

31. GIẢI PHÁP-TESTING - Task #445

Test tính năng file locking trên NFS-Ganesha Server

23-01-2024 09:46 - Tùng Nguyễn

Trạng thái: Closed	Bắt đầu: 23-01-2024
Mức ưu tiên: Normal	Hết hạn: 07-06-2024
Phân công cho: Thanh Tâm Nguyễn	Tiến độ: 0%
Chủ đề:	Thời gian ước lượng: 0:00 giờ
Phiên bản:	Thời gian: 0:00 giờ

Mô tả

Yêu cầu: enable tính năng file locking

Test thủ cấu hình theo chat gpt log báo không có 2 options trên

```
NFSv4 {  
  Minor_Versions = 1,2;  
  Enable = Yes;  
  Lock = Yes;  
}
```

```
05/03/2024 09:05:19 : epoch 65e67d61 : nfs1 : ganesha.nfsd-733[Admin] destroy_fsals :FSAL :EVENT :Exports for FSAL Ceph shut down  
05/03/2024 09:05:19 : epoch 65e67d61 : nfs1 : ganesha.nfsd-733[Admin] destroy_fsals :FSAL :EVENT :Unloading FSAL Ceph  
05/03/2024 09:05:19 : epoch 65e67d61 : nfs1 : ganesha.nfsd-733[Admin] destroy_fsals :FSAL :EVENT :FSAL Ceph unloaded  
05/03/2024 09:05:19 : epoch 65e67d61 : nfs1 : ganesha.nfsd-733[Admin] do_shutdown :MAIN :EVENT :FSAL system destroyed.  
05/03/2024 09:05:19 : epoch 65e67d61 : nfs1 : ganesha.nfsd-733[main] nfs_start :MAIN :EVENT :NFS EXIT: regular exit  
05/03/2024 09:05:19 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1184[main] main :MAIN :EVENT :ganesha.nfsd Starting: Ganesha Version 3.5  
05/03/2024 09:05:19 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] nfs_set_param_from_conf :NFS STARTUP :EVENT :Configuration file successfully parsed  
05/03/2024 09:05:19 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] init_server_pkgs :NFS STARTUP :EVENT :Initializing ID Mapper.  
05/03/2024 09:05:19 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] init_server_pkgs :NFS STARTUP :EVENT :ID Mapper successfully initialized.  
05/03/2024 09:05:19 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] nfs_start_grace :STATE :EVENT :NFS Server Now IN GRACE, duration 90  
05/03/2024 09:05:19 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] nfs_lift_grace_locked :STATE :EVENT :NFS Server Now NOT IN GRACE  
05/03/2024 09:05:20 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] config_errs_to_log :CONFIG :WARN :Config File (/etc/ganesha/ganesha.conf:10): Unknown parameter (Enable)  
05/03/2024 09:05:20 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] config_errs_to_log :CONFIG :WARN :Config File (/etc/ganesha/ganesha.conf:11): Unknown parameter (Lock)  
05/03/2024 09:05:20 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] lower_my_caps :NFS STARTUP :EVENT :CAP_SYS_RESOURCE was successfully removed for proper quota management in FSAL  
05/03/2024 09:05:20 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] lower_my_caps :NFS STARTUP :EVENT :currently set capabilities are: *sp cap_sys_resource-ep  
05/03/2024 09:05:20 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] nfs_init_svc :DISP :CRIT :Cannot acquire credentials for principal nfs  
05/03/2024 09:05:20 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] nfs_init_admin_thread :NFS CB :EVENT :Admin thread initialized  
05/03/2024 09:05:20 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] nfs_rpc_cb_init_coache :NFS STARTUP :EVENT :Callback creds directory (/var/run/ganesha) already exists  
05/03/2024 09:05:20 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] nfs_rpc_cb_init_coache :NFS STARTUP :WARN :gssd_refresh_krb5_machine_credential failed (-1765328160:22)  
05/03/2024 09:05:20 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] nfs_start_threads :THREAD :EVENT :Starting delayed executor.  
05/03/2024 09:05:20 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] nfs_start_threads :THREAD :EVENT :gsh_dbusthread was started successfully  
05/03/2024 09:05:20 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] nfs_start_threads :THREAD :EVENT :admin thread was started successfully  
05/03/2024 09:05:20 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] nfs_start_threads :THREAD :EVENT :reaper thread was started successfully  
05/03/2024 09:05:20 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] nfs_start_threads :THREAD :EVENT :General fridge was started successfully  
05/03/2024 09:05:20 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] nfs_start :NFS STARTUP :EVENT :-----  
05/03/2024 09:05:20 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] nfs_start :NFS STARTUP :EVENT : NFS SERVER INITIALIZED  
05/03/2024 09:05:20 : epoch 65e67ddf : nfs1 : ganesha.nfsd-1185[main] nfs_start :NFS STARTUP :EVENT :-----
```

phần docs của ganesha trong file cấu hình không có option enable file lock

Files

next

- > RPCAL
- > SAL
- > avl
- > cidr
- > cmake
- > config_parsing
- ▼ config_samples
 - README
 - ceph.conf
 - config.txt
 - ds.conf
 - export.txt
 - ganesha.conf.example
 - gluster.conf
 - gpfs.conf
 - gpfs.ganesha.exports.conf
 - gpfs.ganesha.log.conf
 - gpfs.ganesha.main.conf
 - gpfs.ganesha.nfsd.conf
 - grafana.dashboard.json
 - kvsfs.ganesha.nfsd.conf
 - logging.txt
 - logrotate_fsal_gluster
 - logrotate_ganesha
 - lustre.conf
 - mem.conf
 - prometheus.rules.yml
 - proxy_v3.conf
 - proxy_v4.conf
 - rgw.conf
 - rgw_bucket.conf

nfs-ganesha / src / config_samples / config.txt

Code Blame 1049 lines (645 loc) · 27.1 KB

```
221
222
223 NFSV4 {}
224 -----
225
226     Graceless(bool, default false)
227
228     Lease_Lifetime(uint32, range 1 to 120, default 60)
229
230     Grace_Period(uint32, range 0 to 180, default 90)
231
232     DomainName(string, default "localdomain")
233
234     IdmapConf(path, default "/etc/idmapd.conf")
235
236     UseGetpwnam(bool, default false if using idmap, true otherwise)
237
238     Allow_Numeric_Owners(bool, default true)
239
240     Only_Numeric_Owners(bool, default false)
241
242     Delegations(bool, default false)
243
244     RecoveryBackend(enum, values [fs, fs_ng, rados_kv, rados_ng],
245                    default fs)
246
247     RecoveryRoot(path, default "/var/lib/nfs/ganesha")
248
249     RecoveryDir(path, default "v4recov")
250
251     RecoveryOldDir(path, "v4old")
252
253     Minor_Versions(enum list, values [0, 1, 2], default [0, 1, 2])
254
255     Slot_Table_Size(uint32, range 1 to 1024, default 64)
256
257     Enforce_UTF8_Validation(bool, default false)
258
259     Max_Client_Ids(uint32, range 0 to UINT32_MAX, default 0)
260
261     Server_Scope(string, default "")
262
263     Server_Owner(string, default "")
264
265     Max_Open_States_Per_Client(uint32, range 0 to UINT32_MAX, default 0)
266
267     Expired_Client_Threshold(uint32, range 0 to 256, default 16)
268
269     Max_Open_Files_For_Expired_Client(uint32, range 0 to UINT32_MAX,
270                                     default 4000)
271
272     Max_Alive_Time_For_Expired_Client(uint64, range 0 to UINT64_MAX,
273                                     default 86400)
274
```

The screenshot shows the GitHub web interface for the file `config.txt` in the `nfs-ganesha` repository. The file is 1049 lines long (645 loc) and 27.1 KB. The code editor displays the following content:

```
272 Max_Alive_Time_For_Expired_Client(uint64, range 0 to UINT64_MAX,
273                               default 86400)
274
275 EXPORT_DEFAULTS {}
276 -----
277
278 These options are all "export permissions" options, and will be
279 repeated in the EXPORT {} and EXPORT { CLIENT {} } blocks.
280
281 These options will all be dynamically updateable.
282
283 Access_Type(enum, values [None, Rn, RO, RDONLY, RDONLY_RO],
284              default None)
285
286 Protocols(enum list,
287            values [3, 4, NFS3, NFS4, V3, V4, NFSV3, NFSV4, 9P],
288              default none)
289
290 Transports(enum list, values [UDP, TCP, RDMA], default [UDP, TCP])
291
292 Anonymous_uid(anonid, range INT32MIN to UINT32MAX, default -2)
293
294 Anonymous_gid(anonid, range INT32MIN to UINT32MAX, default -2)
295
296 SecType(enum list, values [none, sys, krb5, krb5i, krb5p],
297          default [none, sys])
298
299 PrivilegedPort(bool, default false)
300
301 Manage_gids(bool, default false)
302
303 Squash(enum, values [root, root_squash, rootsquash,
304                    rootid, root_id_squash, rootidsquash,
305                    all, all_squash, allsquash,
306                    all_anonymous, allanonymous,
307                    no_root_squash, none, noidsquash],
308          default root_squash)
309
310 * Each line of defaults above are synonyms
311
312 NFS_Commit(bool, default false)
313
314 Delegations(enum, values [None, read, write, readwrite, r, w, rw],
315              default None)
316
317 -----
318 The following options are not permission options but may be set in
319 EXPORT_DEFAULTS
320
321 Attr_Expiration_Time(int32, range -1 to INT32_MAX, default 60)
322
```

Lược sử

#1 - 24-01-2024 11:47 - Ru Nguyễn

- Phân công cho gán cho Bùi Khắc Nghĩa

#2 - 05-03-2024 09:06 - Bùi Khắc Nghĩa

- Tập tin clipboard-202403050851-bfjlh.png được thêm
- Tập tin clipboard-202403050851-pnygu.png được thêm
- Tập tin clipboard-202403050859-sk1yo.png được thêm
- Tập tin clipboard-202403050859-xlang.png được thêm
- Tập tin clipboard-202403050905-nvkl0.png được thêm
- Mô tả cập nhật

#3 - 13-05-2024 09:21 - Ru Nguyễn

- Phân công cho thay đổi từ Bùi Khắc Nghĩa tới Thanh Tâm Nguyễn

#4 - 27-05-2024 10:02 - Thanh Tâm Nguyễn

- Hết hạn gán cho 07-06-2024

#5 - 07-08-2024 12:06 - Thanh Tâm Nguyễn

- Trạng thái thay đổi từ New tới Closed

Tập tin

clipboard-202403050851-bfjlh.png	11,6 KB	05-03-2024	Bùi Khắc Nghĩa
clipboard-202403050851-pnygu.png	6,05 KB	05-03-2024	Bùi Khắc Nghĩa
clipboard-202403050859-sk1yo.png	106 KB	05-03-2024	Bùi Khắc Nghĩa
clipboard-202403050859-xlang.png	105 KB	05-03-2024	Bùi Khắc Nghĩa
clipboard-202403050905-nvkl0.png	127 KB	05-03-2024	Bùi Khắc Nghĩa