

Admin console

Interaction Design

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OPENSIFT
origin

About this document

This document contains ideas for Admin console feature of OpenShift.

These exploratory wireframes are intended only to support the conversation about user stories agreed upon by Eng and PM. These wireframes do not indicate any specific implementation intent.

Project vision [DRAFT]

What are we trying to accomplish?

- Provide critical information to administrators of OpenShift, so that they can more effectively plan capacity, track user activity, find errors, and perform other common administrative tasks.

Where can I find additional information and user stories?

- <https://github.com/openshift/openshift-pep/blob/master/openshift-pep-001.md>
- <http://etherpad.corp.redhat.com/openshift-admin-console-user-stories>

Document Change History

Date	Version Number	Author	Change Notes	Document Status
08-23-2013	0.4	Emily Dirsh	Suggestions revision	Draft
08-16-2013	0.3	Emily Dirsh	Suggestion layout and interaction design	Draft
07-23-2013	0.2	Emily Dirsh	Revised capacity planning section based on email feedback	Draft
07-09-2013	0.1	Emily Dirsh	Reworked topology/capacity planning section to reflect better understanding of requirements	Draft

OPENSIFT ORIGIN Administration Console

OverviewSearchStatsSuggestions (5)

Usersearch by id

OPENSIFT ORIGIN Administration Console

1

IMPORTANT SUGGESTION: Lorem ipsum dolor sit amet, consectetur adipiscing olor sit elit... and two more >

2

System Capacity

Small gears

48

125,446

288,000

usage by district

205

17,147

18,450

usage by node

Medium gears

2

692

12,000

usage by district

13

399

520

usage by node

Large gears

31

33,356

186,000

usage by district

31

794

95,232

usage by node

5

Suggestions

Add gear capacity >

Small gear profile

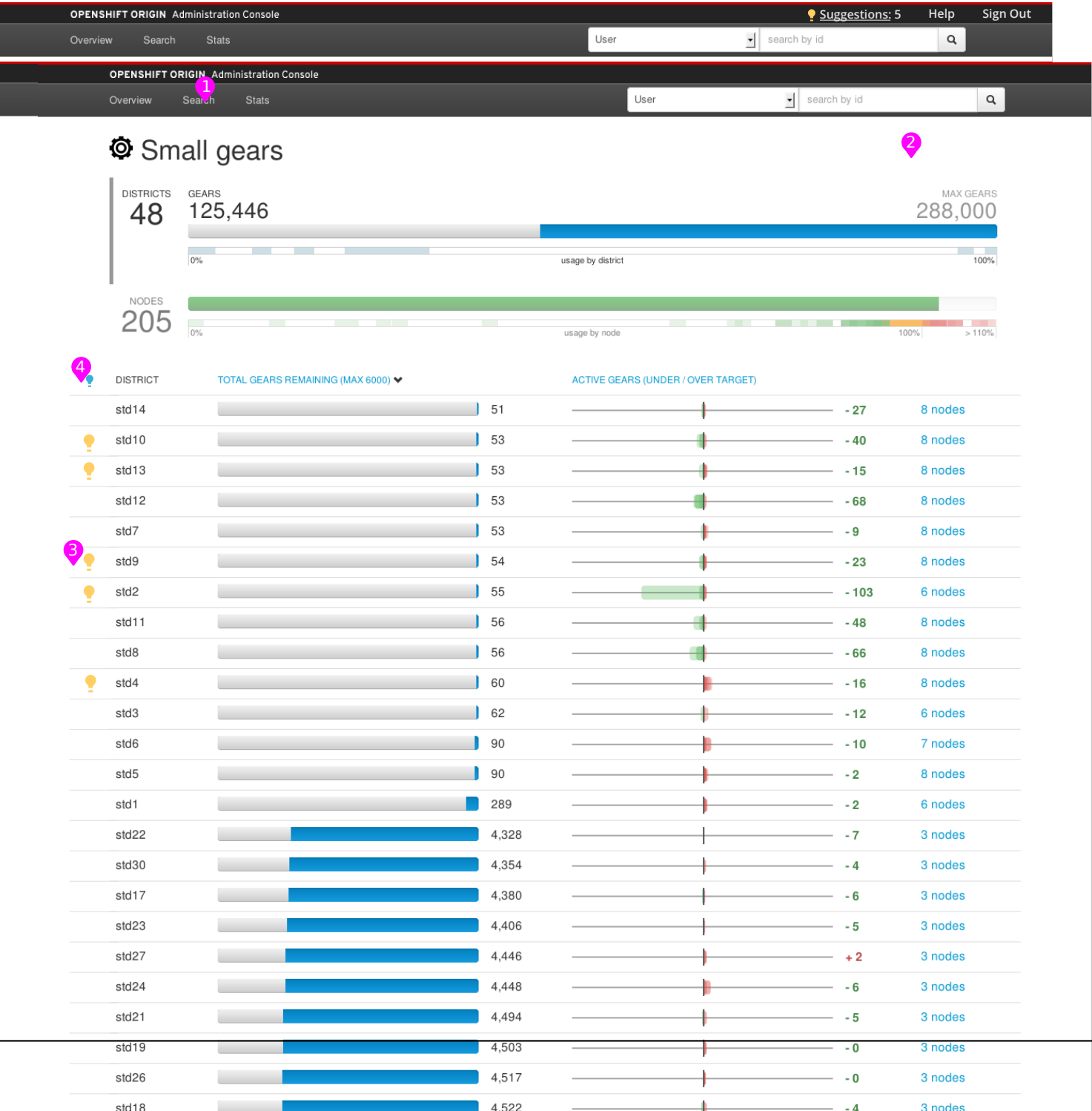
Add node capacity >

Small: std 3, Small: std6, Small: std 7, Small: std 28, and 7 more

Suggestions - System capacity page

The system capacity page can show system-level suggestions and gear profile level suggestions.

- Any system-level suggestions deemed important will show up as a highly visible message at the top of the content. The suggestion text will be shown, but ellipsized after a certain length and link to the full text.
- More than one important suggestion causes an addendum linking to the other messages.
- Active suggestion count is displayed next to the Suggestion navigation.
- Gear profile level suggestions are indicated next to the profile title, and important suggestions are called out separately. Further information is shown on the gear profile page. if there are no suggestions, no indicator is shown.
- Suggestions are displayed beneath the capacity meters. This way they're on the page and easily accessible, but don't take away space or focus from the capacity meters.



Suggestions - Gear profile page

The gear profile page shows the gear profile level suggestions and any district or node level suggestions. Node suggestions are displayed in the same way as district suggestions

- 1

Any important gear profile level suggestions are displayed as highly visible messages at the top of the page - exactly how important system-level messages are displayed on the system capacity page.
- 2

Other suggestions are indicated at the top, to the right of the page title and link to the listing of suggestions for the gear profile. The indicator has a tooltip (not shown) which summarizes the suggestions.
- 3

District-level suggestions are indicated in their own column, the indicator links to the listing for that suggestion, and has a tooltip (not shown) with the suggestion.
- 4

The suggestion column is sortable so it's easy to locate districts with suggestions.

Suggestions

1 Active (5) Inactive (3)

Show suggestions for: System (2) All Important 2

3 ! Missing nodes System, Small gear profile, Large gear profile 4
Some nodes are not responding

The following nodes did not return a response during the last health check (10 minutes ago):

ext-std-node-61.prod.rhcloud.com
ext-std-node-245.prod.rhcloud.com
ext-std-node-78.prod.rhcloud.com
ext-std-node-181.prod.rhcloud.com
ext-std-node-55.prod.rhcloud.com
ext-std-node-2.prod.rhcloud.com

Solution

- 1. Check that the node is active and able to connect to the network
- 2. Check that the node's IP address has not changed
- 3. Check that the node is not the victim of a DDoS attack

5 Don't show this suggestion again for: 1 week X Dismiss suggestion

Fix config value System
Some configuration values do not make sense

Suggestions listing

This page displays suggestions, and is where all currently active suggestions can be viewed in their entirety. Although it's possible for users to navigate directly to this page, it's more likely they'll come here from a link in the capacity view, which should indicate a pre-determined level of filtering. For example, if they click on the gear profile suggestion indicator, they will see a prefiltered list of suggestions for just that gear profile.

- 1 Active and inactive suggestions are separated by tabs, total counts are included on each tab.
- 2 Suggestions are able to be filtered based on the entity to which they are attached, as well as whether or not they are important
- 3 An icon indicates whether or not a suggestion is important, and important suggestions are listed first.
- 4 Since they are potentially very long, explanations are shown abridged by default, and are expandable by clicking anywhere on the suggestion. A small icon provides a click target and an indicator as to whether an explanation is expanded or not.

When abridged, the name, short description, and applicable entities are shown. If filtered, the filtered entity is highlighted in the list.

When expanded, the long description, suggested solutions, and the dismissal option are shown.
- 5 The dismissal option allows users to prevent a particular suggestion from being displayed for a specified period of time. One possible option is 'forever.' This gives the user some control over the suggestions they see, and prevents user frustration over 'spam' suggestions.

Suggestions

Active (5)

Inactive (3)

Fix config value

Some configuration values do not make sense

Not configured

1



Fix config value

Some configuration values do not make sense

Not triggered

2

Fix config value

Some configuration values do not make sense

Not triggered

Suggestions listing - inactive

This page displays inactive suggestions - both those that are not currently triggered, and those that have not been configured

- 1 Unconfigured suggestions are expandable - when expanded they display configuration instructions.
- 2 Untriggered suggestions don't expand.