# Dashboard - Feature #26872

**mgr/dashboard Add refresh interval to the dashboard landing page**

08/07/2018 05:08 AM - Paul Cuzner

<table>
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<td>Priority:</td>
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<tr>
<td>Assignee:</td>
<td>Dan Guo</td>
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</tr>
<tr>
<td>Category:</td>
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<td>Backport:</td>
<td>nautilus</td>
<td>Pull request ID: 26396</td>
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**Description**
The Dashboard landing page has a hard coded refresh interval of 5s. To allow user flexibility and potential reduce load is may be worthwhile to add a pulldown widget on the landing page to offer the admin different refresh cycles; 5s, 10s, 15s, 30s for example.

**Related issues:**
- Related to Dashboard - Feature #37622: mgr/dashboard: Tunable refresh interval
  ![Dropdown with options](dropdown.png)
  ![Select option](select.png)
- Copied to Dashboard - Backport #38988: nautilus: mgr/dashboard Add refresh in...
  ![File dropdown.png](file.png)
  ![File select.png](file.png)

**History**

1. **#1 - 01/23/2019 11:16 AM - Dan Guo**
   - File dropdown.png added
   - File select.png added

   Hi,
   I have made two kinds of implementations for this feature.

   **Dropdown:**
   ![Dropdown with options](dropdown.png)

   **Select:**
Attach are screenshots of my implementation, and I can't figure out which one is better. Or maybe someone can have a better solution. I will very happy to hear from anyone.

#2 - 01/24/2019 02:18 PM - Lenz Grimmer
- Category changed from dashboard/general to dashboard/usability
- Tags changed from dashboard, landing-page to dashboard, landing-page, low-hanging-fruit

Hi Dan,

thanks a lot for looking into this!

Dan Guo wrote:

I have made two kinds of implementations for this feature. Attach are screenshots of my implementation, and I can't figure out which one is better. Or maybe someone can have a better solution. I will very happy to hear from anyone.
If it's just for the landing page, I'd be more in favor of using the selection (second option), as long as it's not increasing the required screen real estate (e.g. the landing page still fits on a HD screen).

#3 - 01/24/2019 02:40 PM - Laura Paduano

Lenz Grimmer wrote:

Hi Dan,

thanks a lot for looking into this!

Dan Guo wrote:

I have made two kinds of implementations for this feature.
Attach are screenshots of my implementation, and I can't figure out which one is better. Or maybe someone can have a better solution.
I will very happy to hear from anyone.

If it's just for the landing page, I'd be more in favor of using the selection (second option), as long as it's not increasing the required screen real estate (e.g. the landing page still fits on a HD screen).

Hi Dan, hi Lenz,
I'm also in favor of using the "refresh interval" dropdown within the landing page (second suggestion).

#4 - 01/24/2019 02:44 PM - Ricardo Marques

Lenz Grimmer wrote:

Hi Dan,

thanks a lot for looking into this!

Dan Guo wrote:

I have made two kinds of implementations for this feature.
Attach are screenshots of my implementation, and I can't figure out which one is better. Or maybe someone can have a better solution.
I will very happy to hear from anyone.
If it's just for the landing page, I'd be more in favor of using the selection (second option), as long as it's not increasing the required screen real estate (e.g. the landing page still fits on a HD screen).

I also prefer the second option, but isn't this the same interval used in the summary service (for instance, to refresh the running tasks list)? If no, +1 for the second option.

Also, note that after PR [https://github.com/ceph/ceph/pull/25583](https://github.com/ceph/ceph/pull/25583) is merged, we have another hard-coded refresh interval for grafana here: [https://github.com/ceph/ceph/pull/25583/files#diff-da72f1ab6b28cc09f4c431d96a1ca7b3R212](https://github.com/ceph/ceph/pull/25583/files#diff-da72f1ab6b28cc09f4c431d96a1ca7b3R212)

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**#5 - 01/24/2019 07:13 PM - Ju Lim**

If refresh is only for the landing page, then the +1 on the second option and not the same interval used in the summary service which Ricardo mentioned above. If we go with second option, could we shorten the label to "Refresh" (vs. "Refresh interval")?

**#6 - 01/28/2019 10:25 AM - Dan Guo**

- File new.png added

Ricardo Marques wrote:

If it's just for the landing page, I'd be more in favor of using the selection (second option), as long as it's not increasing the required screen real estate (e.g. the landing page still fits on a HD screen).

I also prefer the second option, but isn't this the same interval used in the summary service (for instance, to refresh the running tasks list)? If no, +1 for the second option.

Also, note that after PR [https://github.com/ceph/ceph/pull/25583](https://github.com/ceph/ceph/pull/25583) is merged, we have another hard-coded refresh interval for grafana here: [https://github.com/ceph/ceph/pull/25583/files#diff-da72f1ab6b28cc09f4c431d96a1ca7b3R212](https://github.com/ceph/ceph/pull/25583/files#diff-da72f1ab6b28cc09f4c431d96a1ca7b3R212)

Hi,

After I investigated the mechanism of all the components(not only the dashboard landing page, but also some list table pages) that need a refresh interval, I think we should better provide the function of change the refresh interval as a service, and that is what I did. So, My implementation is creating a refresh-selector component that can store the new interval in 'localStorage' object variable, and creating a refresh-interval service with an interface that can return the refresh interval. If there is anyone component need to change interval, it just needs to import the service and use that interface. So, the summary service still has its own refresh interval without import the service.

That is mean, changing interval in the dashboard landing page, all components that use the refresh-interval service to instruct interval will be using new interval.

By the way, About the screen estate of the refresh interval selection, Pls see the new attach that is a whole screenshot of my ceph dashboard page, is it good for the requirements?
Ju Lim wrote:

If refresh is only for the landing page, then the +1 on the second option and not the same interval used in the summary service which Ricardo mentioned above. If we go with second option, could we shorten the label to "Refresh" (vs. "Refresh interval").

Thanks for reply,
I also change the 'Refresh interval' to 'Refresh', Pls see new attach.

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#8 - 02/12/2019 09:26 AM - Ernesto Puerta

- Related to Feature #37622: mgr/dashboard: Tunable refresh interval added

#9 - 02/12/2019 10:24 AM - Lenz Grimmer

![Ceph Dashboard Screenshot]

Sorry for the late reply and thanks for updating your proposal. Looks good to me! What interval times will be selectable? I wonder if we should offer a range between 5s to 5mins? How about the following: 5s, 10s, 30s, 1min, 3min, 5min? Would you mind submitting a PR for this?
#10 - 02/13/2019 10:05 AM - Dan Guo
PR: https://github.com/ceph/ceph/pull/26396

#11 - 02/13/2019 10:31 AM - Volker Theile
- Pull request ID set to 26396

#12 - 02/15/2019 08:56 AM - Lenz Grimmer
- Status changed from New to Fix Under Review
- Assignee set to Dan Guo

#13 - 03/26/2019 12:42 PM - Lenz Grimmer
- Status changed from Fix Under Review to Pending Backport
- Backport set to nautilus

#14 - 03/27/2019 04:26 PM - Nathan Cutler
- Copied to Backport #39988: nautilus: mgr/dashboard Add refresh interval to the dashboard landing page added

#15 - 04/04/2019 01:54 PM - Tatjana Dehler
- Status changed from Pending Backport to Resolved

#16 - 04/15/2021 05:25 PM - Ernesto Puerta
- Project changed from mgr to Dashboard
- Category changed from dashboard/usability to UX

Files

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