

CephFS - Documentation #37746

Documentation # 43031 (Closed): CephFS Documentation Sprint 3

doc: how to mount a subdir with ceph-fuse/kclient

12/24/2018 10:16 AM - Марк Коренберг

Status:	Resolved	% Done:	0%
Priority:	High		
Assignee:	Jos Collin		
Category:	Administration/Usability		
Target version:	v15.0.0		
Tags:		Affected Versions:	
Backport:		Labels (FS):	task(easy)
Reviewed:		Pull request ID:	32498
Description			
I looked in these links: http://docs.ceph.com/docs/master/cephfs/fuse/ http://docs.ceph.com/docs/master/cephfs/fstab/			
But finally found that: https://forum.proxmox.com/threads/mount-cephfs-using-ceph-fuse-on-boot.23608/			
Original documentation prescribes to write "none" as the source of mounting, But actually it is parsed!			
Some parameters may be specified in the part of fstab entry signifying source of mounting (i.e. in place of "none") And other (or same set ?) can be set up as "options" part.			
So, the Documentation should describe at least these things:			
1. Options that could be passed instead of none			
2. Say exactly the preferred way of mounting subdir of CephFS using FUSE way.			

History

#1 - 12/24/2018 10:17 AM - Марк Коренберг

In order not to loose linked info from <https://forum.proxmox.com/threads/mount-cephfs-using-ceph-fuse-on-boot.23608/>, I will write it here:

working example of FSTAB entry:

```
client_mountpoint=/,id=admin,mon_host=10.0.0.126,mon_host=10.0.0.127,mon_host=10.0.0.128,key=AUTH_KEY /ceph
fuse.ceph defaults,noatime 0 0
```

#2 - 01/07/2019 10:10 PM - Greg Farnum

- Project changed from Ceph to CephFS

- Category deleted (documentation)

#3 - 01/07/2019 10:10 PM - Patrick Donnelly

- Start date deleted (12/24/2018)

- Affected Versions deleted (v14.0.0)

- Labels (FS) task(easy) added

#4 - 03/07/2019 11:22 PM - Patrick Donnelly

- Target version changed from v14.0.0 to v15.0.0

#5 - 03/07/2019 11:32 PM - Patrick Donnelly

- Target version deleted (v15.0.0)

#6 - 05/07/2019 06:40 PM - Patrick Donnelly

- Subject changed from *It's not said how to mount subdir using CephFS + FUSE* to *doc: how to mount a subdir with ceph-fuse/kclient*

- Category set to *Administration/Usability*

- Assignee set to *Patrick Donnelly*

- Priority changed from *Normal* to *High*

- Target version set to *v15.0.0*

- Backport set to *nautilus,mimic*

#7 - 11/11/2019 03:09 PM - Patrick Donnelly

- Status changed from *New* to *Rejected*

- Assignee deleted (*Patrick Donnelly*)

I believe the current documentation already shows how to mount a subdir. Please reopen if you can cite the specific problem.

#8 - 11/11/2019 03:17 PM - Марк Коренберг

No, please reopen. Nothing has been changed in that direction.

#9 - 11/11/2019 03:46 PM - Patrick Donnelly

- Status changed from *Rejected* to *New*

Okay I see. This is not addressed in

<https://github.com/ceph/ceph/pull/30754>

either. We'll work on this.

#10 - 11/26/2019 02:52 PM - Patrick Donnelly

- Assignee set to *Jos Collin*

- Backport deleted (*nautilus,mimic*)

#11 - 11/26/2019 06:42 PM - Patrick Donnelly

- Parent task set to *#43031*

#12 - 11/26/2019 06:52 PM - Patrick Donnelly

- Status changed from *New* to *In Progress*

#13 - 12/11/2019 05:28 AM - Jos Collin

Марк Коренберг wrote:

In order not to loose linked info from <https://forum.proxmox.com/threads/mount-cephfs-using-ceph-fuse-on-boot.23608/>, I will write it here:

working example of FSTAB entry:

[...]

Looks like you are talking about old format fstab. I don't find anything wrong with [1] is having 'none' at this point. However, we have a section [2], which talks about the old format fstab support.

[1] <https://docs.ceph.com/docs/master/cephfs/fuse/#persistent-mounts>

[2] <https://docs.ceph.com/docs/master/man/8/mount.fuse.ceph/#additional-info>

We don't understand why you think it's necessary to put options in the device part of the fstab. Those options were not being parsed in the usual options field of the fstab?

#14 - 12/11/2019 01:50 PM - Марк Коренберг

Well,

1. I don't consider using options in the device part. I just found a working example and wondered that there are two approaches for specifying options.
2. I still don't see documented option to specify subdir in fstab.

#15 - 12/12/2019 06:29 AM - Jos Collin

Марк Коренберг wrote:

Well,

1. I don't consider using options in the device part. I just found a working example and wondered that there are two approaches for specifying options.

While creating this doc, we have verified that this example [1] works as expected. The older format support is specified here [2].

[1] <https://docs.ceph.com/docs/master/cephfs/fuse/#persistent-mounts>

[2] <https://docs.ceph.com/docs/master/man/8/mount.fuse.ceph/#additional-info>

2. I still don't see documented option to specify subdir in fstab.

Let me check that.

#16 - 01/06/2020 12:44 PM - Jos Collin

- Pull request ID set to 32498

#17 - 01/06/2020 08:42 PM - Patrick Donnelly

- Status changed from In Progress to Resolved