



CXone Mpower EXPERT

哪些条件可以触发卷的自动缩减？

https://kb-cn-stage.netapp.com/on-prem/ontap/Ontap_OS/OS-KBs/What_conditions_can_trigger_the_a...

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适用场景

- ONTAP 9
- [volume autosize](#)

问题解答

1. 必须满足以下三个条件：

- i. `-autosize-mode` 参数设置为 `grow_shrink`。
- ii. 现有卷大小大于中设置的值 `-min-autosize`。
- iii. 现有卷的利用率低于中设置的值 `-autosize-shrink-threshold-percent`。

EMS 日志示例：

```
Sun Aug 18 11:22:55 +0900 [node1: waf1_exempt05:  
waf1_vol_autoSize_done_1:notice]: params: {'event_type': 'shrink', 'vol':
```

```
'vol1', 'app': '', 'volident': '@vserver:067123ea-ae7f-11ec-bfab-xxxxxxx',
'size': '1.00GB', 'object_uuid': '4c5f7523-c120-11ec-8f5e-xxxxxxx'}
Sun Aug 18 11:25:05 +0900 [node1: wafl_exempt08:
wafl_vol_autoSize_done_1:notice]: params: {'event_type': 'shrink', 'vol':
'vol1', 'app': '', 'volident': '@vserver:067123ea-ae7f-11ec-bfab-xxxxxxx',
'size': '1.00GB', 'object_uuid': '4c5f7523-c120-11ec-8f5e-xxxxxxx'}
```

- 此外、[\[1\]](#) ONTAP 9.14.1或更高版本中的重新平衡FlexGroup卷也可能会在FlexGroup的成分卷(成分卷、CV)之间触发大小调整

EMS日志示例：

```
Sun Aug 18 12:22:10 +0900 [node1: wafl_exempt12:
fg_member_elastic_sizing_1:notice]: params: {'constituent_dsid': '1069',
'object_name': 'Flexgroup', 'current_size': '105945335', 'new_size':
'105549644', 'constituent_name': 'Flexgroup__0001(1)', 'operation':
'SHRUNK', 'partner_name': 'Flexgroup__0002', 'partner_dsid': '1070', 'size':
'390523330560', 'used': '251054518272', 'percent_full': '64', 'flexgroup_size':
'1232471814144', 'flexgroup_used': '956775694336', 'flexgroup_percent_full':
'77', 'event_time': '368946'}
Sun Aug 18 12:22:10 +0900 [node1: wafl_exempt00:
fg_member_elastic_sizing_1:notice]: params: {'constituent_dsid': '1070',
'object_name': 'Flexgroup', 'current_size': '228140101', 'new_size':
'228535792', 'constituent_name': 'Flexgroup__0002(1)', 'operation': 'GREW',
'partner_name': 'Flexgroup__0001', 'partner_dsid': '1069', 'size':
'841948483584', 'used': '705721176064', 'percent_full': '83', 'flexgroup_size':
'1232471814144', 'flexgroup_used': '956775694336', 'flexgroup_percent_full':
'77', 'event_time': '368950'}
```

追加信息

[在成功增加现有FlexGroup成分卷的大小后、FlexGroup会缩减到先前的大小](#)