

# Cisco Video Surveillance Manager 7: Set a Camera State to Deleted Manually

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## Introduction

This document describes how to manually set a camera device to a deleted state on a Cisco Video Surveillance Manager (VSM) 7 media server.

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## Background Information

Prior to VSM 7.8, there was no manual way to delete a camera that had gotten into a stuck state. As a result, there was a script written to remove cameras forcibly from the Operations Manager (VSOM) database. That however leaves the camera's entry in the media server. In these cases, the camera device would need to be manually set to be in a deleted state in the media server's database.

## Problem

How to find the device's Unique Identifier (UID) and then set the camera to a deleted state.

## Solution

From root on the media server, use this command to get the device UID and state for the cameras:

```
echo "select from_base64(d.name) as 'device_name', d.admin_state_value, a.name as 'admin_state_name', d.id as 'camera_id', d.uid as 'camera_uid' from device d, admin_states a where a.enum_value=d.admin_state_value\G;" | /usr/BWhttpd/mysql/bin/mysql --defaults-file=/usr/BWhttpd/mysql/ums/ums.cnf UMS
```

The UID's of the cameras can also be found with the command **ps aux | grep ums | vsmdbg**.

Once you have the UID, you can then set it to **disabled** with:

```
[root@Dot182 ~]# /usr/BWhttpd/mysql/bin/mysql --defaults-file=/usr/BWhttpd/mysql/ums/ums.cnf UMS
Reading table information for completion of table and column names
```

You can turn off this feature to get a quicker startup with -A

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 65131

Server version: 5.6.18-enterprise-commercial-advanced-log MySQL Enterprise Server - Advanced Edition (Commercial)

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> update device set admin_state_value=3 where uid="e4d410a4-3b7f-4564-acfa-9bdb8eb24b24";
```

**Note:** You can also use the camera's ID, which is shorter, in the where statement. The ID appears in the query listing as **camera\_id**.

For example:

```
[root@Dot181 ~]# echo "select from_base64(d.name) as 'device_name', d.admin_state_value, a.name as 'admin_state_name', d.id as 'camera_id', d.uid as 'camera_uid' from device d, admin_states a where a.enum_value=d.admin_state_value\G;" | /usr/BWhttpd/mysql/bin/mysql --defaults-file=/usr/BWhttpd/mysql/ums/ums.cnf UMS
```

```
***** 1. row *****
```

```
device_name: NULL
admin_state_value: 1
admin_state_name: enabled
camera_id: 1
camera_uid: d378fcdc-c484-11e6-9453-005056af6120
```

```
***** 2. row *****
```

```
device_name: test
admin_state_value: 1
admin_state_name: enabled
camera_id: 4
camera_uid: 40927fd4-1fe6-478a-90ea-f77db216f61b
```

```
[root@Dot181 ~]# echo "update device set admin_state_value=3 where uid='40927fd4-1fe6-478a-90ea-f77db216f61b';" | /usr/BWhttpd/mysql/bin/mysql --defaults-file=/usr/BWhttpd/mysql/ums/ums.cnf UMS
```

```
[root@Dot181 ~]# echo "select from_base64(d.name) as 'device_name', d.admin_state_value, a.name as 'admin_state_name', d.id as 'camera_id', d.uid as 'camera_uid' from device d, admin_states a where a.enum_value=d.admin_state_value\G;" | /usr/BWhttpd/mysql/bin/mysql --defaults-file=/usr/BWhttpd/mysql/ums/ums.cnf UMS
```

```
***** 1. row *****
```

```
device_name: NULL
admin_state_value: 1
admin_state_name: enabled
camera_id: 1
camera_uid: d378fcdc-c484-11e6-9453-005056af6120
```

```
***** 2. row *****
```

```
device_name: test
admin_state_value: 3
admin_state_name: deleted
camera_id: 4
camera_uid: 40927fd4-1fe6-478a-90ea-f77db216f61b
```

```
[root@Dot181 ~]# echo "update device set admin_state_value=1 where uid='40927fd4-1fe6-478a-90ea-
```

```
f77db216f61b';" | /usr/BWhttpd/mysql/bin/mysql --defaults-file=/usr/BWhttpd/mysql/ums/ums.cnf
UMS
```

```
[root@Dot181 ~]# echo "select from_base64(d.name) as 'device_name', d.admin_state_value, a.name
as 'admin_state_name', d.id as 'camera_id', d.uid as 'camera_uid' from device d, admin_states a
where a.enum_value=d.admin_state_value\G;" | /usr/BWhttpd/mysql/bin/mysql --defaults-
file=/usr/BWhttpd/mysql/ums/ums.cnf UMS
```

```
***** 1. row *****
```

```
device_name: NULL
```

```
admin_state_value: 1
```

```
admin_state_name: enabled
```

```
camera_id: 1
```

```
camera_uid: d378fcdc-c484-11e6-9453-005056af6120
```

```
***** 2. row *****
```

```
device_name: test
```

```
admin_state_value: 1
```

```
admin_state_name: enabled
```

```
camera_id: 4
```

```
camera_uid: 40927fd4-1fe6-478a-90ea-f77db216f61b
```

```
[root@Dot181 ~]#
```