

mgr - Bug #40925

mgr/dashboard: Various UI issues related to CephFS

07/24/2019 01:19 PM - Volker Theile

Status:	Resolved	% Done:	0%
Priority:	Normal		
Assignee:	Volker Theile		
Category:			
Target version:	v15.0.0		
Source:	Development	Reviewed:	
Tags:		Affected Versions:	v14.2.3, v15.0.0
Backport:		ceph-qa-suite:	
Regression:	No	Pull request ID:	29272
Severity:	3 - minor	Crash signature:	

Description

Create new pools and a CephFS filesystem:

```
$ ceph osd pool create cephfs.b.data 8
$ ceph osd pool application enable cephfs.b.data cephfs
$ ceph osd pool create cephfs.b.meta 8
$ ceph osd pool application enable cephfs.b.meta cephfs
```

```
$ ceph fs flag set enable_multiple true
$ ceph fs new b cephfs.b.meta cephfs.b.data
```

- UI crashes because of accessing non-existing data:

Go to the dashboard and select the 'b' filesystem in the filesystem table.

```
zone.js:199 Uncaught TypeError: Cannot read property 'name' of undefined
    at CephfsDetailComponent.push../src/app/ceph/cephfs/cephfs-detail/cephfs-detail.component.ts.C
ephfsDetailComponent.ngOnChanges (cephfs-detail.component.ts:56)
    at checkAndUpdateDirectiveInline (core.js:22085)
    at checkAndUpdateNodeInline (core.js:23353)
    at checkAndUpdateNode (core.js:23315)
    at debugCheckAndUpdateNode (core.js:23949)
    at debugCheckDirectivesFn (core.js:23909)
    at Object.eval [as updateDirectives] (CephfsListComponent.html:9)
    at Object.debugUpdateDirectives [as updateDirectives] (core.js:23901)
    at checkAndUpdateView (core.js:23297)
```

```
48 ) {
49   this.grafanaPermission = this.authStorageService.getPermissions().grafana;
50 }
51
52 ngOnChanges() {
53   if (this.selection.hasSelection) {
54     this.selectedItem = this.selection.first();
55     const mdsInfo: any[] = this.selectedItem.mdsmap.info; mdsInfo = {}
56     this.grafanaId = Object.values(mdsInfo)[0].name;
57 }
```

- The 'Performance Details' tab is shown either no GrafanaID is set

and no graphs could be displayed. In such a case the tab shouldn't be displayed.

- The clients tab crashes when selecting filesystem 'b'.

```
{
  "status": "500 Internal Server Error",
  "detail": "
The server encountered an unexpected condition which prevented it from fulfilling the request.",
  "traceback": "Traceback (most recent call last):\n File \n
/usr/lib/python3.7/site-packages/cherrypy/_cprequest.py\n", line 628, in respond\n
    self._do_respond(path_info)\n File \n"/usr/lib/python3.7/site-packages/cherrypy/_cprequest.py\n
\n", line 687, in _do_respond\n    response.body = self.handler()\n File \n
/usr/lib/python3.7/site-packages/cherrypy/lib/encoding.py\n", line 219, in __call__\n
    self.body = self.oldhandler(*args, **kwargs)\n File \n
/usr/lib/python3.7/site-packages/cherrypy/_cptools.py\n", line 230, in wrap\n
    return self.newhandler(innerfunc, *args, **kwargs)\n File \n
/ceph/src/pybind/mgr/dashboard/services/exception.py\n", line 88, in dashboard_exception_handler\n
    return handler(*args, **kwargs)\n File \n
/usr/lib/python3.7/site-packages/cherrypy/_cpdispatch.py\n", line 54, in __call__\n
    return self.callable(*self.args, **self.kwargs)\n File \n
/ceph/src/pybind/mgr/dashboard/controllers/__init__.py\n", line 649, in inner\n
    ret = func(*args, **kwargs)\n File \n"/ceph/src/pybind/mgr/dashboard/controllers/__init__.py\n"
, line 842, in wrapper\n    return func(*vpath, **params)\n File \n
/ceph/src/pybind/mgr/dashboard/controllers/cephfs.py\n", line 38, in clients\n
    return self._clients(fs_id)\n File \n"/ceph/src/pybind/mgr/dashboard/controllers/cephfs.py\n"
, line 270, in _clients\n    status, clients = cephfs_clients.get()\n File \n
/ceph/src/pybind/mgr/dashboard/tools.py\n", line 250, in wrapper\n
    return rvc.run(fn, args, kwargs)\n File \n"/ceph/src/pybind/mgr/dashboard/tools.py\n"
, line 232, in run\n    raise self.exception\n File \n"/ceph/src/pybind/mgr/dashboard/tools.py\n"
, line 153, in run\n    val = self.fn(*self.args, **self.kwargs)\n File \n
/ceph/src/pybind/mgr/dashboard/controllers/cephfs.py\n", line 318, in get\n
    return CephService.send_command('mds', 'session ls', srv_spec='{0}:0'.format(self.fscid))\n
File \n"/ceph/src/pybind/mgr/dashboard/services/ceph_service.py\n", line 163, in send_command\n
mgr.send_command(result, srv_type, srv_spec, json.dumps(argdict), "\\")\n File \n
/ceph/src/pybind/mgr/mgr_module.py\n", line 886, in send_command\n
    self._ceph_send_command(*args, **kwargs)\n
RuntimeError: failed to send command to mds: (2) No such file or directory\n", "version": "18.1.1"
}
```

History

#1 - 07/24/2019 01:21 PM - Volker Theile

- File Auswahl_002.png added
- Description updated
- Status changed from New to In Progress

#2 - 07/24/2019 01:40 PM - Volker Theile

- Subject changed from mgr/dashboard: UI crashes when a CephFS has no mds info to mgr/dashboard: Various UI issues related to CephFS
- Description updated

#3 - 07/24/2019 01:42 PM - Volker Theile

- Description updated

#4 - 07/24/2019 01:43 PM - Volker Theile

- Description updated

#5 - 07/24/2019 02:29 PM - Volker Theile

- Pull request ID set to 29272

#6 - 07/29/2019 10:24 AM - Ricardo Marques

- Status changed from In Progress to Resolved

Files

Auswahl_002.png

25.3 KB

07/24/2019

Volker Theile