

mgr - Bug #23286

mgr: ActivePyModules::list_servers_python() returns mgr with empty hostname

03/09/2018 10:50 AM - Sebastian Wagner

Status:	Pending Backport	% Done:	0%
Priority:	Normal		
Assignee:	Chang Liu		
Category:	python interface		
Target version:			
Source:	Development	Reviewed:	
Tags:		Affected Versions:	
Backport:	luminous	ceph-qa-suite:	
Regression:	Yes	Pull request ID:	20875
Severity:	3 - minor	Crash signature:	

Description

When running a vstart.sh cluster on master at cf52fc5a, list_servers_python() returns:

```
[
  {
    "services": [
      {
        "type": "mgr",
        "id": "x"
      }
    ],
    "hostname": "",
    "ceph_version": ""
  },
  {
    "services": [
      {
        "type": "mds",
        "id": "a"
      },
      {
        "type": "mds",
        "id": "b"
      },
      {
        "type": "mds",
        "id": "c"
      },
      {
        "type": "mon",
        "id": "a"
      },
      {
        "type": "mon",
        "id": "b"
      },
      {
        "type": "mon",
        "id": "c"
      },
      {
        "type": "osd",
        "id": "0"
      }
    ],
  },
]
```

```

    {
      "type": "osd",
      "id": "1"
    },
    {
      "type": "osd",
      "id": "2"
    },
    {
      "type": "rgw",
      "id": "rgw"
    }
  ],
  "hostname": "ubuntu",
  "ceph_version": "ceph version 13.0.1-2832 .. mimic (dev)"
}
]

```

This breaks the dashboard_v2 Host tab:

37150468-113b26b8-22d2-11e8-867e-804cab4936ca.png

This is ceph mgr dump:

```

$ ceph mgr dump | jq .
2018-03-09 11:48:27.125 7fe28a849700 -1 WARNING: all dangerous and experimental features are enabled.
2018-03-09 11:48:27.177 7fe28a849700 -1 WARNING: all dangerous and experimental features are enabled.
{
  "epoch": 8,
  "active_gid": 4137,
  "active_name": "x",
  "active_addr": "192.168.178.29:6800/9933",
  "available": true,
  "standbys": [],
  "modules": [
    "balancer",
    "dashboard",
    "dashboard_v2",
    "restful",
    "status"
  ],
  "available_modules": [
    {
      "name": "balancer",
      "can_run": true,
      "error_string": ""
    },
    {
      "name": "dashboard",
      "can_run": true,
      "error_string": ""
    },
    {
      "name": "dashboard_v2",
      "can_run": true,
      "error_string": ""
    },
    {
      "name": "influx",
      "can_run": false,
      "error_string": "influxdb python module not found"
    }
  ],
}

```

```

{
  "name": "localpool",
  "can_run": true,
  "error_string": ""
},
{
  "name": "prometheus",
  "can_run": true,
  "error_string": ""
},
{
  "name": "restful",
  "can_run": true,
  "error_string": ""
},
{
  "name": "selftest",
  "can_run": true,
  "error_string": ""
},
{
  "name": "smart",
  "can_run": true,
  "error_string": ""
},
{
  "name": "status",
  "can_run": true,
  "error_string": ""
},
{
  "name": "zabbix",
  "can_run": true,
  "error_string": ""
}
],
"services": {
  "dashboard": "http://ubuntu:41116/",
  "dashboard_v2": "http://ubuntu:43116/",
  "restful": "https://ubuntu:42116/"
}
}

```

Related issues:

Related to mgr - Bug #23330: mon command "mgr metadata \$name" has inconsisten...

Pending Backport 03/13/2018

Related to mgr - Bug #41549: mgr: ActivePyModules::list_servers_python() retu...

New

Copied to mgr - Backport #39234: luminous: mgr: ActivePyModules::list_servers...

Need More Info

History

#1 - 03/09/2018 01:08 PM - Chang Liu

- Assignee set to Chang Liu

- Hello, what's your ceph version? -

Oh, sorry. it's "ceph version 13.0.1-2832 .. mimic (dev)".

#2 - 03/09/2018 01:59 PM - John Spray

- Status changed from New to 12

This bug is a result of how we populate the mgrs into DaemonState from DaemonServer::got_mgr_map without ever reading the mgr daemon metadata from the monitors. We need to do something similar to what is done for mon/osd/mds daemons from the Mgr class (MetadataUpdate etc).

#3 - 03/13/2018 11:34 AM - Jan Fajerski

I have a potential fix (updating the metadata in `DaemonServer::got_mgr_map()`) but encountered <http://tracker.ceph.com/issues/23330>.

#4 - 03/13/2018 01:56 PM - John Spray

- Related to Bug #23330: `mon` command "`mgr metadata $name`" has inconsistent argument naming added

#5 - 04/14/2018 07:15 AM - Nathan Cutler

- Backport set to `luminous`

#6 - 04/14/2018 07:15 AM - Nathan Cutler

According to [#23330-3](#) the `luminous` backport should be done as part of [#23722](#)

#7 - 11/05/2018 12:15 PM - Jan Fajerski

Was fixed here <https://github.com/ceph/ceph/pull/20875>

#8 - 03/01/2019 04:33 PM - Sebastian Wagner

- Status changed from `12` to `Closed`

#9 - 04/10/2019 11:04 PM - Nathan Cutler

- Status changed from `Closed` to `Pending Backport`

- Pull request ID set to `20875`

#10 - 04/10/2019 11:04 PM - Nathan Cutler

- Copied to Backport #39234: `luminous: mgr: ActivePyModules::list_servers_python()` returns `mgr` with empty hostname added

#11 - 08/28/2019 07:52 AM - Sebastian Wagner

- Related to Bug #41549: `mgr: ActivePyModules::list_servers_python()` returns `mds` with empty hostname added