

UCSM故障代码：F0935:ID为[vlan id]的多个VLAN配置了不同的可访问性

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简介

本文档说明为什么我们会收到F0935故障以及该问题的解决方法/修复。

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

先决条件

要求

Cisco 建议您了解以下主题：

- [了解UCS上的VLAN权限](#)

使用的组件

本文档不限于Cisco UCS的特定软件和硬件版本。

问题

如果您有多个具有相同VLAN ID的命名VLAN，并且您将其中一个命名VLAN的权限限制为组织或子组织，我们将收到此警报。如果有多个具有相同VLAN ID的命名VLAN，则所有命名VLAN（具有相同VLAN ID）都应具有相同的VLAN权限限制，或者它们均不应具有VLAN权限限制。

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_0100_00.html

例如:如果有2个命名VLAN，其VLAN ID 40相同（我们将创建），并且您对其中一个VLAN设置了权限以限制到特定组织/子组织。

已创建2个命名VLAN (test-vlan和prmt-vlan) , VLAN ID为“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							
prmt-vlan	40	Dual	No	None			
Included							
test-vlan	40	Dual	No	None			
Included							

在本例中，将命名VLAN权限之一限制为特定组织“org”。

```
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

系统会生成“有多个VLAN(ID 40)配置了不同的可访问性。”

```
UCSmin-B# show fault
```

Severity	Code	Last Transition Time	ID	Description
Warning	F0935	2017-09-01T02:41:34.028	4210549	There are multiple vlans with id 40 have different accessibility configured.
Warning	F0935	2017-09-01T02:41:34.028	4210550	There are multiple vlans with id 40 have different accessibility configured.

解决方案

解决方法/修复：分配相等的VLAN权限限制，或从具有相同VLAN ID的所有命名VLAN中移除限制。在这两种情况下，警报都将被清除。

正在删除VLAN权限限制：

```
UCSmin-B /org # delete vlan-permit prmt-vlan
UCSmin-B /org* # commit-buffer
UCSmin-B /org # show vlan-permit
UCSmin-B /org # top
```

```
UCSmin-B# show fault | inc vlan
Cleared F0935 2017-09-01T02:45:22.695 4210549 There are multiple vlans with id 40 have
different accessibility configured.
Cleared F0935 2017-09-01T02:45:22.695 4210550 There are multiple vlans with id 40 have
different accessibility configured.
```

添加VLAN权限限制：

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

```
UCSmin-B# show fault | inc vlan
Cleared F0935 2017-09-01T02:42:34.833 4210549 There are multiple vlans with id 40 have
different accessibility configured.
Cleared F0935 2017-09-01T02:42:34.833 4210550 There are multiple vlans with id 40 have
different accessibility configured.
```