



# CXone Mpower EXPERT

## 为何更改聚合跨卷实时重复数据删除设置

[https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-KBs/Why\\_aggregate\\_cross\\_volume\\_inline\\_...](https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-KBs/Why_aggregate_cross_volume_inline_...)

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### 适用场景

ONTAP 9.4或更高版本。

### 问题解答

SnapMirror中断时AFF 设置中目标RW卷的默认卷效率设置(9.4及更高版本)：

1. 卷效率状态(已启用)
2. 卷实时压缩(on)
3. 卷实时重复数据删除(启用)
4. 后台数据压缩(打开)
5. 数据缩减(启用)
6. **跨卷实时重复数据删除(启用)**
7. 跨卷后台重复数据删除(启用)
8. 策略(自动)

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例如：

The existed status for the aggregate Cross Volume Inline Deduplication:

```
cluster1::*> snapmirror show
```

Source Path	Destination Type	Mirror Path	State	Relationship Status	Progress	Total Progress	Last Healthy Updated
svm1:vol3	XDP	svm1:vol3dp	Idle	- true	-		

2 entries were displayed.

```
cluster1::*> volume efficiency show -fields cross-volume-inline-dedupe -volume vol3
vserver volume cross-volume-inline-dedupe
```

```
-----
svm1 vol3 false
```

```
cluster1::*> aggr efficiency show -aggregate aggr2
```

```
Aggregate: aggr2
Node: cluster1-02
Cross Volume Background Deduplication: true
Cross Volume Inline Deduplication: false
Has Cross Volume Deduplication Savings: true
Has Auto Adaptive Compression Savings: true
```

```
cluster1::*>
```

对vol3执行一次SnapMirror还原：

```
cluster1::*> snapmirror restore -destination-path svm1:vol3 -source-path svm1:vol3dp
```

```
Warning: All data newer than Snapshot copy
snapmirror.aalc00c8-2e93-11ed-8e6c-00a098d52e71_2161360053.2022-09-07_1
50744 on volume svm1:vol3 will be deleted.
Export policies currently enforced on the qtrees of volume "svm1:vol3"
will not change during this operation. If the currently enforced
export policies are different from those in Snapshot copy
"snapmirror.aalc00c8-2e93-11ed-8e6c-00a098d52e71_2161360053.2022-09-07_
150744", reassign the export policies of the qtrees on this volume
after this operation.
```

Do you want to continue? {y|n}: y

[Job 44] Job is queued: snapmirror restore from source "svm1:vol3dp".

cluster1::\*> snapmirror show

Source Path	Destination Type	Mirror Path	State	Mirror Relationship Status	Total Progress	Last Healthy Updated
svm1:vol3	XDP	svm1:vol3dp	Idle	- true	-	
svm1:vol3dp	RST	svm1:vol3	Queued	- true	-	

3 entries were displayed.

cluster1::\*> snapmirror show

Source Path	Destination Type	Mirror Path	State	Mirror Relationship Status	Total Progress	Last Healthy Updated
svm1:vol3	XDP	svm1:vol3dp	Idle	- true	-	
svm1:vol3dp	RST	svm1:vol3	Idle	- true	-	

3 entries were displayed.

cluster1::\*> snapmirror show

Source Path	Destination Type	Mirror Path	State	Mirror Relationship Status	Total Progress	Last Healthy Updated
svm1:vol3	XDP	svm1:vol3dp	Idle	- true	-	

2 entries were displayed.

cluster1::\*> volume efficiency show -fields cross-volume-inline-dedupe -volume vol3  
vserver volume cross-volume-inline-dedupe

svm1 vol3 true

cluster1::\*> aggr efficiency show -aggregate aggr2

Aggregate: aggr2

Node: cluster1-02

Cross Volume Background Deduplication: true

Cross Volume Inline Deduplication: true

Has Cross Volume Deduplication Savings: true

Has Auto Adaptive Compression Savings: true

cluster1::\*> event log show

Time	Node	Severity	Event
9/7/2022 15:10:29	cluster1-02	NOTICE	sm.break.enable.se: "Storage efficiency" feature has been enabled on the destination volume svml:vol3 due to a SnapMirror break operation.
9/7/2022 15:10:09	cluster1-02	INFORMATIONAL	waf1.scan.ownblocks.done: Completed block ownership calculation on volume vol3@vserver:aalc00c8-2e93-11ed-8e6c-00a098d52e71. The scanner took 1 ms.
9/7/2022 15:10:09	cluster1-02	INFORMATIONAL	waf1.vol.blks_used.done: type="Volume", owner="", vol="vol3", app="", volident="@vserver:aalc00c8-2e93-11ed-8e6c-00a098d52e71", run_time="110"
9/7/2022 15:10:09	cluster1-02	INFORMATIONAL	waf1.vol.snap_create.done: type="Volume", owner="", vol="vol3", app="", volident="@vserver:aalc00c8-2e93-11ed-8e6c-00a098d52e71", run_time="42"
9/7/2022 15:10:09	cluster1-02	DEBUG	waf1.scan.start: Starting redirect on volume vol3@vserver:aalc00c8-2e93-11ed-8e6c-00a098d52e71.
9/7/2022 15:10:09	cluster1-02	INFORMATIONAL	waf1.snaprestore.revert: Reverting volume vol3@vserver:aalc00c8-2e93-11ed-8e6c-00a098d52e71 to a previous Snapshot copy with snapid 2.

## 追加信息

[在AFF 系统上管理聚合级实时重复数据删除](#)