

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 [{
    Array of object:
    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 [{
    Array of object:
    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

```
[{
  Array of object:
    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

```
[{
  Array of object:
    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

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

6. DEVICESDKGATEWAYEXTERNAL

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]
    }
  }
}

```

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{
        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
    }
  }
}]]
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.

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:

6.6 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

```
[ {
  Array of object:
    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

```
[ {
  Array of object:
    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

```
[ {  
  Array of object:  
    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
        ONE OF
        prop0
        enum
        ALLOWED:0, 1, 2, 3, 4
    notes          string
    owner          string
    dealerId       integer
    status
        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 [{
    Array of object:
    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
      deviceId     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. SETTINGSOVERRIDESEXTERNAL

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
*deviceId	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/{deviceId}/overrides
Get device settings overrides based on device uid

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceId	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/{deviceId}

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceId	string	

RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/json

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

18.2 GET /api/external/v1/settingsOverrides/{deviceId}/categories/{categoryId}

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceId	string	
*categoryId	int32	

RESPONSE

STATUS CODE - 200:

RESPONSE MODEL - application/json

```
{
  subCategories [{
    id integer Unique identifier
    name string Item name
  }]
  userElementGroups [{
    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}, ...]

```

defaultValue    string
description     string
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_lenght 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_lenght integer  
    }  
  dynamicDropdownValidation  
    ONE OF  
    OPTION 1{  
      valueType string  
      options [{  
        Array of object:  
          label string  
          value string  
        }]  
    }  
  }  
  overridden boolean  
}
```

18.5 GET /api/external/v3/settingsOverrides/{deviceId}

Get a device settings category list based on its uid

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceId	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/{deviceId}/categories/{categoryId}

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

REQUEST

PATH PARAMETERS

NAME	TYPE	DESCRIPTION
*deviceId	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/{deviceId}/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
*deviceId	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/{deviceId}/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
*deviceId	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
    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_lenght 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_lenght 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     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     Same format as value
          description        string
          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_lenght 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_lenght 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
  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_lenght 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_lenght 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}] 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{
        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_lenght 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}]
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{
              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_lenght 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
}

```

22.3 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
  }]
}
```
