

## Dashboard - Feature #40907

### mgr/dashboard: REST API improvements

07/23/2019 07:00 PM - Ernesto Puerta

<b>Status:</b> New	<b>% Done:</b> 57%
<b>Priority:</b> Normal	
<b>Assignee:</b> Ernesto Puerta	
<b>Category:</b> General - Back-end	
<b>Target version:</b>	
<b>Source:</b>	<b>Reviewed:</b>
<b>Tags:</b>	<b>Affected Versions:</b>
<b>Backport:</b>	<b>Pull request ID:</b>
<b>Description</b> Epic tracker issue to collect all features/fixes to improve status of REST API. <a href="#">REST Standards</a>	
<b>Subtasks:</b>	
Feature # 24763: mgr/dashboard: Automatic generation of REST API documentation based on...	<b>Resolved</b>
Feature # 35949: mgr/dashboard: Add pass-through MON-commands to REST API	<b>New</b>
Subtask # 39668: mgr/dashboard: REST API: improve query syntax: pagination, filtering, ...	<b>New</b>
Bug # 40027: mgr/dashboard: REST API: OpenAPI docs require internet connection	<b>Closed</b>
Tasks # 40767: mgr/dashboard: Document all REST API endpoints	<b>Resolved</b>
Feature # 40909: mgr/dashboard: REST API versioning	<b>Resolved</b>
Bug # 50855: mgr/dashboard: API Version changing doesnt affect to pre-defined methods	<b>Resolved</b>
Feature # 40911: mgr/dashboard: REST API: review endpoints and semantics	<b>New</b>
Feature # 40912: mgr/dashboard: REST API: review caching	<b>New</b>
Feature # 40913: mgr/dashboard: REST API: HATEOAS support (linking)	<b>New</b>
Feature # 40914: mgr/dashboard: REST API: security	<b>Resolved</b>
Bug # 41060: mgr/dashboard: REST API returns 500 when no Content-Type is specified	<b>Resolved</b>
Cleanup # 42514: mgr/dashboard: REST API: express RBD hierarchies (pool > namespace > i...	<b>New</b>
Bug # 43165: mgr/dashboard: remove `/api/orchestrator/<resource>` endpoints if possible	<b>Resolved</b>
Bug # 44013: mgr/dashboard: current REST API flaws	<b>New</b>
Subtask # 45957: Fix broken UiApi documentation endpoints and add warning	<b>Resolved</b>
Subtask # 46160: Address API inconsistencies in cephfs endpoint	<b>Resolved</b>
Subtask # 46181: Consolidate OSD mark endpoints	<b>Resolved</b>
Subtask # 46236: Move performance counters to their corresponding resources	<b>New</b>
Bug # 44611: mgr/dashboard: REST API Docs state that the API is un-official and non-stable	<b>New</b>
Cleanup # 45822: mgr/dashboard: minimize Back-end API Test console output/log traces	<b>Resolved</b>
Cleanup # 45823: mgr/dashboard: pipeline Back-end API Tests	<b>New</b>
Cleanup # 45828: mgr/dashboard: move back-end API tests to tox	<b>In Progress</b>
Documentation # 45863: mgr/dashboard: generate and publish REST API document for backend	<b>Resolved</b>
Cleanup # 45901: mgr/dashboard/api: reach 100% test coverage in API controllers	<b>Resolved</b>
Feature # 46501: mgr/dashboard: evaluate FastAPI	<b>New</b>
Cleanup # 46898: mgr/dashboard/api: move/create OSD histogram in separate endpoint	<b>Resolved</b>
Tasks # 47066: mgr/restful: Deprecate the "restful" module in favor of the Ceph Dashboa...	<b>In Progress</b>
Tasks # 47067: mgr/restful: communicate the deprecation of the restful module in favor ...	<b>In Progress</b>
Tasks # 47108: mgr/restful: Document deprecation of the restful module in favor of the ...	<b>New</b>
Cleanup # 47071: mgr/dashboard/api: review PUT methods	<b>New</b>
Feature # 47615: mgr/dashboard: api doc: fix endpoint responses doc generation.	<b>Resolved</b>
Bug # 52480: mgr/dashboard: make modified API endpoints backward compatible	<b>Resolved</b>
Cleanup # 52589: mgr/dashboard: clean up controllers	<b>Resolved</b>

**Related issues:**

Related to Dashboard - Bug #36453: mgr/dashboard: Some REST endpoints grow li...

**New****History****#1 - 07/30/2019 09:47 AM - Ernesto Puerta***- Description updated***#2 - 04/13/2020 12:19 PM - Ernesto Puerta***- Related to Bug #36453: mgr/dashboard: Some REST endpoints grow linearly with OSD count added***#3 - 08/21/2020 12:23 PM - Lenz Grimmer***- Related to Tasks #47066: mgr/restful: Deprecate the "restful" module in favor of the Ceph Dashboard REST API added***#4 - 04/22/2021 11:27 AM - Ernesto Puerta***- Project changed from mgr to Dashboard**- Category changed from 146 to General - Back-end*