

rgw - Feature #40456

rgw_file: directory enumeration can be accelerated 1-2 orders of magnitude taking stats from bucket index Part I (stats from S3/Swift only)

06/19/2019 09:43 PM - Matt Benjamin

Status: Resolved	% Done: 0%
Priority: Normal	Spent time: 0.00 hour
Assignee:	
Category:	
Target version:	
Source:	Reviewed:
Tags:	Affected Versions:
Backport: nautilus, mimic, luminous	Pull request ID: 28664
Description For objects originating in S3/Swift, it is frequently acceptable to synthesize c/mtime and size stats from meta attributes in the RGW bucket index entry. Synthetic stat behavior is not compatible with mutation of file ownership and permissions via SETATTR. In future, current xattr-based, mutable, Unix stats may be moved to the bucket index. For now, use synthetic stats only when a new option rgw_nfs_s3_fast_attrs is present.	
Related issues:	
Copied to rgw - Backport #40595: luminous: rgw_file: directory enumeration ca...	Rejected
Copied to rgw - Backport #40596: mimic: rgw_file: directory enumeration can b...	Resolved
Copied to rgw - Backport #40597: nautilus: rgw_file: directory enumeration ca...	Resolved

History

#1 - 06/19/2019 09:48 PM - Matt Benjamin

- Status changed from In Progress to Fix Under Review
- Pull request ID set to 28664

#2 - 06/28/2019 11:11 PM - Matt Benjamin

- Status changed from Fix Under Review to Pending Backport

#3 - 06/30/2019 08:43 AM - Nathan Cutler

- Copied to Backport #40595: luminous: rgw_file: directory enumeration can be accelerated 1-2 orders of magnitude taking stats from bucket index Part I (stats from S3/Swift only) added

#4 - 06/30/2019 08:43 AM - Nathan Cutler

- Copied to Backport #40596: mimic: rgw_file: directory enumeration can be accelerated 1-2 orders of magnitude taking stats from bucket index Part I (stats from S3/Swift only) added

#5 - 06/30/2019 08:44 AM - Nathan Cutler

- Copied to Backport #40597: nautilus: rgw_file: directory enumeration can be accelerated 1-2 orders of magnitude taking stats from bucket index Part I (stats from S3/Swift only) added

#6 - 01/27/2021 07:10 PM - Nathan Cutler

- Status changed from Pending Backport to Resolved

While running with --resolve-parent, the script "backport-create-issue" noticed that all backports of this issue are in status "Resolved" or "Rejected".