



Does this v4.2-sparsefile-ops perform ALLOCATE/DEALLOCATE?

https://kb.netapp.com/on-prem/ontap/da/NAS/NAS-KBs/Does_this_v4.2-sparsefile-ops_perform_ALLO...

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Applies to

- ONTAP
- NFS

Answer

- This feature was introduced in ONTAP version 9.12.1

[NFSv4.2 sparse files and space reservation support](#)

The NFSv4.2 client is able to reserve space for a sparse file. Space can also be deallocated and unreserved from a file.

- Please note: ONTAP support full file deallocate, not partial deallocates
- Successive ONTAP releases expand support for NFSv4.2 optional features.

Beginning with... NFSv4.2 optional features include ...

- NFS extended attributes
- Sparse files
- Space reservations

ONTAP 9.12.1

- NFSv4.2 provides the ALLOCATE operation, which allows clients to pre-allocate disk space for a file without actually writing data to it.
- This helps reduce fragmentation and ensures space availability, allowing for efficient management of sparse files

Additional Information

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