

Ceph - Bug #2904

ceph-authtool: Adds keys on typos, expected error message

08/02/2012 04:09 PM - Anonymous

Status:	Resolved	Start date:	08/02/2012
Priority:	Low	Due date:	
Assignee:	Brad Hubbard	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Source:	Development	Reviewed:	
Tags:		Affected Versions:	
Backport:		ceph-qa-suite:	
Regression:		Pull request ID:	
Severity:			
Description			
<pre>\$ cat >temp.keyring <<EOF [osd.0] key = AQD0TGVNSG0jHRAASDDwan8hOOZBxxZ3aMMVdg== auid = 18446744073709551615 EOF \$./ceph-authtool temp.keyring --cap mon "allow *" --cap osd "allow *" \$ cat temp.keyring [osd.0] key = AQD0TGVNSG0jHRAASDDwan8hOOZBxxZ3aMMVdg== auid = 18446744073709551615 [client.admin] key = AAAAAAAAAAAAAAAAAA auid = 18446744073709551615 caps mon = "allow *" caps osd = "allow *"</pre>			
<p>This can hurt you either through forgetting --name=, or typing it, e.g. --name=ods.0</p>			
<p>Since I did not specify --gen-key, I expected an error message, something like:</p>			
<pre>\$./ceph-authtool temp.keyring --cap mon "allow *" --cap osd "allow *" ceph-authtool: Key does not exist: client.admin \$./ceph-authtool temp.keyring --name=ods.0 --cap mon "allow *" --cap osd "allow *" ceph-authtool: Key does not exist: ods.0</pre>			

History

#1 - 06/12/2016 02:01 AM - Brad Hubbard

- Assignee set to Brad Hubbard

#2 - 06/12/2016 09:47 AM - Brad Hubbard

This case has been resolved by a previous commit.

```
$ ./ceph-authtool /tmp/keyring --name=ods.0 --cap mon "allow *" --cap osd "allow *"
error parsing 'ods.0': expected string of the form TYPE.ID, valid types are: auth, mon, osd, mds, client
```

I have a candidate patch which produces the following for commands which previously misbehaved.

```
$ ./ceph-authtool /tmp/keyring --create-keyring --name=mon. --add-key= --cap mon 'allow *'
```

Option --add-key= requires an argument.

```
$ ./ceph-authtool /tmp/keyring --cap mon "allow *" --cap osd "allow *"  
Can't find existing key for client.admin and neither gen-key nor add-key specified
```

I think I have covered all options which can create an invalid key like "key = AAAAAAAAAAAAAAAAAA"

My patch needs a good deal of testing and then I'll submit a PR.

#3 - 06/12/2016 09:48 AM - Brad Hubbard

- *Status changed from New to Verified*

#4 - 07/07/2016 06:14 AM - Kefu Chai

- *Status changed from Verified to Resolved*

<https://github.com/ceph/ceph/pull/9704>