


2.1 IPA Enhancement Recommendations

Main List pages – After a series of user tests it was deemed that the action panel was not effective for showing the facets of each entity. The users would naturally go right to the entity name for additional details. The point of the action panel was to give the users a quick link to the entity facets. We can accomplish the same thing while eliminating ambiguity and confusion by using a hover state.

There is also a categorized search available in the main navigation. This should access all search points. This allows the user to move forward at any time from any screen.

The screenshot displays the 'FREE IPA' web interface. At the top, a green header bar contains the 'FREE IPA' logo on the left and 'Logged In As: Administrator' on the right. Below the header, a navigation bar features three tabs: 'Identity' (selected), 'Policy', and 'Server'. To the right of these tabs is a search bar labeled 'Search IPA'. Under the 'Identity' tab, a sub-navigation bar includes links for 'Users', 'User Groups', 'Hosts', 'Host Groups', 'Net Groups', and 'Services'. The main content area is titled 'USERS' and includes '+ Add' and 'x Remove' buttons. A search bar labeled 'Search Users' is positioned to the right of the title. Below the title is a table with the following columns: 'USER LOGIN', 'FULL NAME', 'UID', 'TITLE', 'EMAIL', and 'PHONE'. The table contains 20 rows of user data, alternating between 'admin' and 'kfrog' logins. At the bottom of the table, there is a 'Show' button with a dropdown menu set to '100' and a pagination bar showing '1 to 78 of 78 Results' with page numbers 1, 2, 3, ..., 10, and a 'next' button.

	USER LOGIN	FULL NAME	UID	TITLE	EMAIL	PHONE
<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin 1a	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589

<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin 1a 	Administrator	444194797	Boss	admin@admin.com	978 458 4589
ADMIN 1A IS A MEMBER OF THESE: User Groups (8) Netgroups (13) Roles (1)						
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589

FREE IPA

Logged In As: Administrator

Identity

Policy

IPA Server

Users

User Groups

Hosts

Host Groups

Net Groups

Services

Search IPA

USER: ADMIN 1A

[BACK TO RESULTS](#) Admin 1a

ADMIN 1A IS A MEMBER OF THESE:

Profile Settings

User Groups (8)

Netgroups (13)

Roles (1)

IDENTITY SETTINGS

[Collapse All](#)

User Login:

admin

Full Name:

Administrator

Undo

UID:

444194797

Title:

Boss

Email:

admin@admin.com

Phone:

978 458 4589

Cancel

Save

ACCOUNT SETTINGS

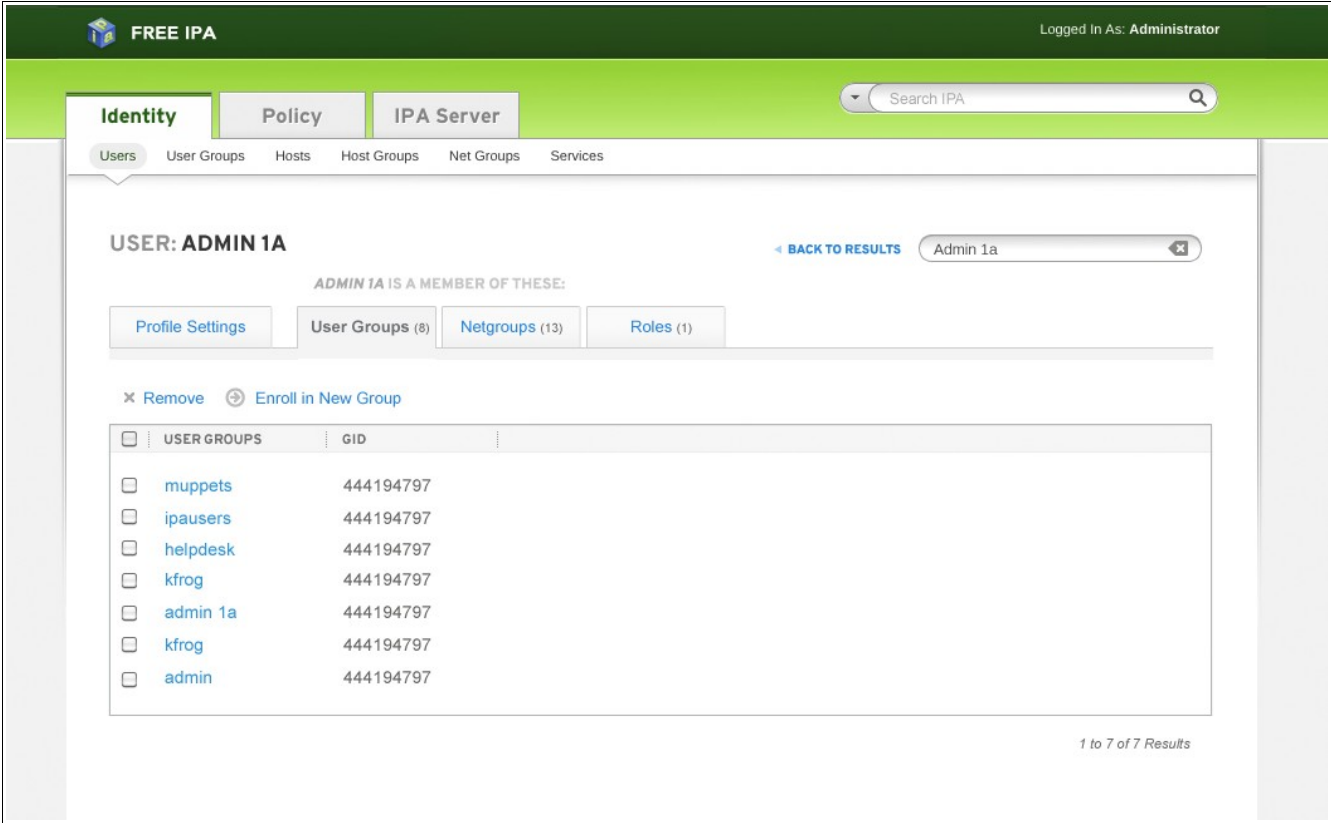
[Back to top](#)

Account Disabled:

Active

Deactivate

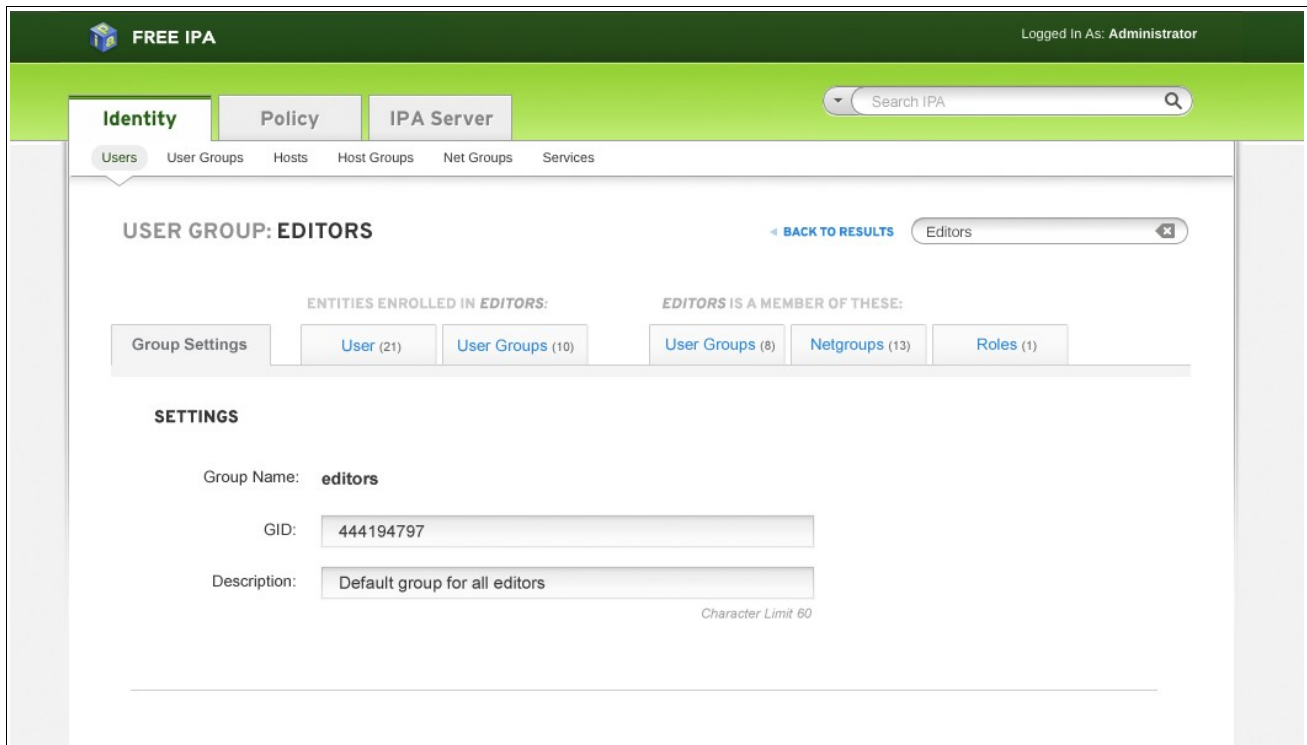
Entity Facet list – This still works the same as 2.0. The difference is you access the facet through the tabs instead of the AP. The users are confused by the term enroll. Adding context sensitive buttons help to provide a frame of reference.



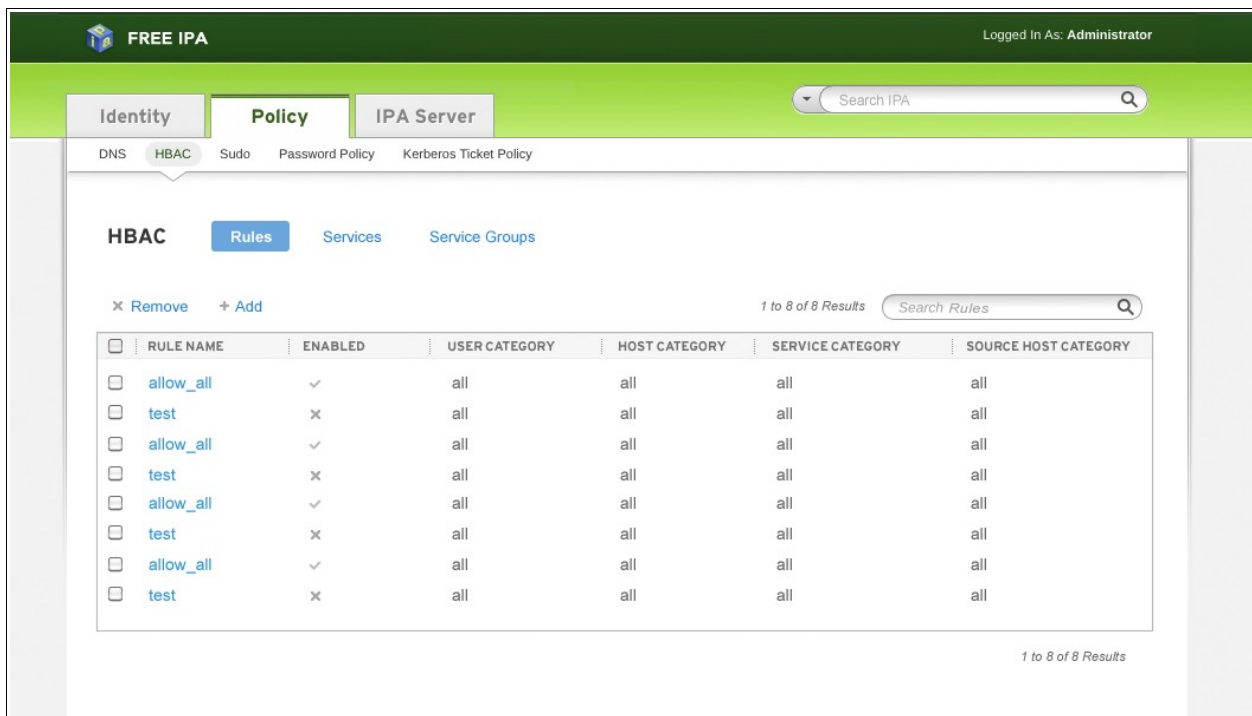
Entity Hover State with nested facets (User Groups) - The facets show how many entities are under each to give the user a better idea what type of results they will get. This functions the same as entities with non-nested facets but they are stacked in this case. The description of the facets will contain the entity name to make the context of the facets very clear.

<input type="checkbox"/>	admins	444194797	Account administrators group
<input type="checkbox"/>	ipausers	444194797	Default group for all users
<input type="checkbox"/>	editors	444194797	Limited admins who can edit other users
ENTITIES ENROLLED IN EDITORS: User (21) User Groups (10)			
EDITORS IS A MEMBER OF THESE: User Groups (8) Netgroups (13) Roles (1)			
<input type="checkbox"/>	monsters	444194797	Monsters on Sesame Street

Entity profile with nested facets (User Groups) – This functions the same as the entity profiles without nested tabs. Users are able to see the amount of entities in each facet in the tabs. The tabs for the nested facets appear to the right of the members in facets.



Second level menu (ex. HBAC) – The 2nd level AP has another level of abstraction with the multiple pages under one heading. The menus and search feature is the same the aspect that will change is the page handling. This will simply be handled by having page links to the right of the HBAC header. This will remain consistent under all HBAC pages.



Second level entity profile – Before when clicking on the entity you were taken to one page with all of the aspects of the rule on that one scrolling page. These have been separated to give the users an idea of the second level entities facets. This functions the same as the regular entity facets.

The screenshot shows the FreeIPA web interface. The top navigation bar includes 'Identity', 'Policy', and 'IPA Server'. The 'Policy' tab is active, and the 'HBAC' sub-tab is selected. The main content area displays the configuration for a rule named 'TEST1234'. The 'RULE SETTINGS' section has tabs for 'General', 'Who', 'Accessing', 'Via Service', and 'From'. The 'General' tab is active, showing the 'Rule Status' as 'Active' (indicated by a green checkmark and a radio button), the 'Rule Type' as 'Allow' (indicated by a green checkmark and a radio button), and a 'Description' field containing the text 'This is the pr'. A 'BACK TO RESULTS' link and a search box containing 'Admin 1a' are also visible.

Second level entity profile facets – This functions the same as the regular entity profile facets.

This screenshot shows the 'Who' facet of the 'TEST1234' rule configuration. The 'User category the rule applies to:' section has two radio buttons: 'Anyone' and 'Specified Users and Groups'. The 'Specified Users and Groups' option is selected. Below this, there are two tables for selecting users and groups. The first table, titled 'USERS', has columns for 'USERS' and 'UID'. It lists 'admin' and 'test' with their respective UIDs (444194797). The second table, titled 'USER GROUPS', has columns for 'USER GROUPS' and 'GID'. It lists 'editors' with its GID (444194797). Both tables have 'Remove' and 'Add' links above them.

USERS	UID
<input type="checkbox"/> admin	444194797
<input type="checkbox"/> test	444194797

USER GROUPS	GID
<input type="checkbox"/> editors	444194797

Button redesign -

Multiple button-states will add another level of interactivity to the UI. The new design will maintain interactive and visual consistency across all of our products.

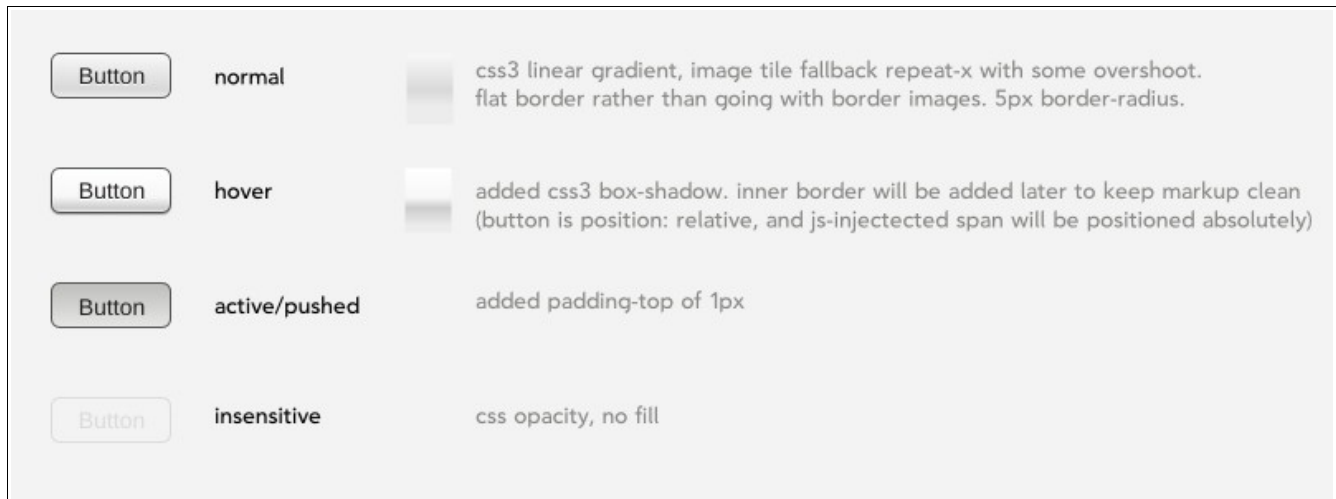
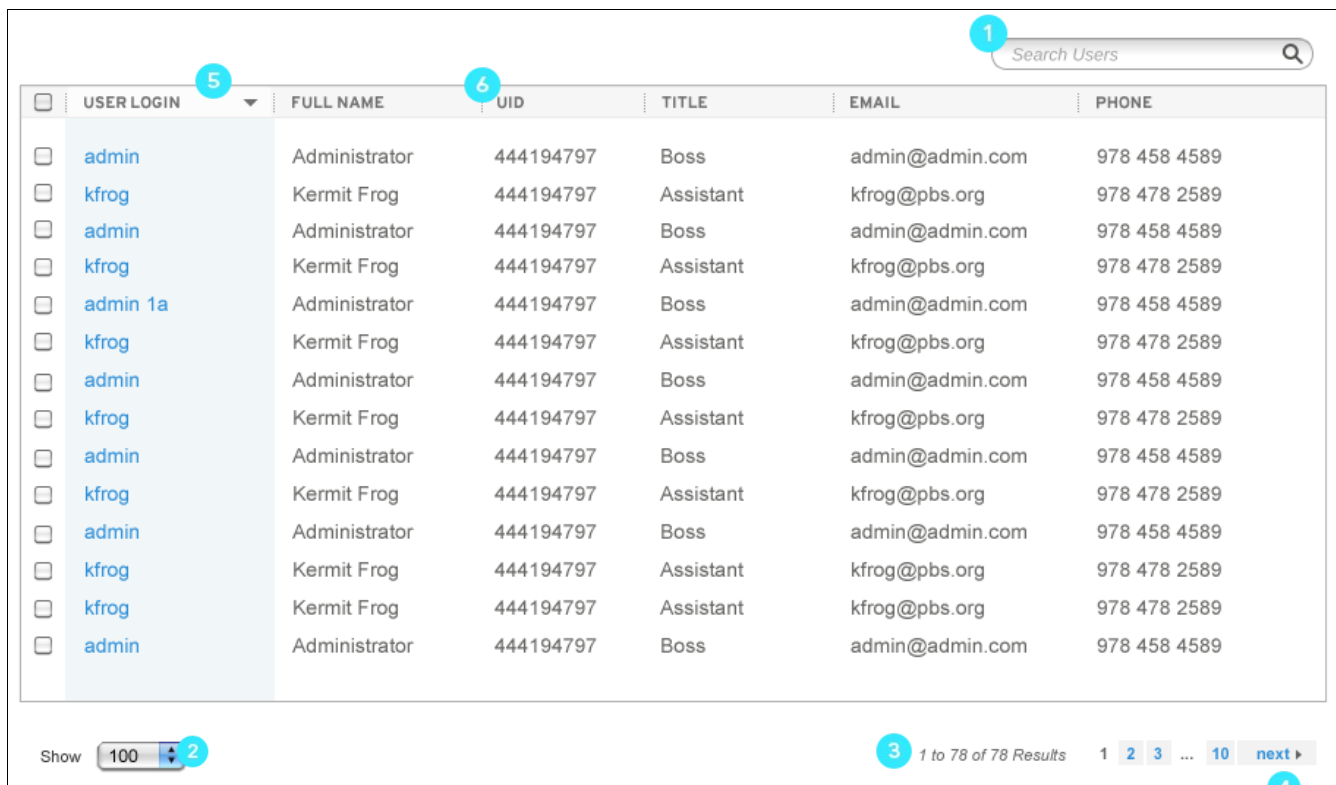


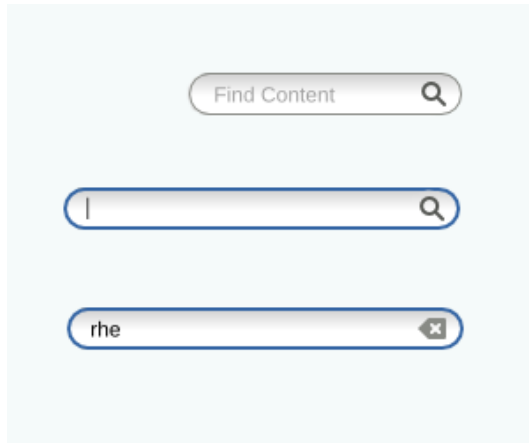
Table Handling Features – See ticket Ticket #981. This exists as a plugin we have to style.



1. Search-widget style – see “search-widget states”
2. Variable length pagination. Denominations of 50, 100, 200.

3. Visible total results with currently viewing result indication
4. Pagination selector. This is styled to be consistent with RH interactions.
5. Multi-column sorting. When the column is clicked it appears highlighted.
6. Adjustable column widths.

Search-widget States



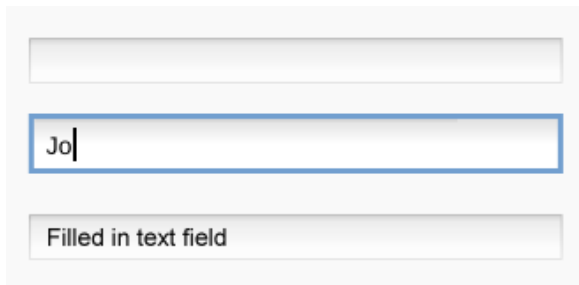
1. Normal – unselected

2. Selected – You have put the cursor in the field and have not yet hit search.

3. Searched – You have entered text in the field and searched, the cancel search icon appears and allows you to clear the text and shows unfiltered results. You may also click in the box and delete the text. This will revert to the

selected state.

Field States -



1. Normal – unselected

2. Selected – You have started to enter text

3. Filled in – You have entered text

Icon style – In order to maintain a consistent style with the RH interactions we need to use the correct icon set.

ACTIONS

+ Add

× Remove

≡ Edit

🔍 View

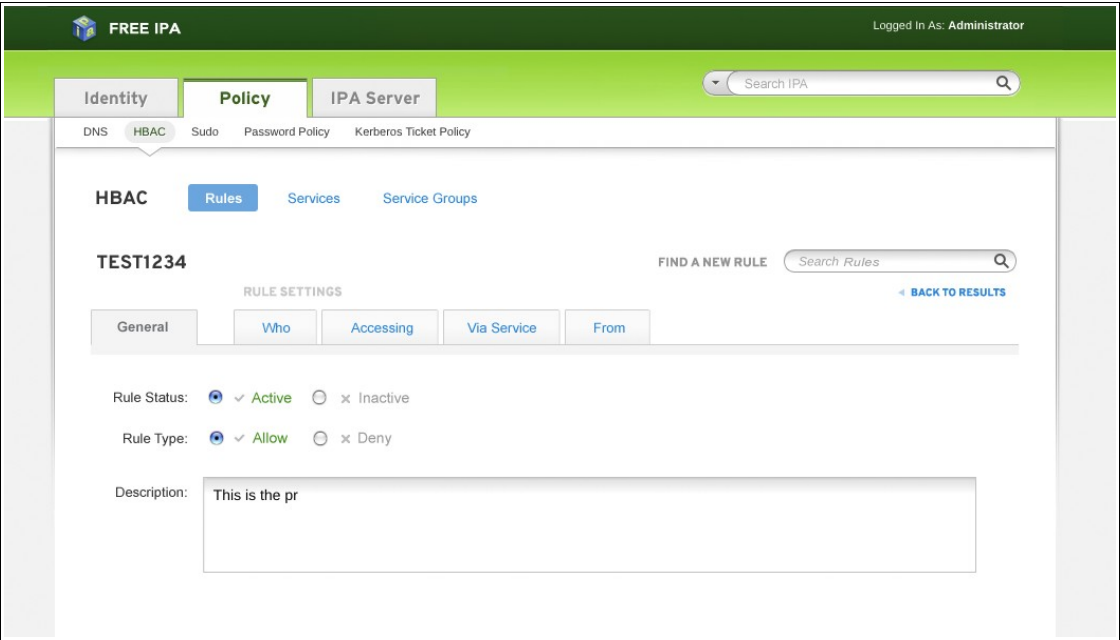
➡ Enroll

⊖ Cancel

💾 Save

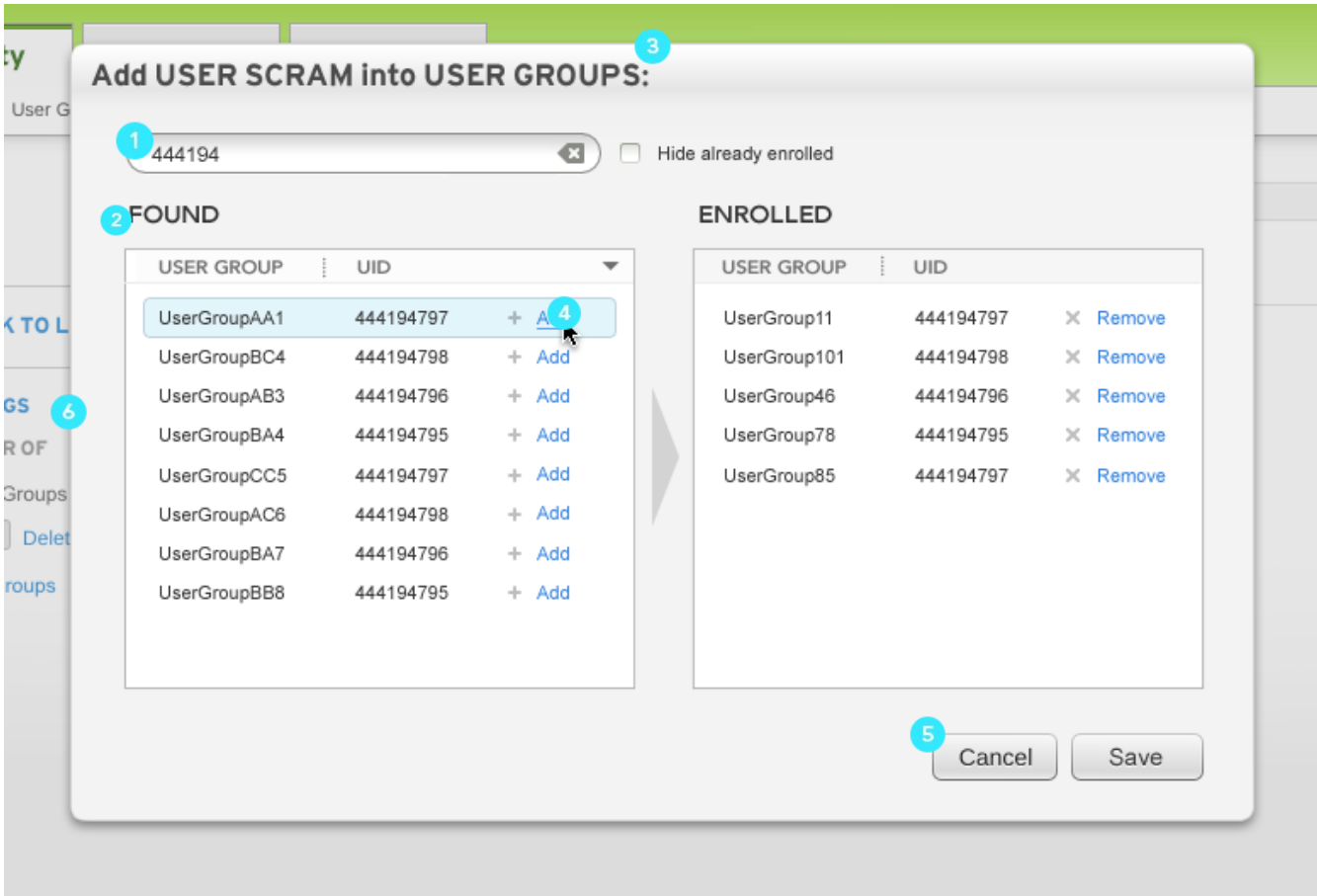
Background –

The white should continue to the bottom of the page to better frame the content no matter the height of the page.



Modals

Enroll Panel – Due to user confusion and consistency issues this dialog needed to be revised.

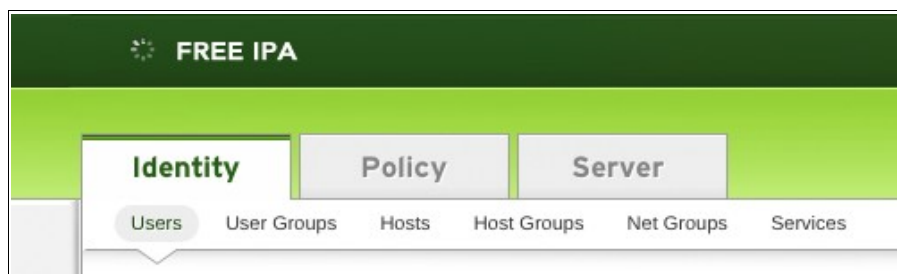


1. The user has made their search so the appropriate field state will show with the query.
2. The titles of the lists are changed to clarify the list identities
3. The panel title should follow this pattern in order to be as legible as possible.
4. When the user hovers over the entity it will become highlighted
5. Enroll and Cancel should change to Cancel and Save
6. Border style should change to be consistent

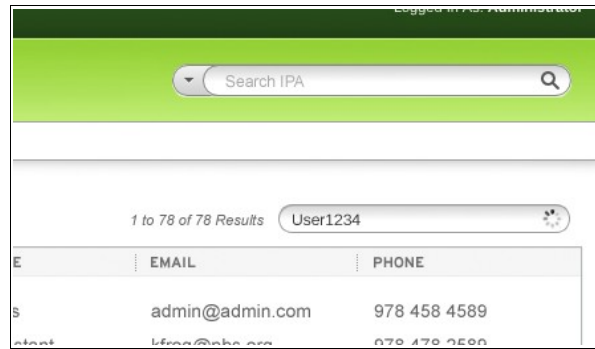
Add Dialog – There needs to be feed back to the user that ensures them that the user was added. This will be especially effective when adding multiple entities.

1. Add - The modal should remain open if a user clicks add. There should also be a dialog telling the user that the user they just added was successfully added then disappear. The user will have to click done when finished.
2. Add & Edit – Should maintain the current functionality.
3. Done – Closes the window

Spinner – The logo should swap for the spinner when the page is loading.



After you make a search and the page is loading the spinner should swap out the magnifying glass icon. After the page is loaded you should show the existing query cancel icon. See 'Search Widget States'



Command line view – The command line view should be off by default with the option to track commands at anytime for any length of time across multiple pages. The button should appear on the bottom of all pages(it doesn't in the comps)

FREE IPA

Logged In As: Administrator

Identity

Policy

Server

Users

User Groups

Hosts

Host Groups

Net Groups

Services

1 to 78 of 78 Results

Search IPA

USERS

+ Add

× Remove

1 to 78 of 78 Results

Search Users

	USER LOGIN	FULL NAME	UID	TITLE	EMAIL	PHONE
<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin 1a	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin 1a	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589
<input type="checkbox"/>	kfrog	Kermit Frog	444194797	Assistant	kfrog@pbs.org	978 478 2589
<input type="checkbox"/>	admin	Administrator	444194797	Boss	admin@admin.com	978 458 4589

Show

100

1 to 78 of 78 Results

1 2 3 ... 10 next

Command Line View

× Off

```
yum update install /ipa/user/home/ elorknervjnleknv ewovhoweh eoivoieuhv euuu e ioveueiueveuhuve ueriueruhv vfthvfhdkolvf
fvoeovohe ov weo eoihvoehv eohivo evio ierhvj oeriovi voieioiv eoiv eoi veojerjvjoerjv vioieioep erpi eperp

yum update install /ipa/user/home/ elorknervjnleknv ewovhoweh eoivoieuhv euuu e ioveueiueveuhuve u

yum update install /ipa/user/home/ elorknervjnleknv ewovhoweh eoivoieuhv
```

Single Sign-on – Still needs to be configured based on the advent of 'Hello World Browser Add On' and the ability to manage kerberos realms by default in 6.2.

