

## Smart Proxy - Feature #6393

### Mcollective puppetrun should check status before attempting to run

06/25/2014 08:01 PM - Trey Dockendorf

<b>Status:</b> Rejected	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Puppet	
<b>Target version:</b>	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b> No	<b>Found in Releases:</b>
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	

#### Description

I ran into an issue where executing a Puppet run from the web interface that uses mcollective resulted in a not-so-obvious error that was a result of the puppet agent performing a normal run on the client.

```
D, [2014-06-25T14:46:05.462261 #3440] DEBUG -- : about to execute: /usr/bin/sudo -u foreman-proxy /usr/bin/mco puppet runonce -I <HOST>
W, [2014-06-25T14:46:07.200321 #3440] WARN -- : Non-null exit code when executing '/usr/bin/sudo-uforeman-proxy/usr/bin/mcopuppetrunonce-I<HOST>'
```

```
E, [2014-06-25T14:46:07.203433 #3440] ERROR -- : Failed puppet run: Check Log files
```

Running again a few seconds later succeeded. The failure was due to the agent applying the catalog, so the mco puppet command failed.

Checking the status could be done by a means such as :

Agent not applying:

```
$ mco rpc puppet --json status -I <HOST>
[
  {
    "action": "status",
    "sender": "<HOST>",
    "data": {
      "applying": false,
      "status": "stopped",
      "lastrun": 1403725979,
      "idling": false,
      "since_lastrun": 350,
      "message": "Currently stopped; last completed run 5 minutes 50 seconds ago",
      "daemon_present": false,
      "enabled": true,
      "disable_message": ""
    },
    "statuscode": 0,
    "statusmsg": "OK",
    "agent": "puppet"
  }
]
```

Agent applying:

```
$ mco rpc puppet --json status -I <HOST>
```

```
[
  {
    "action": "status",
```

```
"sender": "brazos-wiki.brazos.tamu.edu",
"data": {
  "applying": true,
  "status": "applying a catalog",
  "lastrun": 1403725979,
  "idling": false,
  "since_lastrun": 454,
  "message": "Currently applying a catalog; last completed run 7 minutes 34 seconds ago",
  "daemon_present": false,
  "enabled": true,
  "disable_message": ""
},
"statuscode": 0,
"statusmsg": "OK",
"agent": "puppet"
}
```

That output could be very useful to ensuring a Puppet run from the smart-proxy is possible. The same JSON output could be useful when checking for success during the actual 'runonce' command.

## History

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### #1 - 06/26/2014 04:02 PM - Dominic Cleal

- Category set to Puppet

### #2 - 01/10/2022 02:02 PM - Ewoud Kohl van Wijngaarden

- Status changed from New to Rejected

The mcollective support has been dropped.