

# Usar o recurso switchDeviceType da BroadWorks

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## Introduction

Este documento descreve o uso do recurso switchDeviceType da BroadWorks.

## Prerequisites

### Requirements

Não existem requisitos específicos para este documento.

### Componentes Utilizados

Este documento não se restringe a versões de software e hardware específicas.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. Se a rede estiver ativa, certifique-se de que você entenda o impacto potencial de qualquer comando.

## Informações de Apoio

A partir do BroadWorks, versão 23.0 e posterior, um mecanismo foi introduzido para comutar um tipo de perfil de dispositivo de um para outro.

## Opções de uso

O `switchDeviceType` pode ser executado a partir do BWCLI ou do comando `oci-p, SystemDeviceManagementSwitchDeviceTypeDeviceRequest`.

## BWCLI

```
AS_CLI/System/Device/IpDeviceMgmt> help switchDeviceType
```

This command is used to switch device profiles from one device type to another.

### Parameters description:

`attribute` : The name of the attribute that scopes the command.

`system` : This parameter specifies the switch command is issued at the system level.

`fromDeviceType` : This parameter specifies the original device type.

`toDeviceType` : This parameter specifies the destination device type.

`serviceProvider` : This parameter specifies the switch command is issued at the service provider level.

`svcProviderId` : This parameter specifies the ID of the service provider.

`group` : This parameter specifies the switch command is issued at the group level.

`groupId` : This parameter specifies the valid group within the service provider.

`systemDeviceProfile` : This parameter specifies the switch command is issued for a single device profile at the system level.

`deviceName` : This parameter specifies the name of the device profile.

`svcProvDeviceProfile`: This parameter specifies the switch command is issued for a single device profile at the service provider level.

`groupDeviceProfile` : This parameter specifies the switch command is issued for a single device profile at the group level.

```
=====
```

```
switchDeviceType
```

```
<attribute>, Choice = {system, serviceProvider, group, systemDeviceProfile,  
svcProvDeviceProfile, groupDeviceProfile}
```

```
system:
```

```
<fromDeviceType>, String {1 to 40 characters}
```

```
<toDeviceType>, String {1 to 40 characters}
```

```
serviceProvider:
```

```
<svcProviderId>, String {1 to 30 characters}
```

```
<fromDeviceType>, String {1 to 40 characters}
```

```
<toDeviceType>, String {1 to 40 characters}
```

```
group:
```

```
<svcProviderId>, String {1 to 30 characters}
```

```
<groupId>, String {1 to 30 characters}
```

```
<fromDeviceType>, String {1 to 40 characters}
```

```
<toDeviceType>, String {1 to 40 characters}
```

```
systemDeviceProfile:
```

```
<deviceName>, String {1 to 40 characters}
```

```
<toDeviceType>, String {1 to 40 characters}
```

```
svcProvDeviceProfile:
```

```
<svcProviderId>, String {1 to 30 characters}
```

```
<deviceName>, String {1 to 40 characters}
```

```
<toDeviceType>, String {1 to 40 characters}
```

```
groupDeviceProfile:
```

```
<svcProviderId>, String {1 to 30 characters}
```

```
<groupId>, String {1 to 30 characters}
```

```
<deviceName>, String {1 to 40 characters}
```

```
<toDeviceType>, String {1 to 40 characters}
```

## Comando OCI-P

```
<?xml version="1.0" encoding="ISO-8859-1"?>
```

```
<BroadsoftDocument protocol="OCI" xmlns="C" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
```

```

instance">
<sessionId xmlns="">SESSIONID</sessionId>
<command xsi:type="SystemDeviceManagementSwitchDeviceTypeDeviceRequest" xmlns="">
<svcProviderId>YOUR ENT/SP</svcProviderId>
<groupId>YOUR GROUP</groupId>
<deviceName>ORIGINAL DEVICE TYPE</deviceName>
<toDeviceType>NEW DEVICE TYPE</toDeviceType>
</command>
</BroadsoftDocument>

```

## Esquema XML

```

<xs:complexType name="SystemDeviceManagementSwitchDeviceTypeDeviceRequest">
<xs:annotation>
<xs:appinfo>
<bwAppInfo bwtag="_1843b06e76464254bf146a91622df7b4"/>
<asDataModeSupported>true</asDataModeSupported>
<amplifyDataModeSupported>true</amplifyDataModeSupported>
<xsDataModeSupported>true</xsDataModeSupported>
</xs:appinfo>
<xs:documentation>
Switch the device type for a specified device.
To switch a system level device profile, serviceProviderId and groupId should not be present.
To switch a service provider level device profile, only serviceProviderId should be specified.
To switch a group level device profile, serviceProviderId and groupId should specified.
The response is either a SuccessResponse or an ErrorResponse.
</xs:documentation>
</xs:annotation>
<xs:complexContent>
<xs:extension base="core:OCIRequest">
<xs:sequence>
<xs:choice minOccurs="0">
<xs:element name="serviceProviderId" type="ServiceProviderId"/>
<xs:sequence>
<xs:element name="svcProviderId" type="ServiceProviderId"/>
<xs:element name="groupId" type="GroupId"/>
</xs:sequence>
</xs:choice>
<xs:element name="deviceName" type="AccessDeviceName"/>
<xs:element name="toDeviceType" type="AccessDeviceType"/>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

```

## Exemplo de laboratório

### Exemplo de BWCLI

Para este exemplo, altere um groupDeviceProfile do tipo de dispositivo Poly\_VX\_D230 para o tipo de dispositivo Cisco-CP-78xx-88xx-68xx-3PCC.

- Adicione um perfil de dispositivo de grupo Poly\_VX\_D230\_Switch e atribua o dispositivo Poly\_VX\_D230:

```

AS_CLI/System/Device/IpDeviceMgmt> add pws_ent pws_grp Poly_VVX_D230_Switch Poly_VVX_D230
macAddress 678678678678

```

- Efetue a alternância do perfil Poly\_VX\_D230\_Switch para Cisco-CP-78xx-88xx-68xx-3PCC:

```
AS_CLI/System/Device/IpDeviceMgmt> switchDeviceType groupDeviceProfile pws_ent pws_grp
Poly_VVX_D230_Switch Cisco-CP-78xx-88xx-68xx-3PCC
...Done
[Request for switch is being processed; Rebuild triggered for device type: Cisco-CP-78xx-88xx-
68xx-3PCC,
please refer to DMEventQueues for completion status.]
```

## Exemplo de registro

Este é um exemplo de log para esse tipo de solicitação visto no PSLog.

2022.05.26 09:34:57:686 EDT | Info | OCI-P | BCCT Worker #0

```
Received the following request from: 127.0.0.1:56212
<?xml version="1.0" encoding="ISO-8859-1"?>
<BroadsoftDocument protocol="OCI" xmlns="C" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
<sessionId xmlns="">16535720065220.14787900206648874</sessionId>
<command xsi:type="SystemDeviceManagementSwitchDeviceTypeDeviceRequest" xmlns="">
<svcProviderId>pws_ent</svcProviderId>
<groupId>pws_grp</groupId>
<deviceName>Poly_VVX_D230_Switch</deviceName>
<toDeviceType>Cisco-CP-78xx-88xx-68xx-3PCC</toDeviceType>
</command>
</BroadsoftDocument>
```

2022.05.26 09:34:57:711 EDT | FieldDebug | Generic | BCCT Worker #0

```
OCI Transaction
com.broadsoft.oci.transactions.system.SystemDeviceManagementSwitchDeviceTypeDeviceTransaction
write5193 executed.
User: Default Administrator (admin) Authorization Level: System
Start Time: 2022.05.26 09:34:57:687 EDT
End Time: 2022.05.26 09:34:57:711 EDT
Duration: 24 ms
```

2022.05.26 09:34:57:711 EDT | Info | OCI-P | BCCT Worker #0 | admin

```
TO 127.0.0.1:56212
<?xml version="1.0" encoding="ISO-8859-1"?>
<BroadsoftDocument protocol="OCI" xmlns="C" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
<sessionId xmlns="">16535720065220.14787900206648874</sessionId>
<command echo="" xsi:type="c:SuccessResponse" xmlns:c="C" xmlns=""/>
</BroadsoftDocument>
```

## Informações Relacionadas

- [DeviceProfileTypeCustomizationEnhancements-AS-FD](#)
- [Suporte técnico e downloads da Cisco](#)

## Sobre esta tradução

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