RESPONSE

STATUS CODE - 200:

#### RESPONSE MODEL - application/json

integer

STATUS CODE - 400:

#### RESPONSE MODEL - application/json

```
{  
    type      string  
    title     string  
    status    integer  
    detail    string  
    instance  string  
    extensions {  
    }  
}
```

```
}
```

STATUS CODE - 403:

RESPONSE MODEL - application/json

```
{
  type      string
  title     string
  status    integer
  detail    string
  instance  string
  extensions {
  }
}
```

## 10.8 POST /api/external/v1/geozonegroups/{geozoneGroupId}/importGeozones

Allows for the batch import of geozones through KML file uploads. The endpoint parses the uploaded KML files to extract polygon coordinates and other relevant metadata for system integration. After import geozones are assigned to group.

### REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*geozoneGroupId	int32	Int32 geozone group id

FORM DATA PARAMETERS

NAME	TYPE	DESCRIPTION
files	array of undefined	

### RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/json

integer

STATUS CODE - 400:

RESPONSE MODEL - application/json

```
{
  type      string
  title     string
  status    integer
  detail    string
  instance  string
  extensions {
  }
}
```

STATUS CODE - 403:

RESPONSE MODEL - application/json

```
{
  type      string
  title     string
  status    integer
  detail    string
  instance  string
  extensions {
  }
}
```

## 10.9 POST /api/external/v2/geozonegroups

Creates a group of geozones. If the file parameter is provided, the endpoint creates geozones from KML file data and assigns them to the newly created group. If file parameter is omitted, an empty geozone group is created.

### REQUEST

#### FORM DATA PARAMETERS

NAME	TYPE	DESCRIPTION
Id	integer	
Name	string	
DealerId	integer	
Notes	string	
VisibleSubdealersIds	array of integer	
files	array of undefined	

### RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/json

integer

STATUS CODE - 400:

RESPONSE MODEL - application/json

```
{
  type      string
  title     string
  status    integer
  detail    string
  instance  string
  extensions {
  }
}
```

STATUS CODE - 403:

RESPONSE MODEL - application/json

```
{
  type      string
  title     string
```

```

status    integer
detail    string
instance  string
extensions {
}
}

```

## 10.10 PUT /api/external/v2/geozonegroups/{id}

Updates an existing geozone group. If the file parameter is provided, the endpoint creates geozones from KML file data and adds them to the selected geozone group. If file parameter is omitted, just geozone group info is updated.

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*id	int32	

#### FORM DATA PARAMETERS

NAME	TYPE	DESCRIPTION
Id	integer	
Name	string	
DealerId	integer	
Notes	string	
Geozones	array of object	
VisibleSubdealers	array of object	

### RESPONSE

STATUS CODE - 200:

STATUS CODE - 400:

#### RESPONSE MODEL - application/json

```
{
  type    string
  title   string
  status  integer
  detail  string
  instance string
  extensions {
  }
}
```

STATUS CODE - 403:

#### RESPONSE MODEL - application/json

```
{
  type    string
  title   string
```

```
status    integer
detail    string
instance  string
extensions {
}
}
```

---

# 11. GEOZONESEXTERNAL

## 11.1 POST /api/external/v1/geozones/filter

### REQUEST

REQUEST BODY - application/json

```
{  
  paginator* {  
    firstRecord  integer  
    recordCount integer  
    itemsPerPage integer  
    sortField    string  
    sortOrderAsc integer  
  }  
  filters* {  
    name          string  
    description   string  
    dealerName    string  
    geozoneGroupId integer  
  }  
}
```

### RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/json

```
{  
  results [ {  
    Array of object:  
    id          integer  
    name        string  
    dealerName  string  
    dealerId    integer  
    description string  
    pointsNumber integer  
    status      integer  
    size        integer  
    groupsCount integer  
  }]  
  paginator  
  ONE OF  
  OPTION 1 {  
    firstRecord  integer  
    recordCount integer  
    itemsPerPage integer  
    sortField    string  
    sortOrderAsc integer  
  }  
}
```

STATUS CODE - 400:

RESPONSE MODEL - application/json

```
{
  type      string
  title     string
  status    integer
  detail    string
  instance  string
  extensions {
  }
}
```

STATUS CODE - 403:

**RESPONSE MODEL - application/json**

```
{
  type      string
  title     string
  status    integer
  detail    string
  instance  string
  extensions {
  }
}
```

## 11.2 GET /api/external/v1/geozones/{geozoneId}

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*geozoneId	int32	

### RESPONSE

STATUS CODE - 200:

**RESPONSE MODEL - application/json**

```
{
  info
    ONE OF
    OPTION 1{
      id          integer
      name        string
      dealerName  string
      dealerId    integer
      description  string
      pointsNumber integer
      status       integer
      size         integer
      groupsCount integer
    }
  points [{
    Array of object:
      latitude   number
      longitude  number
  }]
}
```

```
}
```

STATUS CODE - 403:

RESPONSE MODEL - application/json

```
{
  type      string
  title     string
  status    integer
  detail    string
  instance  string
  extensions {
  }
}
```

STATUS CODE - 404:

RESPONSE MODEL - application/json

```
{
  type      string
  title     string
  status    integer
  detail    string
  instance  string
  extensions {
  }
}
```

## 11.3 DELETE /api/external/v1/geozones/{geozoneId}

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*geozoneId	int32	

### RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/json

```
{
  categories [{
    Array of object:
    {
      id    integer
      name  string
    }
  }
}
```

STATUS CODE - 403:

RESPONSE MODEL - application/json

```
{
  type      string
  title     string
```

```
    status  integer
    detail  string
    instance string
    extensions {
    }
}
```

## 11.4 POST /api/external/v1/geozones/deleteMultiple

Asynchronously deletes multiple geozones based on provided IDs.

### REQUEST

REQUEST BODY - application/json

```
{  
    geozoneIds* [integer]  
}
```

### RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/json

boolean

STATUS CODE - 400:

RESPONSE MODEL - application/json

```
{  
    type      string  
    title     string  
    status    integer  
    detail    string  
    instance  string  
    extensions {  
    }  
}
```

STATUS CODE - 403:

RESPONSE MODEL - application/json

```
{  
    type      string  
    title     string  
    status    integer  
    detail    string  
    instance  string  
    extensions {  
    }  
}
```

## 11.5 POST /api/external/v1/geozones/import

Allows for the batch import of geozones through KML file uploads. The endpoint parses the uploaded KML files to extract polygon coordinates and other relevant metadata for system integration.

## REQUEST

### FORM DATA PARAMETERS

NAME	TYPE	DESCRIPTION
files	array of undefined	

## RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/json

[integer]

STATUS CODE - 400:

RESPONSE MODEL - application/json

```
{  
    type      string  
    title     string  
    status    integer  
    detail    string  
    instance  string  
    extensions {  
    }  
}
```

STATUS CODE - 403:

RESPONSE MODEL - application/json

```
{  
    type      string  
    title     string  
    status    integer  
    detail    string  
    instance  string  
    extensions {  
    }  
}
```

## 12. HARDWARESGATEWAYEXTERNAL

### 12.1 GET /api/external/v1/hardwares/sdkVersions

#### Hardware list

##### REQUEST

No request parameters

##### RESPONSE

**STATUS CODE - 200:** List with all possible sdk hardware versions

**RESPONSE MODEL - application/json**

```
[ {  
    id: integer  
    version: string  
    name: string  
    firmwareCheckRule: string  
}]
```

---

# 13. IDLISTSEXTERNAL

## 13.1 GET /api/external/v1/idlists/filter

### REQUEST

#### QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
Name	string	
Notes	string	
DealerId	int32	
FirstRecord	int32	
ItemsPerPage	int32	
SortField	string	
SortOrderAsc	int32	

### RESPONSE

STATUS CODE - 200:

#### RESPONSE MODEL - application/json

```
{  
    results [{  
        Array of object:  
            id      integer  
            name   string  
            notes  string  
    }]  
    paginator  
    ONE OF  
    OPTION 1{  
        firstRecord  integer  
        recordCount integer  
        itemsPerPage integer  
        sortField    string  
        sortOrderAsc integer  
    }  
}
```

## 13.2 GET /api/external/v1/idlists

### REQUEST

#### QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
id	int32	

## RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/octet-stream

string

## 13.3 PUT /api/external/v1/idlists

### REQUEST

REQUEST BODY - application/json

```
{  
    id          integer  
    name        string      3 to 32 chars  
    notes       string  
    dealerId*   integer  
    visibleSubdealers [{  
        Array of object:  
        name          string  
        emails        string  
        country       string  
        m2mTelemetrySync boolean  
        telemetrySyncDealerId integer  
        netSuiteId    integer  
        id            integer  
        manager       string  
        parentDealerName string  
        subdealersLevel integer  
        parentDealerId integer  
    }]  
    idList*     [string]  
}
```

### RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/octet-stream

string

## 13.4 POST /api/external/v1/idlists

### REQUEST

REQUEST BODY - application/json

```
{  
    id          integer  
    name        string      3 to 32 chars  
    notes       string  
    dealerId*   integer  
    visibleSubdealers [{  
        Array of object:  
        name          string  
        emails        string  
    }]
```

```
        country                  string
        m2mTelemetrySync        boolean
        telemetrySyncDealerId   integer
        netSuiteId               integer
        id                      integer
        manager                 string
        parentDealerName         string
        subdealersLevel          integer
        parentDealerId           integer
    }]
    idList*      [string]
}
```

## RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/octet-stream

string

## 13.5 POST /api/external/v1/idlists/DeleteItem

### REQUEST

REQUEST BODY - application/json

```
{
    ids  [integer]
}
```

## RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/octet-stream

string

# 14. OPERATORGROUPSEXTERNAL

## 14.1 GET /api/external/v1/operatorgroups/filter

### REQUEST

#### QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
Name	string	
Notes	string	
FirstRecord	int32	
ItemsPerPage	int32	
SortField	string	
SortOrderAsc	int32	

### RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/json

```
{  
    results [ {  
        Array of object:  
            id      integer  
            name    string  
            notes   string  
    } ]  
    paginator  
        ONE OF  
        OPTION 1 {  
            firstRecord  integer  
            recordCount integer  
            itemsPerPage integer  
            sortField    string  
            sortOrderAsc integer  
        }  
}
```

# 15. ROLLOUTSEXTERNAL

## 15.1 POST /api/external/v1/rollouts/create

Used to create a rollout

### REQUEST

REQUEST BODY - application/json

```
{  
    type          enum      ALLOWED:0, 1, 2, 3, 4  
    title         string  
    autoRelease   boolean  
    approvals     [string]  
    deviceUids   [string]  
    notes         string  
    commands      [string]  
    serializedConfigId integer  
    firmwareId   integer  
}
```

### RESPONSE

STATUS CODE - 200: Info of created rollout if ok, otherwise status code

RESPONSE MODEL - application/json

```
{  
    rolloutId  string  
    title      string  
    type       string  
}
```

## 15.2 GET /api/external/v1/rollouts/{rolloutId}

Used to get data of specific rollout

### REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*rolloutId	guid	rollout id

### RESPONSE

STATUS CODE - 200: Data of rollout if successful, otherwise status code

RESPONSE MODEL - application/json

```
{  
    id          string  
    title      string  
    type       string
```

```

notes          string
owner          string
metadata       string
status          string
dealerId       integer
completedCommands integer
totalCommands   integer
created         string
started         string
updated         string
}

```

## 15.3 DELETE /api/external/v1/rollouts/{rolloutId}

**Used to delete a specific rollout**

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*rolloutId	guid	rollout id

### RESPONSE

**STATUS CODE - 200:** Http status code

## 15.4 GET /api/external/v1/rollouts/{rolloutId}/approvals

**Used to get approvals and their status of a rollout**

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*rolloutId	guid	rollout id

### RESPONSE

**STATUS CODE - 200:** Data of rollout if successful, otherwise status code

**RESPONSE MODEL - application/json**

[ {

Array of object:

```

userId    string
approved  boolean
}]

```

## 15.5 GET /api/external/v1/rollouts/devices

**Used to get states of device for a specific rollout**

## REQUEST

REQUEST BODY - application/json

```
{  
  paginator  
    ONE OF  
    OPTION 1{  
      firstRecord  integer  
      itemsPerPage  integer  
    }  
  filter  
    ONE OF  
    OPTION 1{  
      id          string  
      uid         string  
      updatedFrom  string  
      updatedTo    string  
      state  
        ONE OF  
        prop0  
        enum  
        ALLOWED:0, 1, 2, 3, 4, 5, 6  
    }  
}
```

## RESPONSE

STATUS CODE - 200: Paged collection states, progresses and last update time

RESPONSE MODEL - application/json

```
{  
  results [ {  
    Array of object:  
      uid          string  
      progress    integer  
      state        string  
      updatedAt   string  
  }]  
  paginator  
    ONE OF  
    OPTION 1{  
      firstRecord  integer  
      itemsPerPage  integer  
      recordCount  integer  
    }  
}
```

## 15.6 GET /api/external/v1/rollouts

Used to get filtered rollouts and their data.

## REQUEST

REQUEST BODY - application/json

```
{  
  paginator
```

```

ONE OF
OPTION 1{
    firstRecord  integer
    itemsPerPage integer
}
filter

ONE OF
OPTION 1{
    title          string
    type           string
    ONE OF
    prop0
    enum
    ALLOWED:0, 1, 2, 3, 4
    notes          string
    owner          string
    dealerId       integer
    status          string
    ONE OF
    prop0
    enum
    ALLOWED:0, 1, 2, 3, 4, 5, 6, 7, 8
    createdFrom    string
    createdTo      string
}
}

```

## RESPONSE

STATUS CODE - 200: Paged collection of rollouts and their data

### RESPONSE MODEL - application/json

```
{
  results [ {
    id          string
    type        string
    title       string
    notes       string
    owner       string
    createdAt   string
    dealerId    integer
    status       string
    progress    integer
    deviceCount integer
    approvedCount integer
    totalApprovals integer
  }]
  paginator
  ONE OF
  OPTION 1{
    firstRecord  integer
    itemsPerPage integer
    recordCount  integer
  }
}
```

## 15.7 GET /api/external/v1/rollouts/device/commands

Used to get commands and their latest status of a specific device of a specific rollout

### REQUEST

REQUEST BODY - application/json

```
{  
  paginator  
  ONE OF  
  OPTION 1{  
    firstRecord  integer  
    itemsPerPage  integer  
  }  
  filter  
  ONE OF  
  OPTION 1{  
    rolloutId  string  
    deviceUid  string  
    command  string  
    createdFrom  string  
    createdTo  string  
  }  
}
```

### RESPONSE

STATUS CODE - 200: Paged collection of commands, their statuses and time of statuses

RESPONSE MODEL - application/json

```
{  
  results [ {  
    Array of object:  
      id      integer  
      command  string  
      status   string  
      createdAt  string  
  }]  
  paginator  
  ONE OF  
  OPTION 1{  
    firstRecord  integer  
    itemsPerPage  integer  
    recordCount  integer  
  }  
}
```

## 15.8 GET /api/external/v1/rollouts/device/command/states

Used to get states of a specific command, for device, adapters and other.

### REQUEST

REQUEST BODY - application/json

```
{  
  rolloutId  string
```

```
    commandId integer  
}
```

## RESPONSE

STATUS CODE - 200: Collection of statuses, their sources and time

RESPONSE MODEL - application/json

```
[ {  
  Array of object:  
    status  
      ONE OF  
      OPTION 1 {  
        value string  
        state string  
      }  
    source string  
    createdAt string  
  }]
```

## 15.9 POST /api/external/v1/rollouts/{rolloutId}/release

Used to release a rollout which is setup and ready

## REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*rolloutId	guid	rollout id

## RESPONSE

STATUS CODE - 200: Http status code

## 15.10 POST /api/external/v1/rollouts/{rolloutId}/terminate

Used to terminate a rollout

## REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*rolloutId	guid	rollout id

## RESPONSE

STATUS CODE - 200: Http status code

## 15.11 POST /api/external/v1/rollouts/{rolloutId}/approve

Used to approve a specific rollout

## REQUEST

### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*rolloutId	guid	rollout id

## RESPONSE

STATUS CODE - 200: Response code

15.12 POST /api/external/v1/rollouts/remove/devices

Used to remove devices from a created rollout

## REQUEST

### REQUEST BODY - application/json

```
{  
  rolloutId  string  
  deviceUids [string]  
}
```

## RESPONSE

STATUS CODE - 200: Http status code

# 16. SCRIPTSEXTERNAL

## 16.1 GET /api/external/v1/scripts/filter

### REQUEST

#### QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
Name	string	
Notes	string	
CreatedAtFrom	date-time	
CreatedAtTo	date-time	
IsReleased	boolean	
FirstRecord	int32	
ItemsPerPage	int32	
SortField	string	
SortOrderAsc	int32	

### RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/json

```
{  
    results [{  
        Array of object:  
            id      integer  
            name    string  
            notes   string  
            size    integer  
            createdOn string  
            isReleased boolean  
    }]  
    paginator  
    ONE OF  
    OPTION 1 {  
        firstRecord  integer  
        recordCount integer  
        itemsPerPage integer  
        sortField    string  
        sortOrderAsc integer  
    }  
}
```

## 16.2 POST /api/external/v1/scripts

Submits a new script to the system. Make sure all required fields are provided and correctly formatted. Only available to authorized dealer users.

## REQUEST

**REQUEST BODY - application/json**

```
{  
    name*      string  min:1 chars  
    notes      string  
    sourceCode* string  min:1 chars  
    stackSize   integer between 256 and 6144  
        Defines the stack size used by the script. Must be between 256 and 6144.  
}
```

## RESPONSE

**STATUS CODE - 200:** 200 OK – Script was created successfully.

400 Bad Request – Submitted data is invalid.

403 Forbidden – You are not authorized to perform this action.

500 Internal Server Error – internal resources are not available.

**RESPONSE MODEL - application/json**

```
{  
    script  
        ONE OF  
        OPTION 1 {  
            id      integer  
            name    string  
            notes   string  
            sourceCode string  
            stackSize integer  
        }  
    scriptCompileResponse  
        ONE OF  
        OPTION 1 {  
            output [string]  
            errors [string]  
        }  
}
```

**STATUS CODE - 400:**

**RESPONSE MODEL - application/json**

```
{  
    type      string  
    title     string  
    status    integer  
    detail    string  
    instance  string  
    extensions {  
    }  
}
```

**STATUS CODE - 403:**

**RESPONSE MODEL - application/json**

```
{  
    type      string  
    title     string  
    status    integer  
    detail    string  
    instance  string
```

```
extensions {  
}  
}
```

**STATUS CODE - 500:**

### 16.3 GET /api/external/v1/scripts/{id}

**Retrieves the details of a specific script by its ID. Only available to authorized dealer users.**

## REQUEST

### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*id	int32	The ID of the script to retrieve.

## RESPONSE

**STATUS CODE - 200:** 200 OK – Script details retrieved successfully.

400 Bad Request – Invalid script ID provided.

403 Forbidden – You are not authorized to perform this action.

404 Not Found – Script with the specified ID does not exist.

500 Internal Server Error – Internal server error occurred while retrieving the script.

### RESPONSE MODEL - application/json

```
{  
    id      integer  
    name    string  
    notes   string  
    sourceCode string  
    sizeInBytes integer  
    createdOn string  
    isReleased boolean  
}
```

**STATUS CODE - 400:**

### RESPONSE MODEL - application/json

```
{  
    type    string  
    title   string  
    status  integer  
    detail  string  
    instance string  
    extensions {  
    }  
}
```

**STATUS CODE - 403:**

### RESPONSE MODEL - application/json

```
{  
    type    string  
    title   string  
    status  integer  
    detail  string
```

```
    instance string
  extensions {
  }
}
```

STATUS CODE - 404:

RESPONSE MODEL - application/json

```
{
  type      string
  title     string
  status    integer
  detail    string
  instance  string
  extensions {
  }
}
```

STATUS CODE - 500:

## 16.4 PUT /api/external/v1/scripts/{id}

Submits a new script to the system. Make sure all required fields are provided and correctly formatted. Only available to authorized dealer users.

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*id	int32	

#### REQUEST BODY - application/json

```
{
  name*      string  min:1 chars
  notes       string
  sourceCode* string  min:1 chars
  stackSize   integer between 256 and 6144
               Defines the stack size used by the script. Must be between 256 and 6144.
}
```

### RESPONSE

STATUS CODE - 200: 200 OK – Script was created successfully.

400 Bad Request – Submitted data is invalid.

403 Forbidden – You are not authorized to perform this action, or script is already released.

500 Internal Server Error – internal resources are not available.

RESPONSE MODEL - application/json

```
{
  script
  ONE OF
  OPTION 1{
    id        integer
    name     string
    notes    string
  }
```

```

        sourceCode string
        stackSize integer
    }
    scriptCompileResponse
    ONE OF
    OPTION 1{
        output [string]
        errors [string]
    }
}

```

**STATUS CODE - 400:**

**RESPONSE MODEL - application/json**

```
{
    type string
    title string
    status integer
    detail string
    instance string
    extensions {
    }
}
```

**STATUS CODE - 403:**

**RESPONSE MODEL - application/json**

```
{
    type string
    title string
    status integer
    detail string
    instance string
    extensions {
    }
}
```

**STATUS CODE - 500:**

## 16.5 DELETE /api/external/v1/scripts/{id}

Deletes an existing script from the system. Only available to authorized dealer users. If the script does not exist, a 404 is returned. If the operation is forbidden, a 403 is returned.

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*id	int32	The ID of the script to delete.

### RESPONSE

**STATUS CODE - 200:** 200 OK – Script was deleted successfully.

403 Forbidden – You are not authorized to perform this action.

404 Not Found – Script with the specified ID does not exist.

500 Internal Server Error – internal resources are not available.

STATUS CODE - 400:

RESPONSE MODEL - application/json

```
{  
    type      string  
    title     string  
    status    integer  
    detail   string  
    instance string  
    extensions {  
    }  
}
```

STATUS CODE - 403:

RESPONSE MODEL - application/json

```
{  
    type      string  
    title     string  
    status    integer  
    detail   string  
    instance string  
    extensions {  
    }  
}
```

STATUS CODE - 404:

RESPONSE MODEL - application/json

```
{  
    type      string  
    title     string  
    status    integer  
    detail   string  
    instance string  
    extensions {  
    }  
}
```

STATUS CODE - 500:

## 16.6 POST /api/external/v1/scripts/Release/{id}

Releases an existing script, making it active or published in the system. Only available to authorized dealer users.

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*id	int32	The ID of the script to release.

### RESPONSE

**STATUS CODE - 200:** 200 OK – Script was released successfully.  
400 Bad Request – Invalid script ID or release conditions not met.  
403 Forbidden – You are not authorized to perform this action.  
500 Internal Server Error – Script compilation failed / Compiler unavailable.

**STATUS CODE - 400:**

**RESPONSE MODEL - application/json**

```
{  
    type      string  
    title     string  
    status    integer  
    detail   string  
    instance string  
    extensions {  
    }  
}
```

**STATUS CODE - 403:**

**RESPONSE MODEL - application/json**

```
{  
    type      string  
    title     string  
    status    integer  
    detail   string  
    instance string  
    extensions {  
    }  
}
```

**STATUS CODE - 500:**

---

# 17. SETTINGS OVERRIDE EXTERNAL

## 17.1 PUT /api/external/v1/settingsOverrides/{deviceImei}

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceImei	string	

#### REQUEST BODY - application/json

```
{  
    overrides* {  
    }  
}
```

### RESPONSE

#### STATUS CODE - 200:

#### RESPONSE MODEL - application/octet-stream

string

## 17.2 GET /api/external/v1/settingsOverrides/{deviceImei}/overrides

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceImei	string	

### RESPONSE

#### STATUS CODE - 200:

#### RESPONSE MODEL - application/json

```
{  
    overrides [ {  
        Array of object:  
        elementId integer  
        name string  
        value string  
    }]  
    templateId integer  
}
```

## 17.3 PUT /api/external/v3/settingsOverrides/{deviceUid}

Update device settings overrides based on device uid

## REQUEST

### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceUid	string	Unique identifier of the device

### REQUEST BODY - application/json

```
{  
  overrides* {  
  }  
}
```

## RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/octet-stream

string

## 17.4 GET /api/external/v3/settingsOverrides/{deviceUid}/overrides

Get device settings overrides based on device uid

## REQUEST

### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceUid	string	Unique identifier of the device

## RESPONSE

STATUS CODE - 200: Settings overrides for the provided device

RESPONSE MODEL - application/json

```
{  
  overrides [ {  
    Array of object:  
    elementId integer  
    name string  
    value string  
  }]  
  templateId integer  
}
```

# 18. SETTINGSOVERRIDESSTRUCTUREEXTERNAL

## 18.1 GET /api/external/v1/settingsOverrides/{deviceImei}

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceImei	string	

### RESPONSE

STATUS CODE - 200:

#### RESPONSE MODEL - application/json

```
{  
    categories [{  
        Array of object:  
        id   integer  
        name string  
    }]  
}
```

## 18.2 GET /api/external/v1/settingsOverrides/{deviceImei}/categories/{categoryId}

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceImei	string	
*categoryId	int32	

### RESPONSE

STATUS CODE - 200:

#### RESPONSE MODEL - application/json

```
{  
    subCategories [{  
        Array of object:  
        id   integer  Unique identifier  
        name string   Item name  
    }]  
    userElementGroups [  
        Array of object:  
        id   integer  Unique identifier  
        name string   Item name  
    }]
```

}

## 18.3 GET /api/external/v1/settingsOverrides/{deviceImei}/categories/{categoryId}/elementGroups/{elementGroupId}

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceImei	string	
*categoryId	int32	
*elementGroupId	int32	

### RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/json

```
{  
  userElements [ {  
    Array of object:  
      id   integer  Unique identifier  
      name string   Item name  
  }]  
}
```

## 18.4 GET /api/external/v1/settingsOverrides/{deviceImei}/categories/{categoryId}/elementGroups/{elementGroupId}/elements/{elementId}

Get a device settings element based on it's imei and setting template route

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceImei	string	
*categoryId	int32	
*elementGroupId	int32	
*elementId	int32	

### RESPONSE

STATUS CODE - 200: Device settings element details

RESPONSE MODEL - application/json

```
{  
  id           integer  
  name         string  
  value        string  Value converted to string, except for checkbox and checkbox group.  
}
```

When type is checkbox or checkbox group value will have serialized list of item states: [ {"Position":1,"Value":true}, {"Position":2,"Value":false}, ... ]

<b>defaultValue</b>	string	Same format as value
<b>description</b>	string	
<b>type</b>		
<b>ONE OF</b>		
<b>OPTION 1 {</b>		
<b>type</b>		
<b>ONE OF</b>		
<b>prop0</b>		
<b>enum</b>		
ALLOWED: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 17		
<b>stringValidation</b>		
<b>ONE OF</b>		
<b>OPTION 1 {</b>		
<b>maxLength</b> integer		
}		
<b>intValidation</b>		
<b>ONE OF</b>		
<b>OPTION 1 {</b>		
<b>minValue</b> integer		
<b>maxValue</b> integer		
<b>step</b> integer		
}		
<b>fileValidation</b>		
<b>ONE OF</b>		
<b>OPTION 1 {</b>		
<b>maxSize</b> integer Max file size in bytes		
<b>acceptedTypes</b> [string]		
}		
<b>checkboxGroupValidation</b>		
<b>ONE OF</b>		
<b>OPTION 1 {</b>		
<b>checkboxes</b> [ {		
<b>Array of object:</b>		
<b>name</b> string		
<b>position</b> integer		
<b>defaultValue</b> boolean		
} ]		
}		
<b>dropdownValidation</b>		
<b>ONE OF</b>		
<b>OPTION 1 {</b>		
<b>options</b> [ {		
<b>Array of object:</b>		
<b>label</b> string		
<b>value</b> integer		
} ]		
}		
<b>triCheckboxGroupValidation</b>		
<b>ONE OF</b>		
<b>OPTION 1 {</b>		
<b>triCheckboxes</b> [ {		
<b>Array of object:</b>		
<b>name</b> string		
<b>position</b> integer		
<b>defaultValue</b> boolean true - selected		

```

        false - not selected
        null - indeterminate
    }]
}
floatValidation
  ONE OF
  OPTION 1{
    minValue  number
    maxValue  number
    step      number
  }
passwordValidation
  ONE OF
  OPTION 1{
    max_length integer
  }
dynamicDropdownValidation
  ONE OF
  OPTION 1{
    valueType  string
    options [ {
      Array of object:
      label  string
      value  string
    }]
  }
  overriden   boolean
}

```

## 18.5 GET /api/external/v3/settingsOverrides/{deviceUid}

**Get a device settings category list based on its uid**

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceUid	string	Unique identifier of the device

### RESPONSE

**STATUS CODE - 200:** Device settings category list

#### RESPONSE MODEL - application/json

```
{
  categories [ {
    Array of object:
    id    integer
    name  string
  }]
}
```

**18.6 GET /api/external/v3/settingsOverrides/{deviceUid}/categories/{categoryId}**

**Get a device settings category based on its uid and setting template route**

## REQUEST

### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceUid	string	Unique identifier of the device
*categoryId	int32	Category Id

## RESPONSE

**STATUS CODE - 200: Device settings category details**

**RESPONSE MODEL - application/json**

```
{  
    subCategories [ {  
        Array of object:  
            id   integer  Unique identifier  
            name string   Item name  
    } ]  
    userElementGroups [ {  
        Array of object:  
            id   integer  Unique identifier  
            name string   Item name  
    } ]  
}
```

**18.7 GET /api/external/v3/settingsOverrides/{deviceUid}/categories/{categoryId}/elementGroups/{elementGroupId}**

**Get a list of device settings elements in the element group based on its uid and setting template route**

## REQUEST

### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceUid	string	Unique identifier of the device
*categoryId	int32	Category Id
*elementGroupId	int32	Id of the element group

## RESPONSE

**STATUS CODE - 200: Device settings element list**

**RESPONSE MODEL - application/json**

```
{  
    userElements [ {  
        Array of object:  
    } ]  
}
```

```

    id   integer Unique identifier
    name string  Item name
  }]
}

```

## 18.8 GET /api/external/v3/settingsOverrides/{deviceUid}/categories/{categoryId}/elementGroups/{elementGroupId}/elements/{elementId}

Get a device settings element based on its uid and setting template route

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceUid	string	Unique identifier of the device
*categoryId	int32	Category Id
*elementGroupId	int32	Id of the element group
*elementId	int32	Element Id

### RESPONSE

STATUS CODE - 200: Device settings element details

#### RESPONSE MODEL - application/json

```

{
  id          integer
  name        string
  value       string
              Value converted to string, except for checkbox and checkbox group.
              When type is checkbox or checkbox group value will have serialized list of item states: [{"Position":1,"Value":true}, {"Position":2,"Value":false}, ...]
  defaultValue string
  description string
  type        type
              ONE OF
              OPTION 1{
                type
                ONE OF
                prop0
                enum
                ALLOWED:1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 17
                stringValidation
                ONE OF
                OPTION 1{
                  max_length integer
                }
                intValidation
                ONE OF
                OPTION 1{
                  minValue integer
                  maxValue integer
                  step     integer
                }
                fileValidation
  }
}

```

```

ONE OF
OPTION 1 {
  maxSize           integer   Max file size in bytes
  acceptedTypes [string]
}
checkboxGroupValidation

ONE OF
OPTION 1 {
  checkboxes [ {
    Array of object:
      name        string
      position     integer
      defaultValue boolean
    }]
}
dropdownValidation

ONE OF
OPTION 1 {
  options [ {
    Array of object:
      label  string
      value  integer
    }]
}
triCheckboxGroupValidation

ONE OF
OPTION 1 {
  triCheckboxes [ {
    Array of object:
      name        string
      position     integer
      defaultValue boolean
        true - selected
        false - not selected
        null - indeterminate
    }]
}
floatValidation

ONE OF
OPTION 1 {
  minValue  number
  maxValue  number
  step      number
}
passwordValidation

ONE OF
OPTION 1 {
  maxLength integer
}
dynamicDropdownValidation

ONE OF
OPTION 1 {
  valueType  string
  options [ {
    Array of object:
      label  string
      value  string
    }]
}

```

```
    }  
    overridden boolean  
}
```

---

# 19. USERTEMPLATECATEGORIESGATEWAYEXTERNAL

19.1 GET /api/external/v1/userTemplates/{templateId}/categories/{categoryId}

Get single

## REQUEST

### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*templateId	int32	Template Id
*categoryId	int32	Category Id

## RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/json

```
{  
    id                  integer      Unique category identifier  
    name                string       Name of the category  
    subCategories [ {  
        Array of object:  
            id      integer  Unique identifier  
            name   string   Item name  
    } ]  
    userElementGroups [ {  
        Array of object:  
            id      integer  Unique identifier  
            name   string   Item name  
    } ]  
    elementGroupTemplate  
    ONE OF  
    OPTION 1 {  
        name                string      Element group name  
        localSettingId     integer     Local id of setting in template. Unique in a single  
                                         template scope  
       .isRequired        boolean    flag marking group as necessary  
        maxReplicas        integer    Maximum amount of element groups supported in the  
                                         category  
        elements [ {  
            Array of object:  
                id          integer  
                name        string  
                value       string  
                defaultValue string  
                description string  
                type        string  
                ONE OF  
                OPTION 1 {  
                    Value converted to string, except for checkbox and checkbox group.  
                    When type is checkbox or checkbox group value will have serialized list of item states:  
                    [{"Position":1,"Value":true},{"Position":2,"Value":false}, ...]  
                    Same format as value  
    }
```

```

type
  ONE OF
  prop0
  enum
    ALLOWED:1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 17
stringValidation
  ONE OF
  OPTION 1{
    maxLength integer
  }
intValidation
  ONE OF
  OPTION 1{
    minValue integer
    maxValue integer
    step      integer
  }
fileValidation
  ONE OF
  OPTION 1{
    maxSize      integer   Max file size in bytes
    acceptedTypes [string]
  }
checkboxGroupValidation
  ONE OF
  OPTION 1{
    checkboxes [ {
      Array of object:
        name      string
        position   integer
        defaultValue boolean
    }]
  }
dropdownValidation
  ONE OF
  OPTION 1{
    options [ {
      Array of object:
        label string
        value integer
    }]
  }
triCheckboxGroupValidation
  ONE OF
  OPTION 1{
    triCheckboxes [ {
      Array of object:
        name      string
        position   integer
        defaultValue boolean
          true - selected
          false - not selected
          null - indeterminate
    }]
  }
floatValidation
  ONE OF
  OPTION 1{

```

```
    minValue  number
    maxValue  number
    step      number
}
passwordValidation
ONE OF
OPTION 1{
    maxLength  integer
}
dynamicDropdownValidation
ONE OF
OPTION 1{
    valueType  string
    options  [{  
        Array of object:  
            label  string  
            value  string
        }]
}
localGroupId  integer
}]
}
}
```

---

# 20. USERTEMPLATEELEMENTGATEWAYEXTERNAL

20.1 GET /api/external/v1/userTemplates/{templateId}/categories/{categoryId}/elementGroups/{elementGroupId}/elements/{elementId}

Get single

## REQUEST

### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*templateId	int32	Template Id
*categoryId	int32	Category Id
*elementGroupId	int32	Element Group Id
*elementId	int32	Element Id

## RESPONSE

STATUS CODE - 200: Element validation including type with validation rules

### RESPONSE MODEL - application/json

```
{  
    id          integer  
    name        string  
    value       string      Value converted to string, except for checkbox and checkbox group.  
                           When type is checkbox or checkbox group value will have serialized list of item states: [{"Position":1,"Value":true}, {"Position":2,"Value":false}, ...]  
    defaultValue string  
    description  string      Same format as value  
    type         string  
    ONE OF  
    OPTION 1 {  
        type  
        ONE OF  
        prop0  
        enum  
        ALLOWED:1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 17  
        stringValidation  
        ONE OF  
        OPTION 1 {  
            max_length integer  
        }  
        intValidation  
        ONE OF  
        OPTION 1 {  
            minValue   integer  
            maxValue   integer  
            step       integer  
        }  
        fileValidation  
        ONE OF
```

```

OPTION 1{
  maxSize         integer   Max file size in bytes
  acceptedTypes [string]
}
checkboxGroupValidation

ONE OF
OPTION 1{
  checkboxes [{  
    Array of object:  
      name          string  
      position       integer  
      defaultValue boolean  
    }]  
}
dropdownValidation

ONE OF
OPTION 1{
  options [{  
    Array of object:  
      label  string  
      value  integer  
    }]  
}
triCheckboxGroupValidation

ONE OF
OPTION 1{
  triCheckboxes [{  
    Array of object:  
      name          string  
      position       integer  
      defaultValue boolean  
      true - selected  
      false - not selected  
      null - indeterminate  
    }]  
}
floatValidation

ONE OF
OPTION 1{
  minValue  number
  maxValue  number
  step       number
}
passwordValidation

ONE OF
OPTION 1{
  max_length integer
}
dynamicDropdownValidation

ONE OF
OPTION 1{
  valueType  string
  options [{  
    Array of object:  
      label  string  
      value  string  
    }]  
}

```

```

    }
    localGroupId integer
}

```

## 20.2 PUT /api/external/v1/userTemplates/{templateId}/categories/{categoryId}/elementGroups/{elementGroupId}/elements/{elementId}

### Update

". indicates a decimal point. For checkbox send json as string: [{}'position': 1, 'value': true}, ...], where value can be true|false. For three state checkbox send json as string: [{}'position': 1, 'value': true}, ...], where value can be true|false|null.

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*templateId	int32	User Template Id
*categoryId	int32	Category Id
*elementGroupId	int32	Element Group Id
*elementId	int32	Element Id

#### REQUEST BODY - application/json

```
{
  id      integer
  value   string
  fileName string
}
```

### RESPONSE

#### STATUS CODE - 200:

#### RESPONSE MODEL - application/json

undefined

## 20.3 PUT /api/external/v1/userTemplates/{templateId}/elements/multiple

### Update multiple

### REQUEST

#### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*templateId	int32	User Template Id

#### REQUEST BODY - application/json

```
[ {
```

Array of object:

```
  id      integer
```

```
    value      string  
    fileName  string  
  }]  
}
```

## RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/json

undefined

---

# 21. USERTEMPLATEELEMENTGROUPGATEWAYEXTERNAL

21.1 GET /api/external/v1/userTemplates/{templateId}/categories/{categoryId}/elementGroups/{elementGroupId}

Get single

## REQUEST

### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*templateId	int32	Template Id
*categoryId	int32	Category Id
*elementGroupId	int32	Element Group Id

## RESPONSE

STATUS CODE - 200: Single element group

### RESPONSE MODEL - application/json

```
{  
    id          integer  
   isRequired   boolean  
    localSettingId integer  
    maxReplicas  integer  
    name        string  
    userElements [ {  
        Array of object:  
        id      integer  
        name   string  
    }]  
}
```

21.2 DELETE /api/external/v1/userTemplates/{templateId}/categories/{categoryId}/elementGroups/{elementGroupId}

Delete

## REQUEST

### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*templateId	int32	Template Id
*categoryId	int32	Category Id
*elementGroupId	int32	Element Group Id

## RESPONSE

**STATUS CODE - 200:**

**RESPONSE MODEL - application/json**

undefined

21.3 POST /api/external/v1/userTemplates/{templateId}/categories/{categoryId}/elementGroups

Add new

## REQUEST

### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*templateId	int32	Template Id
*categoryId	int32	Category Id

### REQUEST BODY - application/json

```
{  
    name      string  
    elements [ {  
        Array of object:  
            value      string  
            localGroupId integer  
            filename   string  
    }]  
}
```

## RESPONSE

**STATUS CODE - 200:** Created element group Id

**RESPONSE MODEL - application/json**

```
{  
    id  integer  
}
```

## 22. USERTEMPLATESGATEWAYEXTERNAL

### 22.1 POST /api/external/v1/userTemplates

Add new

#### REQUEST

REQUEST BODY - application/json

```
{  
    name          string  Parameter where Name contains any specified value  
    hardwareId   integer Parameter where HardwareId contains any specified value  
    adminTemplateId integer Parameter where AdminTemplateId contains any specified value  
    dealerId     integer Parameter where IsOutdated contains any specified value  
    notes         string  Parameter where Notes contains any specified value  
}
```

#### RESPONSE

STATUS CODE - 200: Created user settings template

RESPONSE MODEL - application/json

```
{  
    id            integer  
    name          string  
    notes         string  
    hardwareVersion integer  
    hardwareVersionName string  
    categories  [{  
        Array of object:  
            id          integer  
            name        string  
            subCategories [ { recursive } ]  
            userElementGroups [{  
                Array of object:  
                    id          integer  
                    name        string  
                   isRequired boolean  
                    maxReplicas integer  
                    localSettingId integer  
                    userElements [{  
                        Array of object:  
                            id          integer  
                            name        string  
                            value       string  
                            defaultValue string  
                            description string  
                            localGroupId integer  
                            type        string  
                            ONE OF  
                            OPTION 1 {  
                                name  string  
                                type  enum ALLOWED:1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 17  
                                stringValidation  
                            }  
                        }  
                    }  
                }  
            }  
        }  
    }  
}
```

```

ONE OF
OPTION 1{
    maxLength integer
}
intValidation

ONE OF
OPTION 1{
    minValue integer
    maxValue integer
    step     integer
}
fileValidation

ONE OF
OPTION 1{
    maxSize      integer   Max file size in bytes
    acceptedTypes [string]
}
checkboxGroupValidation

ONE OF
OPTION 1{
    checkboxes [ {
        Array of object:
        name      string
        position  integer
        defaultValue boolean
    }]
}
dropdownValidation

ONE OF
OPTION 1{
    options [ {
        Array of object:
        label  string
        value  integer
    }]
}
triCheckboxGroupValidation

ONE OF
OPTION 1{
    triCheckboxes [ {
        Array of object:
        name      string
        position  integer
        defaultValue boolean true - selected
                                false - not selected
                                null - indeterminate
    }]
}
floatValidation

ONE OF
OPTION 1{
    minValue number
    maxValue number
    step     number
}
passwordValidation

ONE OF
OPTION 1{

```

```

        max_length integer
    }
dynamicDropdownValidation
    ONE OF
    OPTION 1{
        valueType string
        options [ {
            Array of object:
                label string
                value string
            }
        }
    }
}
usedCount                                integer
usedForUpdateCount                         integer
dealerId                                  integer
adminTemplateId                           integer
adminTemplateName                          string
requiresSerialization                     boolean
maxScriptSizeInBytes                      integer
isOutdated                                boolean
lastUpdate                                 string
createdOn                                  string
}

```

## 22.2 POST /api/external/v1/userTemplates/duplicate

### Duplicates existing user settings template

#### REQUEST

**REQUEST BODY - application/json**

```
{
  settingTemplateId integer
  name              string
  notes             string
  dealerId          integer
}
```

#### RESPONSE

**STATUS CODE - 200:** Duplicated user settings template

**RESPONSE MODEL - application/json**

```
{
  id                integer
  name              string
  notes             string
  hardwareVersion   integer
  hardwareVersionName string
  categories [ {
      Array of object:
          id          integer
  }
]
```

```

name string
subCategories [{recursive}] UserCategoryExternalDto
userElementGroups [
Array of object:
  id integer
  name string
 isRequired boolean
  maxReplicas integer
  localSettingId integer
  userElements [
    Array of object:
      id integer
      name string
      value string
      defaultValue string
      description string
      localGroupId integer
      type
        ONE OF
        OPTION 1{
          name string
          type enum ALLOWED:1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 17
          stringValidation
            ONE OF
            OPTION 1{
              maxLength integer
            }
          intValidation
            ONE OF
            OPTION 1{
              minValue integer
              maxValue integer
              step integer
            }
          fileValidation
            ONE OF
            OPTION 1{
              maxSize integer Max file size in bytes
              acceptedTypes [string]
            }
          checkboxGroupValidation
            ONE OF
            OPTION 1{
              checkboxes [
                Array of object:
                  name string
                  position integer
                  defaultValue boolean
                ]
              ]
            }
          dropdownValidation
            ONE OF
            OPTION 1{
              options [
                Array of object:
                  label string
                  value integer
                ]
              ]
            }
          
```

### 22.3 POST /api/external/v1/userTemplates/filter

## Filter

## REQUEST

**REQUEST BODY - application/json**

```
{  
    paginator  
        ONE OF  
        OPTION 1{  
            firstRecord  integer  
            itemsPerPage  integer  
        }  
    filter  
        ONE OF  
        OPTION 1{  
            name  string  Filter where Name contains any specified value  
            hardwareVersionId  integer  Filter where HardwareVersionId contains any specified value  
            usedCountFrom  integer  Filter where UsedCountFrom contains any specified value  
            usedCountTo  integer  Filter where UsedCountTo contains any specified value  
            lastUpdateFrom  integer  Last updated from (unix second)  
            lastUpdateTo  integer  Last updated to (unix second)  
            adminTemplateName  string  Filter where AdminTemplateName contains any specified value  
            isOutdated  boolean  Filter where IsOutdated contains any specified value  
            dealerId  integer  Filter where DealerId contains any specified value  
            requiresSerialization  boolean  Filter where RequiresSerialization contains specified value  
        }  
    }  
}
```

## RESPONSE

**STATUS CODE - 200:** Returns paged user setting templates

**RESPONSE MODEL - application/json**

```
{  
    results [ {  
        Array of object:  
            id  integer  
            name  string  
            usedCount  integer  
            lastUpdate  integer  Last update (unix second)  
            isOutdated  boolean  
            adminTemplate  
                ONE OF  
                OPTION 1{  
                    id  integer  
                    name  string  
                }  
            hardwareVersion  
                ONE OF  
                OPTION 1{  
                    id  integer  
                    name  string  
                }  
            dealer  
                ONE OF  
                OPTION 1{  
                    id  integer  
                    name  string  
                }  
    }  
}
```

```

    requiresSerialization boolean
}
paginator
ONE OF
OPTION 1{
  firstRecord integer
  itemsPerPage integer
  recordCount integer
}
}

```

## 22.4 GET /api/external/v1/userTemplates/{templateId}

### Get single

#### REQUEST

##### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*templateId	int32	Template Id

#### RESPONSE

STATUS CODE - 200: Returns user setting template information with its main categories

##### RESPONSE MODEL - application/json

```
{
  id          integer
  name        string
  hardwareVersionName string
  isOutdated   boolean
  lastUpdate   integer
  categories [ {
    Array of object:
    id    integer
    name  string
  }]
}
```

## 22.5 DELETE /api/external/v1/userTemplates/{templateId}

### Delete user setting template

#### REQUEST

##### PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*templateId	int32	Template Id

#### RESPONSE

**STATUS CODE - 200:**

**RESPONSE MODEL - application/octet-stream**

string

**22.6 GET /api/external/v1/userTemplates/{templateId}/serialize**

**Get user setting template serialized file**

## REQUEST

**PATH PARAMETERS**

NAME	TYPE	DESCRIPTION
*templateId	int32	Template Id

## RESPONSE

**STATUS CODE - 200:** Returns user setting template serialized file

**RESPONSE MODEL - application/octet-stream**

string

**22.7 POST /api/external/v1/userTemplates/{templateId}/serialize**

**Serialize**

## REQUEST

**PATH PARAMETERS**

NAME	TYPE	DESCRIPTION
*templateId	int32	Template Id

## RESPONSE

**STATUS CODE - 200:**

**RESPONSE MODEL - application/json**

undefined

**22.8 GET /api/external/v1/userTemplates/{templateId}/GetTree**

**Get user setting template**

## REQUEST

**PATH PARAMETERS**

NAME	TYPE	DESCRIPTION
*templateId	int32	Template Id

## RESPONSE

STATUS CODE - 200: Returns user setting template

RESPONSE MODEL - application/json

```
{  
    id          integer  
    name        string  
    hardwareVersionName string  
    isOutdated   boolean  
    lastUpdate    integer  
    categories  [  
        Array of object:  
            id    integer  
            name  string  
        ]  
    }  
}
```

---