



## 文件系统分析概述

### ONTAP 9

Mark Forry, Amanda Stroman, Thom Illingworth, Rachel Lithman  
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# 文件系统分析概述

文件系统分析是一个用于收集和显示有 FlexGroup 或 FlexVol 卷内容的数据的框架。

文件系统分析可提供卷文件系统层次结构的信息，从而可以：

- 估算容量使用情况和
- 控制文件和目录数
- 估算文件活性和历史
- 根据显示内容采取更正操作（从 ONTAP 9.1.1 开始）

在 ONTAP 9.8 及更高版本中，可以使用 ONTAP 系统管理器显示文件系统分析数据。您可以使用 ONTAP REST API 以编程方式导出数据。

- 注：\*
- 启用文件系统分析会影响性能。如果您的环境需要最大性能，请勿启用分析。如果您的性能影响不可接受，您也可以禁用分析。禁用分析后，先前收集的卷数据将不再显示。
- 如果包含 SVM 的卷处于保护系统中的卷启用了文件系统分析，分析数据不会复制到目标 SVM。如果必须在恢复操作中重新同步源 SVM，必须在恢复后手动重新启用所需卷的分析。
- 从 ONTAP 9.1.1 开始，可以从 7-模式系统过渡的卷进行文件系统分析。尽管如此，由于文件系统分析可能会占用存储空间，因此不要在容量接近最大的已过渡卷上运行。

文件系统分析不适用于以下卷类型：

- SnapMirror 目标卷
- SnapLock 卷
- 包含 LUN 的卷
- 用于保存 SMB/CIFS 内核日志的卷
- 点根卷（/mroot）

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