

# UCSM Fault Code: F0935 : There are multiple VLANs with id [vlan id] have different accessibility configured

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## Introduction

This document explains why do we get fault *F0935* and the workaround/fix for the issue.

Fault Code: F0935: There are multiple VLANs with id [vlan id] have different accessibility configured

## Prerequisites

### Requirements

Cisco recommends that you have knowledge of these topics:

- [Understanding of VLAN permissions on UCS](#)

### Components Used

This document is not restricted to specific software and hardware versions of Cisco UCS.

## Problem

If you have multiple Named VLANs with same VLAN ID and you restrict permission of one of the named VLANs to an org or sub-org, we'll get this alarm. If there are more than one Named VLANs with same VLAN ID, all the Named VLANs (with same VLAN ID) should have same VLAN permission restrictions OR none of them should have VLAN permission restrictions.

Fault Code: F0935: There are multiple VLANs with id [vlan id] have different accessibility configured

[https://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/sw/cli/config/guide/2-1/b\\_UCSM\\_CLI\\_Configuration\\_Guide\\_2\\_1/b\\_UCSM\\_CLI\\_Configuration\\_Guide\\_2\\_1\\_chapter\\_010000.html](https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/cli/config/guide/2-1/b_UCSM_CLI_Configuration_Guide_2_1/b_UCSM_CLI_Configuration_Guide_2_1_chapter_010000.html)

**For Example:** If we have 2 named VLANs with the same VLAN ID 40 (we'll create) and you have

set permission on one of them to restrict to a specific org/sub-org.

## Created 2 Named VLANs (test-vlan and prmt-vlan) with VLAN ID "40".

```
UCSmin-B# scope eth-uplink
UCSmin-B /eth-uplink # create vlan test-vlan 40
UCSmin-B /eth-uplink/vlan* # commit-buffer
UCSmin-B /eth-uplink/vlan # exit

UCSmin-B /eth-uplink # create vlan prmt-vlan 40
UCSmin-B /eth-uplink/vlan* # commit-buffer
UCSmin-B /eth-uplink/vlan # exit
UCSmin-B /eth-uplink # show vlan
```

VLAN:

Name	VLAN ID	Fabric ID	Native VLAN	Sharing Type	Primary Vlan	Multicast Policy Name
default	1	Dual	Yes	None		
Included						
<b>prmt-vlan</b>	<b>40</b>	Dual	No	None		
Included						
<b>test-vlan</b>	<b>40</b>	Dual	No	None		
Included						

## Restricted one of the named VLAN permission to specific org "org" in our example.

```
UCSmin-B# scope org
UCSmin-B /org # create vlan-permit prmt-vlan
UCSmin-B /org* # commit-buffer

UCSmin-B /org # show vlan-permit
```

VLAN Permit:

```
Name
----
prmt-vlan
```

## **Faults are generated "There are multiple vlans with id 40 have different accessibility configured."**

```
UCSmin-B# scope org
UCSmin-B /org # create vlan-permit prmt-vlan
UCSmin-B /org* # commit-buffer

UCSmin-B /org # show vlan-permit
```

VLAN Permit:

```
Name
----
prmt-vlan
```

## Solution

**Workaround/Fix:** Either assign equal VLAN permissions restrictions or remove the restrictions from all Named VLANs with same VLAN ID. In both cases, the alarms will be cleared.

### Removing VLAN permission restrictions:

```
UCSmin-B# scope org
```

```
UCSmin-B /org # create vlan-permit prmt-vlan  
UCSmin-B /org* # commit-buffer
```

```
UCSmin-B /org # show vlan-permit
```

```
VLAN Permit:
```

```
Name
```

```
----
```

```
prmt-vlan
```

### Adding VLAN permission restrictions:

```
UCSmin-B# scope org
```

```
UCSmin-B /org # create vlan-permit prmt-vlan
```

```
UCSmin-B /org* # commit-buffer
```

```
UCSmin-B /org # show vlan-permit
```

```
VLAN Permit:
```

```
Name
```

```
----
```

```
prmt-vlan
```