确定NFVIS-for-UC安装量

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简介

本文档介绍确定当前安装的NFVIS-for-UC卷所需的步骤。

问题

需要确定当前安装在哪个卷上NFVIS-for-UC。

解决方案

步骤1.对主机的CIMC运行RedFish API查询，以通过https://<CIMC IP Address>/redfish/v1/Systems/<CIMC Serial Number>/Storage/MRAID/Volumes确定存在多少个虚拟驱动器

示例输出


```
{
  "@odata.id": "/redfish/v1/Systems/SERIALNUMBER/Storage/MRAID/Volumes",
  "@odata.type": "#VolumeCollection.VolumeCollection",
  "@odata.context": "/redfish/v1/$metadata#VolumeCollection.VolumeCollection",
  "Description": "Collection of Volumes for this system",
  "Name": "Volume Collection",
  "Members@odata.count": 4,
  "Members": [
    {
      "@odata.id": "/redfish/v1/Systems/SERIALNUMBER/Storage/MRAID/Volumes/0"
    },
    {
      "@odata.id": "/redfish/v1/Systems/SERIALNUMBER/Storage/MRAID/Volumes/1"
    },
    {
      "@odata.id": "/redfish/v1/Systems/SERIALNUMBER/Storage/MRAID/Volumes/2"
```

```
    },
    {
      "@odata.id": "/redfish/v1/Systems/SERIALNUMBER/Storage/MRAID/Volumes/3"
    }
  ]
}
```


步骤2.查询每个卷的API，其中Number是步骤1输出中显示的卷编号。 https://<CIMC IP Address>/redfish/v1/Systems/<CIMC Serial Number>/Storage/MRAID/Volumes/Number

VD-0的输出示例


```
... Obmitted Output ...
  "Id": "0",
  "Name": "NA",
  "Encrypted": false,
  "CapacityBytes": 1494996746240,
  "BlockSizeBytes": 512,
  "OptimumIOSizeBytes": 131072,
  "Identifiers": [
    {
      "DurableNameFormat": "UUID",
      "DurableName": "60027e370b077b003179502a9dc8b57a"
    }
  ],
  "Status": {
    "Health": "OK",
    "State": "Enabled"
  },
  "Actions": {
    "#Volume.Initialize": {
      "target": "/redfish/v1/Systems/SERIALNUMBER/Storage/MRAID/Volumes/0/Actions/Volume.Initialize",
      "InitializeType@Redfish.AllowableValues": [
        "Fast",
        "Slow"
      ]
    },
    "#Volume.CheckConsistency": {
      "target": "/redfish/v1/Systems/SERIALNUMBER/Storage/MRAID/Volumes/0/Actions/Volume.CheckConsisten
    },
    "Oem": {
      "#Cisco.StartReconstruction": {
        "target": "/redfish/v1/Systems/SERIALNUMBER/Storage/MRAID/Volumes/0/Actions/Oem/Cisco.StartReco
        "@odata.type": "#CiscoUCSExtensions.v1_0_0.StartReconstruction",
        "ReconstructionOp@Redfish.AllowableValues": [
          "add",
          "remove",
          "none"
        ]
      }
    }
  },
  "RAIDType": "RAID5",
  "Oem": {
    "Cisco": {
      "VolumeAccessPolicy": "ReadWrite",
```

```
      "RequestedWriteCachePolicy": "WriteBack",
      "ConfiguredWriteCachePolicy": "WriteBack",
      "VolumeDriveCachePolicy": "NoChange",
      "VolumeReadAheadPolicy": "ReadAhead",
      "VolumeIoPolicy": "DirectIo",
      "VolumeState": "Optimal",
      "AvailableSizeMiBytes": 0,
      "Bootable": true,
      "FullDiskEncryptionCapable": false
    }
  }
}
```

步骤3.从输出捕获中，为每个捕获的DurableName值都是UUID。

```
"Identifiers": [
    {
      "DurableNameFormat": "UUID",
      "DurableName": "60027e370b077b003179502a9dc8b57a"  <<- This is the UUID you copy
    }
```

步骤4.通过SSH或控制台连接到NFVIS-for-UC，并执行support show list-units | include Volume-UUID。

步骤5.安装NFVIS-for-UC的卷包含设备和设备分区。

安装了NFVIS-for-UC OS的卷的示例输出。

```
BE7KH2-NFVIS# support show list-units | include 60027e370b077b003179502a9dc8b57a
  dev-disk-by\x2did-scsi\x2d360027e370b077b003179502a9dc8b57a.device                loaded    active   |
  dev-disk-by\x2did-scsi\x2d360027e370b077b003179502a9dc8b57a\x2dpart1.device       loaded    active   |
  dev-disk-by\x2did-scsi\x2d360027e370b077b003179502a9dc8b57a\x2dpart2.device       loaded    active   |
  dev-disk-by\x2did-scsi\x2d360027e370b077b003179502a9dc8b57a\x2dpart3.device       loaded    active   |
  dev-disk-by\x2did-wwn\x2d0x60027e370b077b003179502a9dc8b57a.device                loaded    active   |
  dev-disk-by\x2did-wwn\x2d0x60027e370b077b003179502a9dc8b57a\x2dpart1.device       loaded    active   |
  dev-disk-by\x2did-wwn\x2d0x60027e370b077b003179502a9dc8b57a\x2dpart2.device       loaded    active   |
  dev-disk-by\x2did-wwn\x2d0x60027e370b077b003179502a9dc8b57a\x2dpart3.device       loaded    active   |
```

非NFVIS-for-UC OS安装的卷的输出示例。

```
BE7KH2-NFVIS# support show list-units | include 60027e370b077b0031790987dc596ab8
dev-disk-by\x2did-scsi\x2d360027e370b077b0031790987dc596ab8.device                loaded    active   pl
dev-disk-by\x2did-wwn\x2d0x60027e370b077b0031790987dc596ab8.device                loaded    active   pl
```

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