

## rgw - Bug #37855

### only first subuser can be exported to nfs

01/10/2019 09:50 AM - min-sheng Lin

<b>Status:</b>	Resolved	<b>Start date:</b>	01/10/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Abhishek Lekshmanan	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	v12.2.11	<b>Spent time:</b>	0.00 hour
<b>Source:</b>		<b>Reviewed:</b>	
<b>Tags:</b>		<b>Affected Versions:</b>	
<b>Backport:</b>	luminous, mimic	<b>ceph-qa-suite:</b>	
<b>Regression:</b>	No	<b>Pull request ID:</b>	
<b>Severity:</b>	3 - minor		

#### Description

I have a s3 user with two subusers:

```
[vagrant@admin ~]$ sudo radosgw-admin user info --uid fe707977-8225-4d56-8382-42dfaa397cfc
{
  "user_id": "fe707977-8225-4d56-8382-42dfaa397cfc",
  "display_name": "MST107300",
  "email": "",
  "suspended": 0,
  "max_buckets": 1000,
  "auid": 0,
  "subusers": [
    {
      "id": "fe707977-8225-4d56-8382-42dfaa397cfc:admin",
      "permissions": "full-control"
    },
    {
      "id": "fe707977-8225-4d56-8382-42dfaa397cfc:fychao68",
      "permissions": "full-control"
    }
  ],
  "keys": [
    {
      "user": "fe707977-8225-4d56-8382-42dfaa397cfc:fychao68",
      "access_key": "2ILESNIW35DYIR8BRC8K",
      "secret_key": "v5WiTzCI0CKHnm6aVPTJbo22rmhy8r6h0yJ6mUog"
    },
    {
      "user": "fe707977-8225-4d56-8382-42dfaa397cfc",
      "access_key": "AM4J6WUHYEASJBND6IGO",
      "secret_key": "KDMh5CMsrXgiEJNnc5pN1PWqk31esNXGDA4p3ORL"
    },
    {
      "user": "fe707977-8225-4d56-8382-42dfaa397cfc:admin",
      "access_key": "KD2QF2LRSSJGAHTULF0D",
      "secret_key": "uUuIvo6AGSTPMCnmhLS2kJxdcE3VoVwQXUxUn5LD"
    }
  ],
}
```

When use following config to export s3, I got a error "Authorization Failed for user fe707977-8225-4d56-8382-42dfaa397cfc":

```
Export {
```

```

Export_ID = 55688;
Path = "/";
Pseudo = "/MST107300";
Access_Type = RW;
Protocols = 3,4;
Transports = UDP,TCP;
Squash = No_Root_Squash;
FSAL {
    Name = RGW;
    User_Id = "fe707977-8225-4d56-8382-42dfaa397cfc";
    Access_Key_Id = "AM4J6WUHYEASJBND6IGO";
    Secret_Access_Key = "KDMh5CMsrXgiEJNnc5pN1PWqk31esNXGDA4p3ORL";
}
}

RGW {
    ceph_conf = "/etc/ceph/ceph.conf";
    name = "client.admin";
    cluster = "ceph";
    init_args = "--keyring=/etc/ceph/ceph.client.admin.keyring";
#    init_args = "-d --debug-rgw=16";
}

```

```

26/12/2018 12:38:55 : epoch 5c23765f : admin : ganesha.nfsd-21680[main] create_export :FSAL :CRIT
:Unable to mount RGW cluster for /.
26/12/2018 12:38:55 : epoch 5c23765f : admin : ganesha.nfsd-21680[main] create_export :FSAL :CRIT
:Authorization Failed for user fe707977-8225-4d56-8382-42dfaa397cfc
26/12/2018 12:38:55 : epoch 5c23765f : admin : ganesha.nfsd-21680[main] mdcache_fsal_create_export
:FSAL :MAJ :Failed to call create_export on underlying FSAL RGW
26/12/2018 12:38:55 : epoch 5c23765f : admin : ganesha.nfsd-21680[main] fsal_cfg_commit :CONFIG :C
RIT :Could not create export for (/MST107300) to (/)
26/12/2018 12:38:55 : epoch 5c23765f : admin : ganesha.nfsd-21680[main] main :NFS STARTUP :WARN :N
o export entries found in configuration file !!!
26/12/2018 12:38:55 : epoch 5c23765f : admin : ganesha.nfsd-21680[main] config_errs_to_log :CONFIG
:CRIT :Config File (/etc/ganesha/ganesha.conf:9): 1 validation errors in block FSAL
26/12/2018 12:38:55 : epoch 5c23765f : admin : ganesha.nfsd-21680[main] config_errs_to_log :CONFIG
:CRIT :Config File (/etc/ganesha/ganesha.conf:9): Errors processing block (FSAL)
26/12/2018 12:38:55 : epoch 5c23765f : admin : ganesha.nfsd-21680[main] config_errs_to_log :CONFIG
:CRIT :Config File (/etc/ganesha/ganesha.conf:1): 1 validation errors in block EXPORT
26/12/2018 12:38:55 : epoch 5c23765f : admin : ganesha.nfsd-21680[main] config_errs_to_log :CONFIG
:CRIT :Config File (/etc/ganesha/ganesha.conf:1): Errors processing block (EXPORT)
26/12/2018 12:38:55 : epoch 5c23765f : admin : ganesha.nfsd-21680[main] lower_my_caps :NFS STARTUP
:EVENT :CAP_SYS_RESOURCE was successfully removed for proper quota management in FSAL

```

After deleting subuser fe707977-8225-4d56-8382-42dfaa397cfc:fychao68, I can export s3 successfully:

```

[vagrant@admin ~]$ sudo radosgw-admin subuser rm --subuser fe707977-8225-4d56-8382-42dfaa397cfc:fy
chao68
{
  "user_id": "fe707977-8225-4d56-8382-42dfaa397cfc",
  "display_name": "MST107300",
  "email": "",
  "suspended": 0,
  "max_buckets": 1000,
  "auid": 0,
  "subusers": [
    {
      "id": "fe707977-8225-4d56-8382-42dfaa397cfc:admin",
      "permissions": "full-control"
    }
  ]
},

```

```
"keys": [
  {
    "user": "fe707977-8225-4d56-8382-42dfaa397cfc",
    "access_key": "AM4J6WUHYEASJBND6IGO",
    "secret_key": "KDMh5CMsrXgiEJNnc5pN1PWqk31esNXGDA4p3ORL"
  },
  {
    "user": "fe707977-8225-4d56-8382-42dfaa397cfc:admin",
    "access_key": "KD2QF2LRSSJGAHTULF0D",
    "secret_key": "uUuIvo6AGSTPMCnmhLS2kJxdcE3VoVwQXUxUn5LD"
  }
],
```

```
26/12/2018 12:44:55 : epoch 5c2377c7 : admin : ganesha.nfsd-22268[main] main :MAIN :EVENT :ganesha.nfsd Starting: Ganesha Version 2.5.5
26/12/2018 12:44:55 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] nfs_set_param_from_conf :NFS STARTUP :EVENT :Configuration file successfully parsed
26/12/2018 12:44:55 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] init_server_pkgs :NFS STARTUP :EVENT :Initializing ID Mapper.
26/12/2018 12:44:55 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] init_server_pkgs :NFS STARTUP :EVENT :ID Mapper successfully initialized.
26/12/2018 12:44:56 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] lower_my_caps :NFS STARTUP :EVENT :CAP_SYS_RESOURCE was successfully removed for proper quota management in FSAL
26/12/2018 12:44:56 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] lower_my_caps :NFS STARTUP :EVENT :currenty set capabilities are: = cap_chown,cap_dac_override,cap_dac_read_search,cap_fowner,cap_fsetid,cap_kill,cap_setgid,cap_setuid,cap_setpcap,cap_linux_immutable,cap_net_bind_service,cap_net_broadcast,cap_net_admin,cap_net_raw,cap_ipc_lock,cap_ipc_owner,cap_sys_module,cap_sys_rawio,cap_sys_chroot,cap_sys_ptrace,cap_sys_pacct,cap_sys_admin,cap_sys_boot,cap_sys_nice,cap_sys_time,cap_sys_tty_config,cap_mknod,cap_leas,cap_audit_write,cap_audit_control,cap_setfcap+ep
26/12/2018 12:44:56 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] nfs_Init_svc :DISP :CRIT : Cannot acquire credentials for principal nfs
26/12/2018 12:44:56 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] nfs_Init_admin_thread :NFS CB :EVENT :Admin thread initialized
26/12/2018 12:44:56 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] nfs4_start_grace :STATE :EVENT :NFS Server Now IN GRACE, duration 90
26/12/2018 12:44:56 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] nfs_rpc_cb_init_ccache :NFS STARTUP :EVENT :Callback creds directory (/var/run/ganesha) already exists
26/12/2018 12:44:56 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] nfs_rpc_cb_init_ccache :NFS STARTUP :WARN :gssd_refresh_krb5_machine_credential failed (-1765328160:0)
26/12/2018 12:44:56 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] nfs_Start_threads :THREAD :EVENT :Starting delayed executor.
26/12/2018 12:44:56 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] nfs_Start_threads :THREAD :EVENT :9P/TCP dispatcher thread was started successfully
26/12/2018 12:44:56 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] nfs_Start_threads :THREAD :EVENT :gsh_dbusthread was started successfully
26/12/2018 12:44:56 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] nfs_Start_threads :THREAD :EVENT :admin thread was started successfully
26/12/2018 12:44:56 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] nfs_Start_threads :THREAD :EVENT :reaper thread was started successfully
26/12/2018 12:44:56 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] nfs_Start_threads :THREAD :EVENT :General fridge was started successfully
26/12/2018 12:44:56 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] nfs_start :NFS STARTUP :EVENT :-----
26/12/2018 12:44:56 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] nfs_start :NFS STARTUP :EVENT : NFS SERVER INITIALIZED
26/12/2018 12:44:56 : epoch 5c2377c7 : admin : ganesha.nfsd-22269[main] nfs_start :NFS STARTUP :EVENT :-----
```

**Related issues:**

Copied to rgw - Backport #38501: luminous: only first subuser can be exported...

**Resolved**

Copied to rgw - Backport #38502: mimic: only first subuser can be exported to...

**Resolved**

## History

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**#1 - 01/25/2019 09:20 AM - min-sheng Lin**

<https://github.com/ceph/ceph/pull/26130>

**#2 - 02/27/2019 03:51 PM - Nathan Cutler**

- Status changed from *New* to *Pending Backport*

- Backport set to *luminous, mimic*

**#3 - 02/27/2019 03:51 PM - Nathan Cutler**

- Assignee set to *Abhishek Lekshmanan*

**#4 - 02/27/2019 03:52 PM - Nathan Cutler**

- Copied to Backport #38501: *luminous: only first subuser can be exported to nfs added*

**#5 - 02/27/2019 03:52 PM - Nathan Cutler**

- Copied to Backport #38502: *mimic: only first subuser can be exported to nfs added*

**#6 - 03/22/2019 02:02 PM - Nathan Cutler**

- Status changed from *Pending Backport* to *Resolved*