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# Support Technical Exchange: WebGUI 7.3.1.x and TIP 2.2.0.x New features

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## WebGUI 7.3.1.x and TIP 2.2.0.x New features

- Navigation Menu comparison 2.1.0.x to 2.2.0.x
  - Users and Groups
  - Settings
  - Administration
  - Availability
  - Troubleshooting and support
- Benefits
  - Fix Pack installation
  - Browser Support
  - Client Java Support
  - Future upgradability
- Questions
  -

## Navigation Menu comparison 2.1.0.x to 2.2.0.x

### ■ Users and Groups



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Roles  
2.2.0.x

Use this page to manage all console roles. You can view detailed information about the roles and create new roles. For each role, you can define the level of access to views, pages, and portlets. The access level that you set for the role applies to all users and groups that are members of that role. You can associate users and groups to roles through the Administrative User Roles or Administrative Group Roles tasks, found under Users and Groups in the navigation.

Select	Role Name	Type	Users
<input type="checkbox"/>	administrator	System	2
<input type="checkbox"/>	all authenticated portal users	Core	0
<input type="checkbox"/>	chartAdministrator	System	2
<input type="checkbox"/>	chartCreator	System	1
<input type="checkbox"/>	chartViewer	System	1
<input type="checkbox"/>	configurator	System	1
<input type="checkbox"/>	iscadmins	System	3

Total: 18 Selected: 0

# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Roles  
2.1.0.x

**Role Management** x +

**Role Management**

Use this page to manage all console roles. You can view detailed information about the roles and create new roles. For each role, access to views, pages, and portlets. The access level that you set for the role applies to all users and groups that are members associate users and groups to roles through the Administrative User Roles or Administrative Group Roles tasks, found under User navigation.

Select	Role Name	Type
	administrator	System
	all authenticated portal users	Core
	chartAdministrator	System
	chartCreator	System
	chartViewer	System
	configurator	System
	iscadmins	System
	iscusers	System
	monitor	System

# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- User Roles 2.2.0.x

User Roles

Use this page to manage roles for users. You can search users and add/remove roles for a selected user.

**Available Users**

Assign roles to a selected user.

First name:  Last name:

User ID:  E-mail:

Number of results to display:  Active users only:

Select	User ID	Active	First Name	Last Name	Roles
<input type="checkbox"/>	webadmin	1	web	admin	[operator, ncw_user, administrator, chartCreator, chartAdministrator, chartViewer, ncw_admin, configurator, ncw_dashboard_editor, ncw_gauges_editor, ncw_gauges_viewer, iscadmins, netcool_rw]

Total: 1

# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- User Roles  
2.1.0.x

User Roles x +

## User Roles

Use this page to manage roles for users. You can search users and add/remove roles for a selected user.

### Available Users

Assign roles to a selected user.

First name:

Last name:

User ID:

E-mail:

Number of results to display:

20 ▼

User ID	First Name	Last Name	Roles
webadmin	web	admin	operator, suppressmonitor, ncw_user, administrator, chartC ncw_admin, configurator, ncw_dashboard_editor, ncw_gauge monitor, iscadmins, netcool_rw

# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Group Roles 2.2.0.x

**Group Roles** + --- Select Action ---

**Group Roles** ? Related Tasks

Use this page to manage roles for groups. You can search groups and add/remove roles for a selected group.

**Available Groups**

Assign roles to a selected group.

Group ID:  Description:

Number of results to display:

Group Name	Roles	Unique Name
None		

Filter Total: 0



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Group Roles  
2.1.0.x

**Group Roles** x +

## Group Roles

Use this page to manage roles for groups. You can search groups and add/remove roles for a selected group.

### Available Groups

Assign roles to a selected group.

Group ID:  Description:

Number of results to display:

Group Name	Roles	Unique Name
None		

# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Manage Users 2.2.0.x

**WIM User Management**

**Search for Users**

Search by  \*Search for  \*Maximum results

6 users matched the search criteria.

Select	User ID	First name	Last name	E-mail	Unique Name
<input type="checkbox"/>	<a href="#">ncoadmin</a>	ncoadmin	tivoli		uid=ncoadmin,o=netcoolObjectServerRepository
<input type="checkbox"/>	<a href="#">ncouser</a>	ncouser	tivoli		uid=ncouser,o=netcoolObjectServerRepository
<input type="checkbox"/>	<a href="#">nobody</a>		Nobody		uid=nobody,o=netcoolObjectServerRepository
<input type="checkbox"/>	<a href="#">root</a>	Root	User		uid=root,o=netcoolObjectServerRepository
<input type="checkbox"/>	<a href="#">tipadmin</a>	tipadmin	tipadmin		uid=tipadmin,o=defaultWIMFileBasedRealm
<input type="checkbox"/>	<a href="#">webadmin</a>	web	admin		uid=webadmin,o=netcoolObjectServerRepository

Page 1 of 1 Total: 6

# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Manage Users 2.1.0.x

WIM User Management

Search for Users

Search by \* Search for \* Maximum results

User ID \* 100

Search

Create... Delete


Page 1 of 1 Total: 0

# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Manage Groups 2.2.0.x

**WIM Group Management**

**Search for Groups**

Search by  \* Search for  \* Maximum results

10 groups matched the search criteria.

Select	Group name	Description	Unique Name
<input type="checkbox"/>	<a href="#">Administrator</a>	Admin Group	cn=Administrator,o=netcoolObjectServerRepository
<input type="checkbox"/>	<a href="#">Gateway</a>	Permissions required for a gateway user	cn=Gateway,o=netcoolObjectServerRepository
<input type="checkbox"/>	<a href="#">ISQL</a>	Read only ISQL access	cn=ISQL,o=netcoolObjectServerRepository
<input type="checkbox"/>	<a href="#">ISQLWrite</a>	Write ISQL access	cn=ISQLWrite,o=netcoolObjectServerRepository
<input type="checkbox"/>	<a href="#">Netcool_OMNIBus_Admin</a>		cn=Netcool_OMNIBus_Admin,o=netcoolObjectServerRepository
<input type="checkbox"/>	<a href="#">Netcool_OMNIBus_User</a>		cn=Netcool_OMNIBus_User,o=netcoolObjectServerRepository
<input type="checkbox"/>	<a href="#">Normal</a>	Normal Group	cn=Normal,o=netcoolObjectServerRepository
<input type="checkbox"/>	<a href="#">Probe</a>	Permissions required for a probe user	cn=Probe,o=netcoolObjectServerRepository
<input type="checkbox"/>	<a href="#">Public</a>	Public Group	cn=Public,o=netcoolObjectServerRepository
<input type="checkbox"/>	<a href="#">System</a>	System Group	cn=System,o=netcoolObjectServerRepository

Page 1 of 1 Total: 10

# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Manage Groups 2.1.0.x

**WIM Group Management**  
Search for Groups

Search by  \* Search for  \* Maximum results


Page 1 of 1 Total: 0

# Navigation Menu comparison 2.1.0.x to 2.2.0.x

## ■ Settings

### [-] Settings

- WebSphere Administrative Console
- User Preferences for Tivoli Netcool/OMNIBUS
- Page Management
- View Management
- Portlet Management
- Console Preference Profiles
- Manage Global Refresh
- Credential Store
- Change Your Password
- Export Wizard

### [-] Settings

- WebSphere Administrative Console
- User Preferences for Tivoli Netcool/OMNIBUS Web GUI
- Pages
- Views
- Catalogs
- Portlets
- Console Preference Profiles
- Manage Global Refresh
- Credential Store
- Change Password
- Export Wizard
- Connections

# Navigation Menu comparison 2.1.0.x to 2.2.0.x

## WebSphere Administrative console 2.2.0.x

**Administrative user roles**

Administrative user roles

Use this page to add, update or to remove administrative roles to users. Assigning administrative roles to users enables them to administer application servers through the administrative console or through wsadmin scripting.

Logout Add... Remove

Select	User	Role(s)	Login Status
<input type="checkbox"/>	<a href="#">ncoadmin</a>	ISC Admins, Administrator, Admin Security Manager	Not Active
	tipadmin	Primary administrative user name	Not Active
<input type="checkbox"/>	<a href="#">tipadmin</a>	Monitor, ISC Admins, Admin Security Manager	Not Active
<input type="checkbox"/>	<a href="#">webadmin</a>	Operator, Configurator, ISC Admins, Administrator, Admin Security Manager	Active
Total 4			

- Welcome
- [-] Security
  - Global security
  - SSL certificate and key management
- [-] Users and Groups
  - Administrative user roles
  - Administrative group roles
  - Manage Users
  - Manage Groups
- [-] Troubleshooting
  - Logs and trace
  - Configuration problems
  - [-] Configuration Validation
    - Configuration error
    - Configuration warning
    - Configuration information
  - [-] Runtime Messages
    - Runtime error
    - Runtime warning
    - Runtime information

WebSphere Administrative Console

The WebSphere administrative console provides access to security and troubleshooting tasks. The button below will launch the WebSphere administrative console in a new window.

Logging out from the WebSphere administrative console will also terminate your connection to this console. To avoid losing your work, you should close the other window rather than logging out.

Launch WebSphere administrative console

# Navigation Menu comparison 2.1.0.x to 2.2.0.x

## ■ WebSphere Administrative console 2.1.0.x

**Administrative user roles**

Use this page to add, update or to remove administrative roles to users. Assigning administrative roles to users enables them to administer application servers through the administrative console or through wsadmin scripting.

Logout Add... Remove

Select	User	Role(s)	Login Status
<input type="checkbox"/>	<a href="#">ncoadmin</a>	ISC Admins, Administrator, Admin Security Manager	Not Active
	tipadmin	Primary administrative user name	Not Active
<input type="checkbox"/>	<a href="#">tipadmin</a>	Monitor, ISC Admins, Admin Security Manager	Not Active
<input type="checkbox"/>	<a href="#">webadmin</a>	Operator, Configurator, Monitor, ISC Admins, Administrator, Admin Security Manager	Active

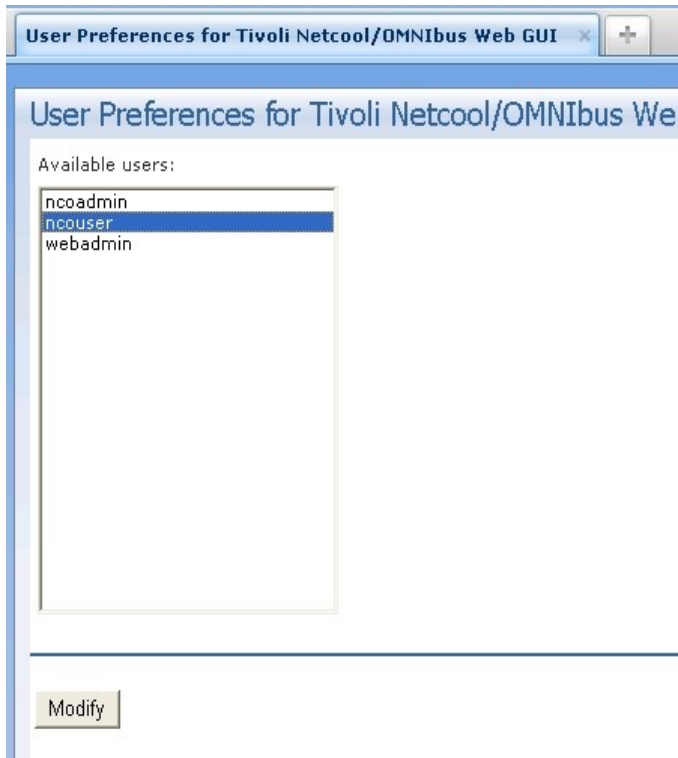
Total 4

- Welcome
- [-] Security
  - Global security
  - SSL certificate and key management
- [-] Users and Groups
  - Administrative user roles
  - Administrative group roles
  - Manage Users
  - Manage Groups
- [-] Troubleshooting
  - Logs and trace
  - Configuration problems
  - [-] Configuration Validation
    - Configuration error
    - Configuration warning
    - Configuration information
  - [-] Runtime Messages
    - Runtime error
    - Runtime warning
    - Runtime information

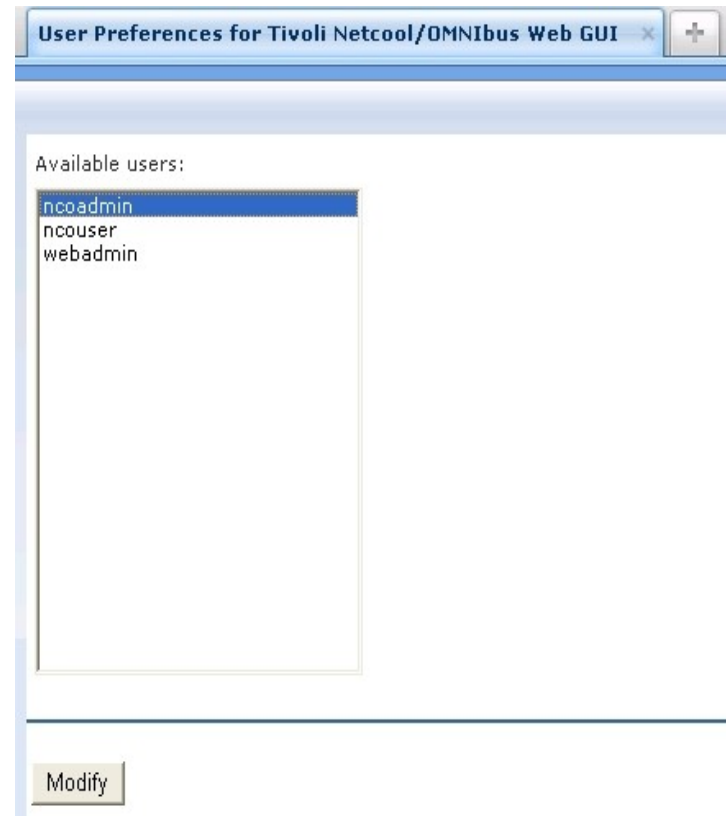


# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- User Preferences  
2.1.0.x

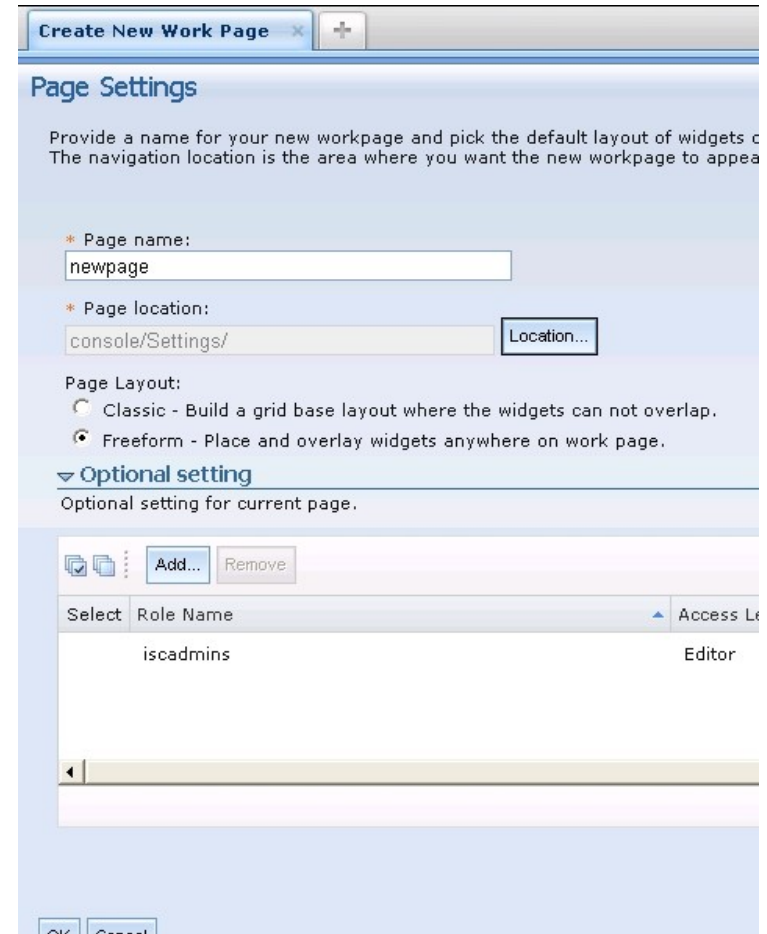
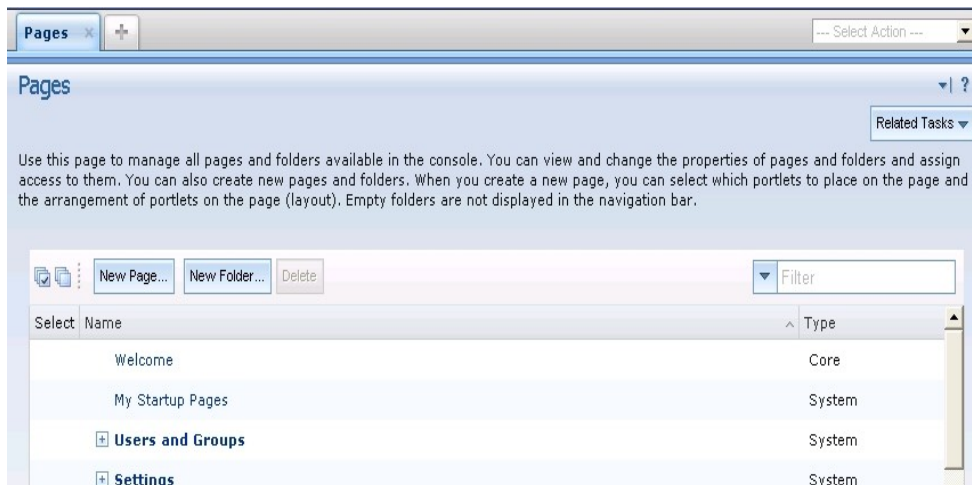


- User Preferences  
2.2.0.x



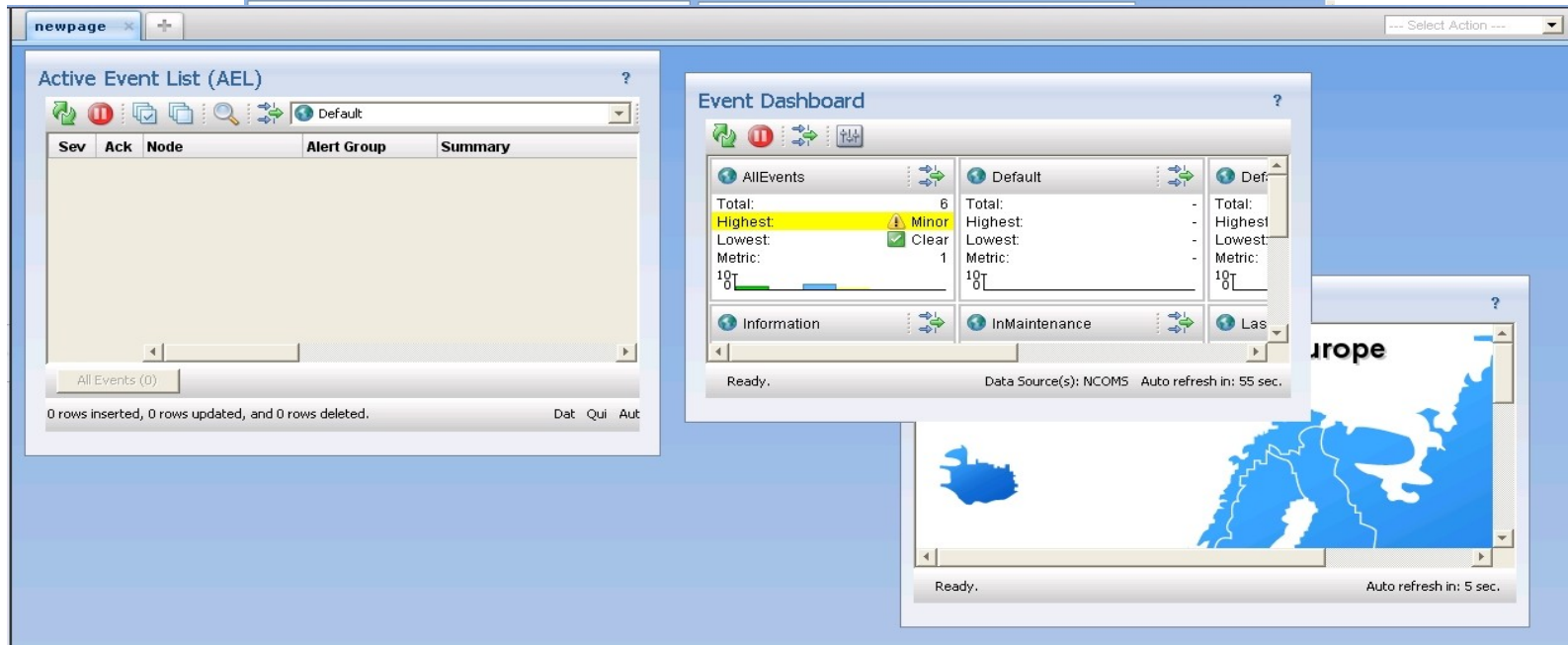
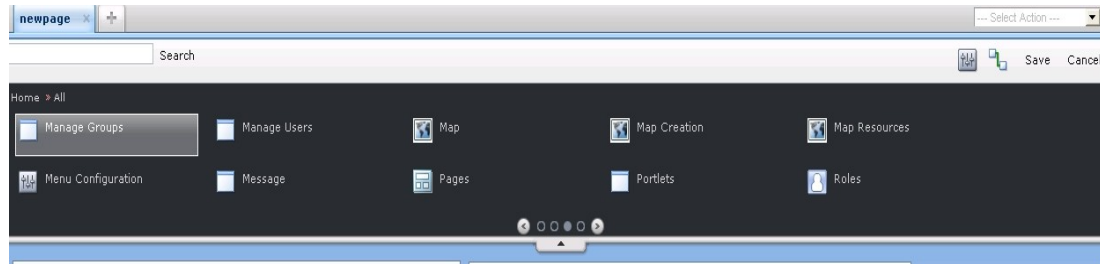
# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Pages  
2.2.0.x



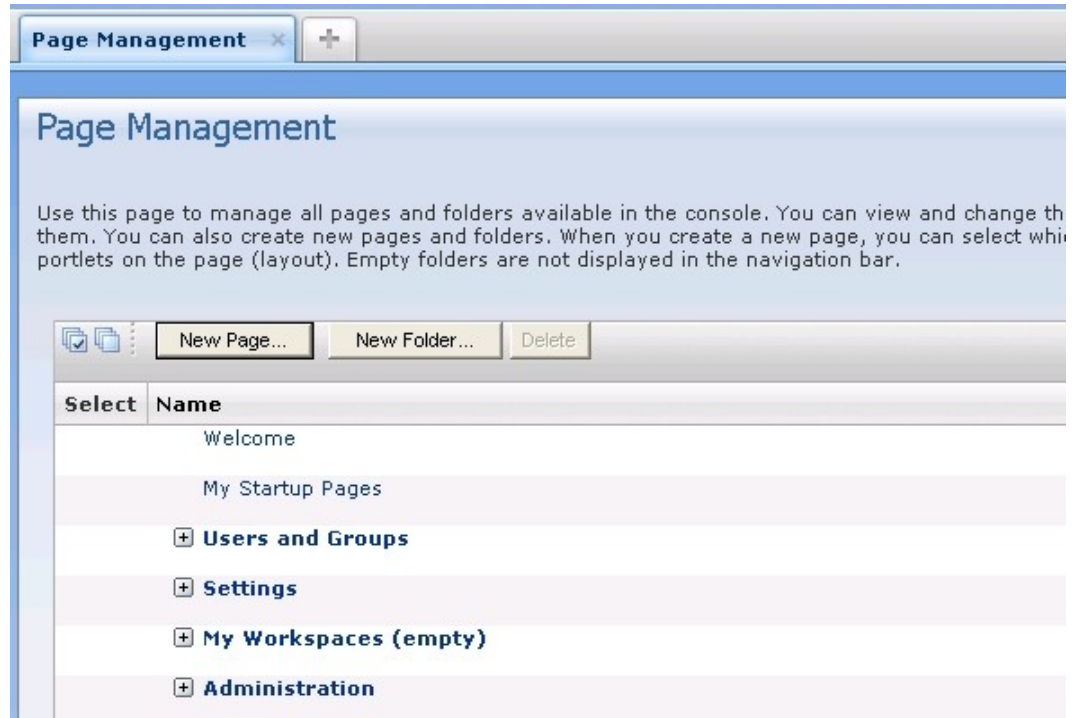
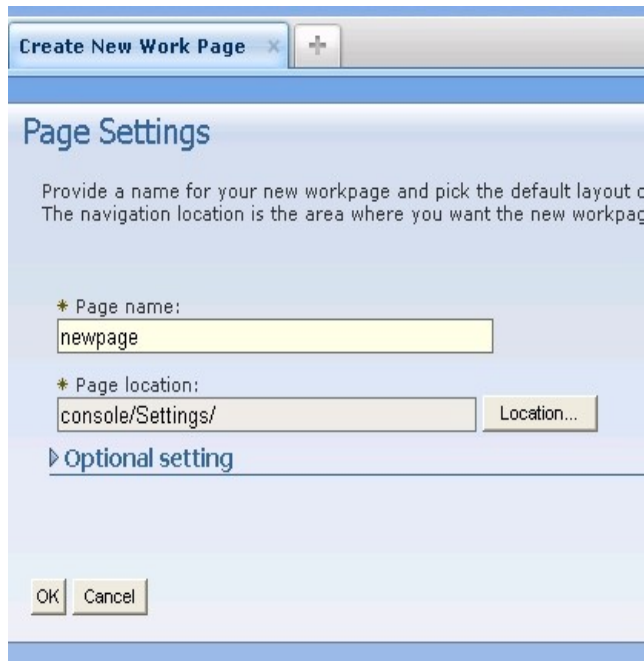
# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Pages 2.2.0.x



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

## ■ Pages 2.1.0.x



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

## ■ Views 2.2.0.x

Use this page to manage all views in the console. Views allow you to organize pages to simplify the navigation to a set of related tasks that are available in the navigation area and the pages that should be automatically launched when the view is selected.

Views > New View

**General Properties**

\* View name:  String Translation...

Hide any open pages in the work area that are not part of this view

Type of view:

View unique name:

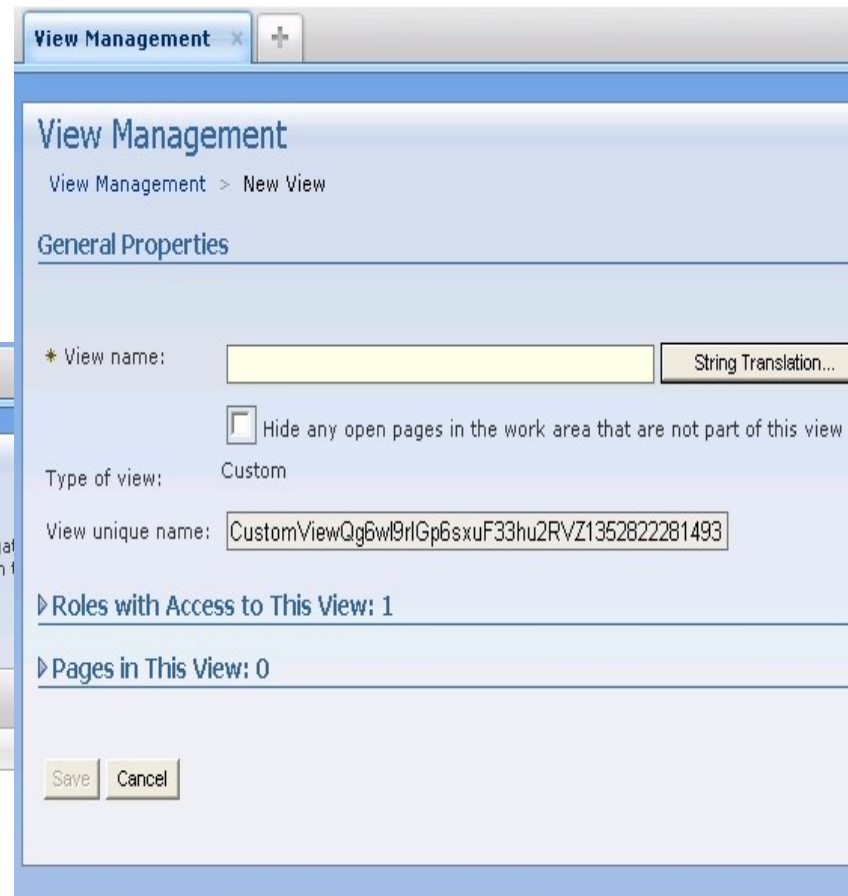
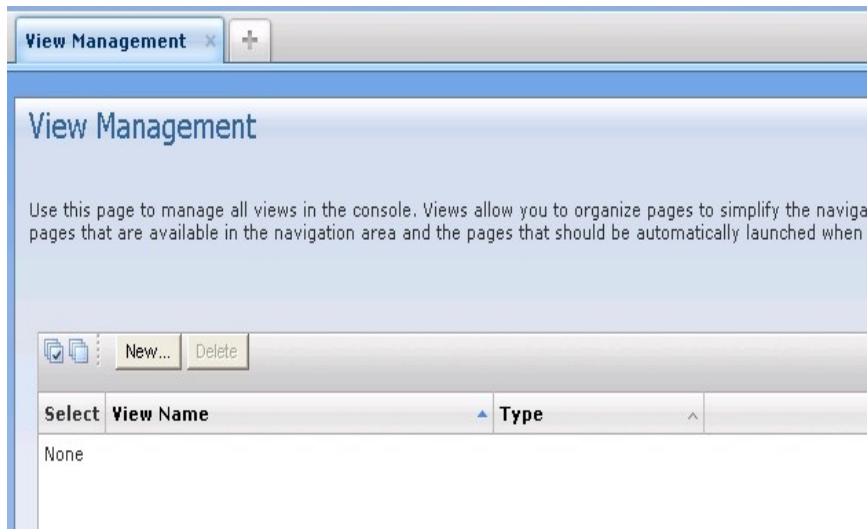
▶ Roles with Access to This View: 1

▶ Pages in This View: 0

Total: 0 Selected: 0

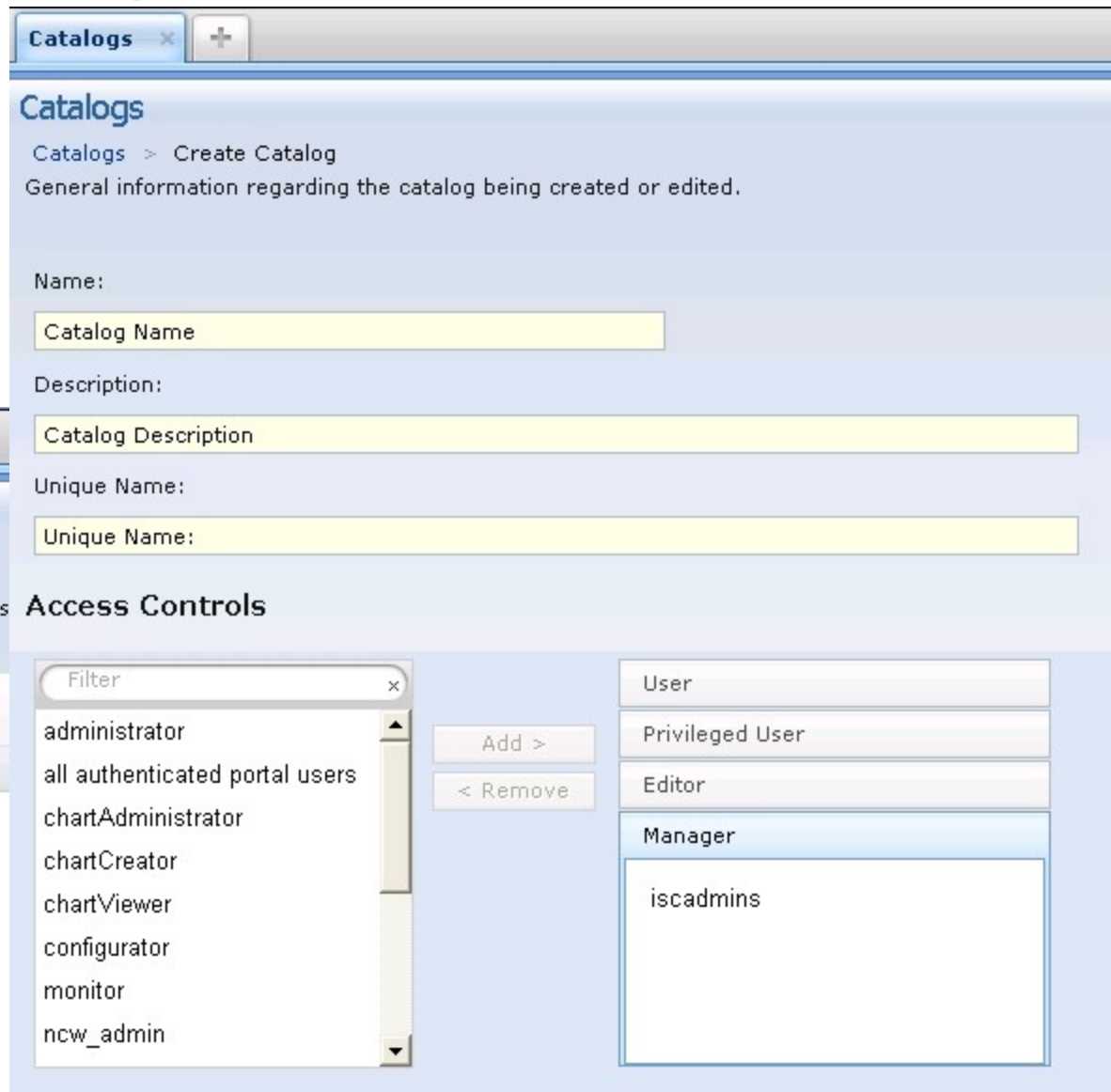
# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Views  
2.1.0.x



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Catalogs  
2.2.0.9



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

## ■ Portlets 2.1.0.x

**Portlet Management**

Use this page to manage all portlets in the console. You can view information about portlets added to pages to provide content and functionality. You can locate a portlet either by browsing the filter field.

Copy

Select	Portlet Entity Title
<input type="checkbox"/>	Uncategorized portlets
<input type="checkbox"/>	Welcome
<input type="checkbox"/>	My Startup Pages
<input type="checkbox"/>	Users and Groups
<input type="checkbox"/>	Settings
<input type="checkbox"/>	My Workspaces (empty)
<input type="checkbox"/>	Administration
<input type="checkbox"/>	Assets (empty)
<input type="checkbox"/>	Availability

## ■ Portlets 2.2.0.x

**Portlets**

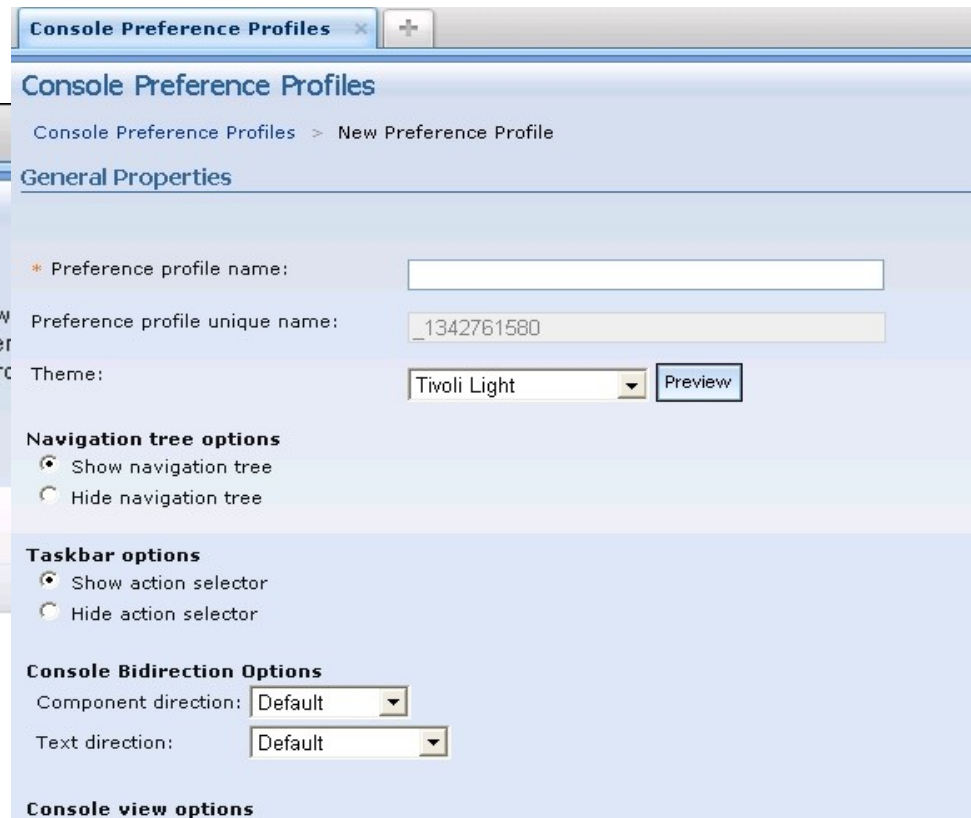
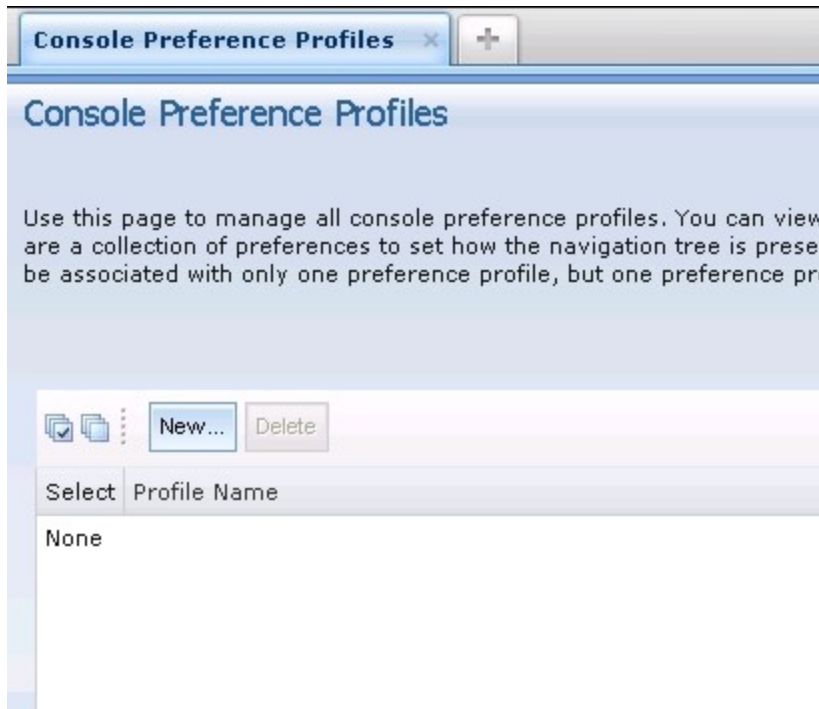
Use this page to manage the portlets you have access to in the console. If you have the required au

Select	Portlet Entity Title	System	Description
<input type="checkbox"/>	Message	System	
<input type="checkbox"/>	My Startup Pages	Core	
<input type="checkbox"/>	My Tasks	Core	
<input type="checkbox"/>	Page Settings	System	
<input type="checkbox"/>	Pages	System	System portlet used to
<input type="checkbox"/>	Portlets	System	System portlet used to
<input type="checkbox"/>	Roles	System	System portlet used to
<input type="checkbox"/>	System Information for Tivoli Netcool/OMNIBus Web GUI	System	On this page, you can
<input type="checkbox"/>	Table View	System	The Web GUI Table Vi
<input checked="" type="checkbox"/>	Tool Creation	System	From the Tool Creation
<input type="checkbox"/>	User Preferences for Tivoli Netcool/OMNIBus Web GUI	System	You can edit the user j
<input type="checkbox"/>	User Roles	System	System portlet used to
<input type="checkbox"/>	Views	System	Views constrain the co
<input type="checkbox"/>	Views	System	System portlet used to
<input type="checkbox"/>	Web Widget	System	Portlet that can be cor
<input type="checkbox"/>	WebSphere Administrative Console	System	System portlet used to



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

## ■ Console Preference Profiles 2.2.0.x



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

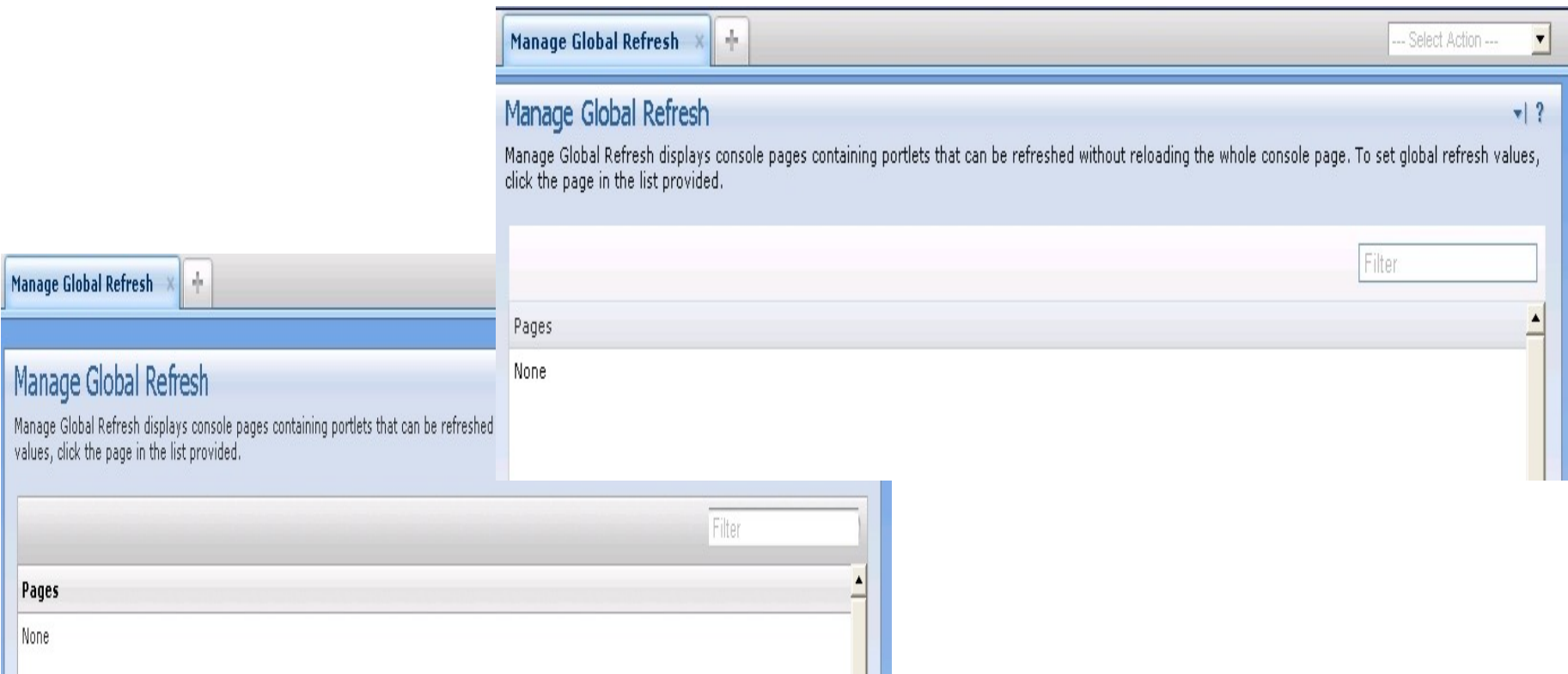
## ■ Console Preference Profiles 2.1.0.x



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Manage Global Refresh 2.1.0.x

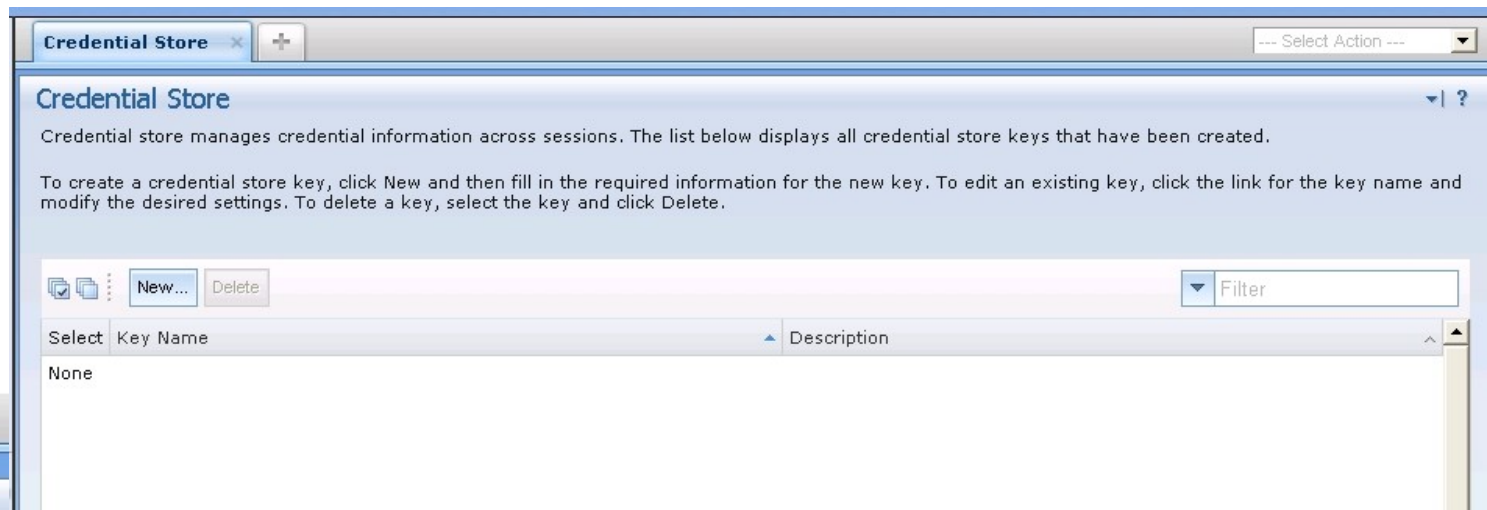
- Manage Global Refresh 2.2.0.x



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

## ■ Credential Store 2.1.0.x

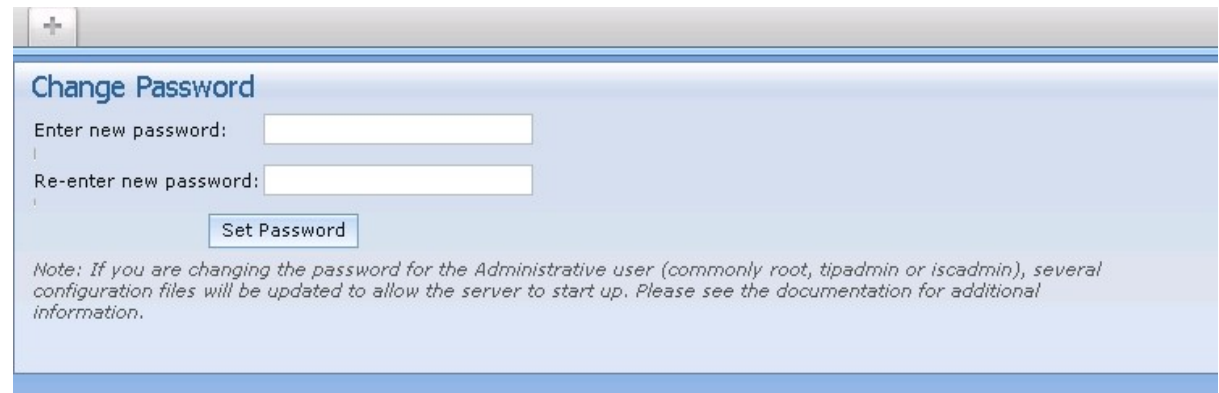
## ■ Credential Store 2.2.0.x



## Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Change Password 2.1.0.x

- Change Password 2.2.0.x



The screenshot shows a web browser window with a title bar containing a plus sign. The page content is titled "Change Password" in blue. Below the title, there are two text input fields: "Enter new password:" and "Re-enter new password:". A "Set Password" button is centered below the fields. A note at the bottom reads: "Note: If you are changing the password for the Administrative user (commonly root, tipadmin or iscadmin), several configuration files will be updated to allow the server to start up. Please see the documentation for additional information."



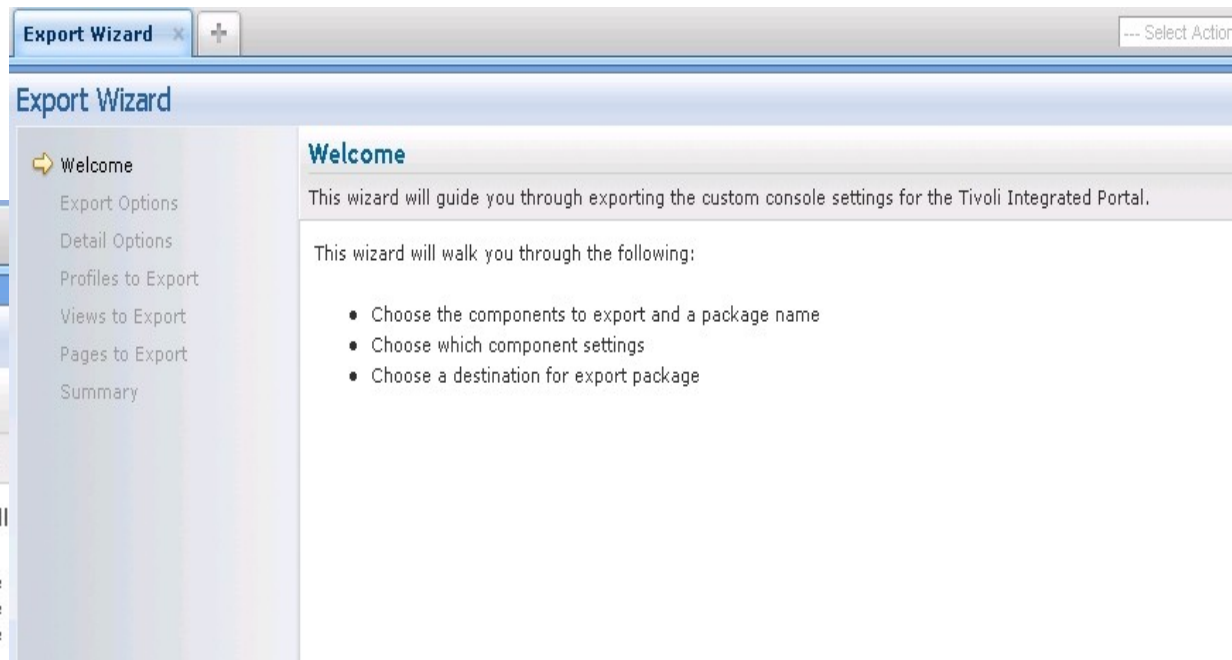
The screenshot shows a web browser window with a title bar containing a plus sign. The page content is titled "Change Your Password" in blue. Below the title, there are two text input fields: "Enter new password:" and "Re-enter new password:". A "Set Password" button is centered below the fields. A note at the bottom reads: "Note: If you are changing the password for the Administrative user (commonly root, tipadmin or iscadmin), several configuration files will be updated to allow the server to start up. Please see the documentation for additional information."

# Navigation Menu comparison 2.1.0.x to 2.2.0.x

## Export Wizard 2.1.0.x



## Export Wizard 2.2.0.x



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Connections
  - 2.2.0.x

The connection manager allows you to configure the local and remote connections for this computer. The list below displays all configurable connections.

To create a new remote connection, click on the 'Create new remote provider' icon. To edit an existing connection, either select a connection and click on the 'Edit existing provider' button, or right-click on a connection and select the 'Edit' menu option. To delete a remote connection, either select the connection and click on the 'Delete remote provider' button, or right-click on the connection and select the 'Delete' menu option.

	Name	Type	Description	Connection	ID	Status
No filter applied						
<input type="radio"/>	tip	tip	Tivoli Integrated Portal Data Provider		tip	WORKING

## Navigation Menu comparison 2.1.0.x to 2.2.0.x

### Administration 2.1.0.x



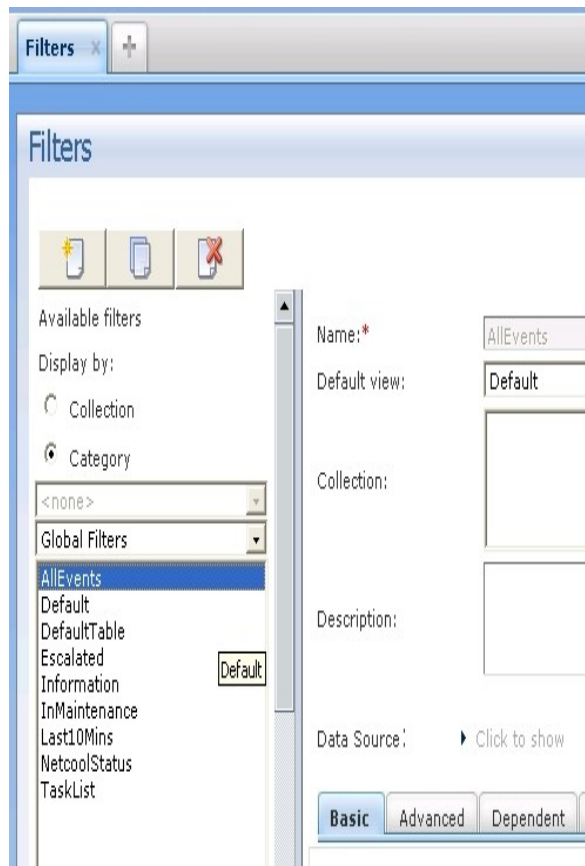
### Administration 2.2.0.x



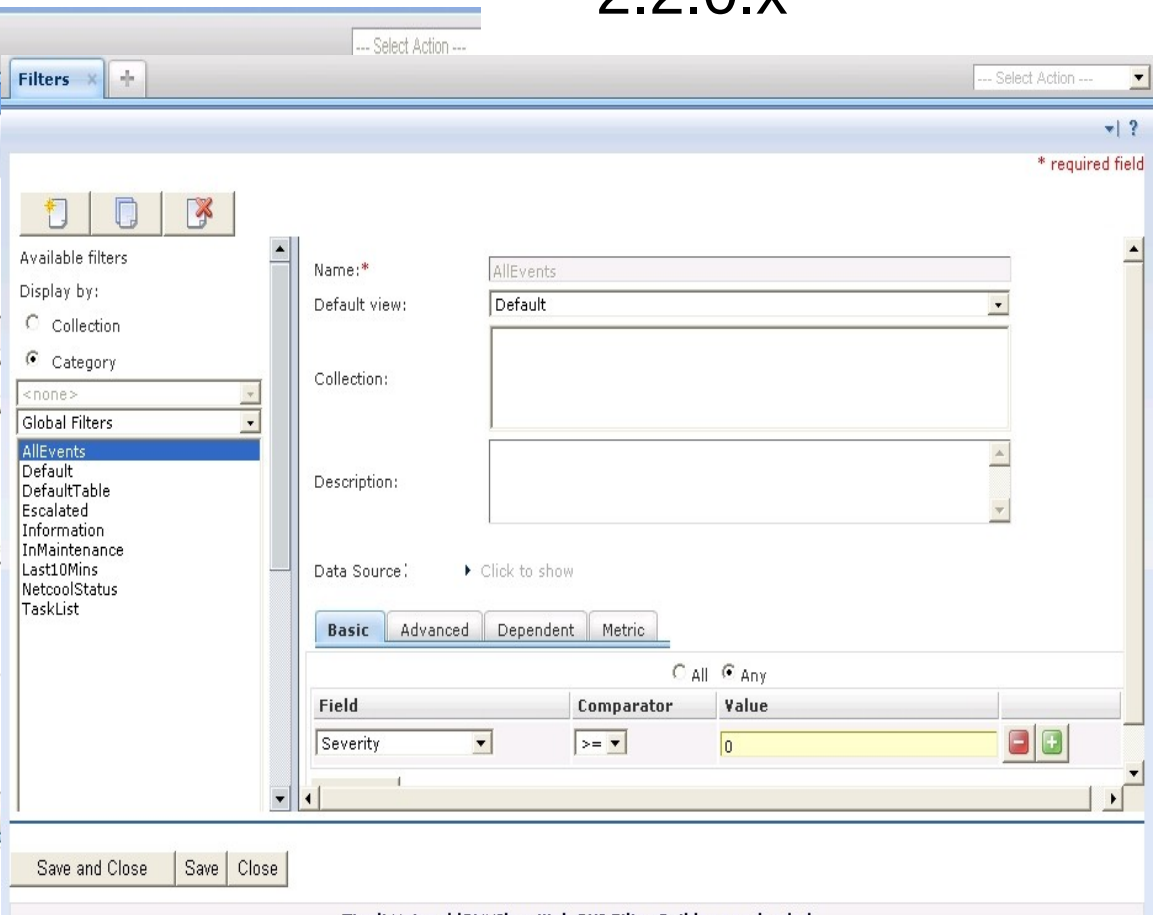


# Navigation Menu comparison 2.1.0.x to 2.2.0.x

## Filters 2.1.0.x

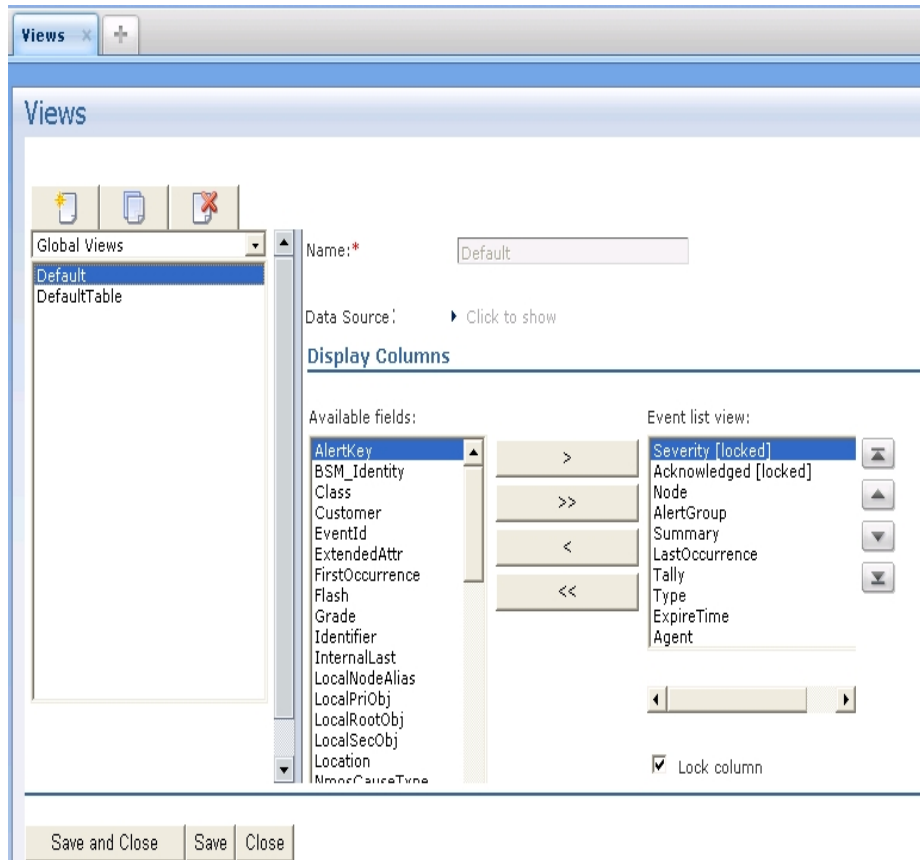


## Filters 2.2.0.x

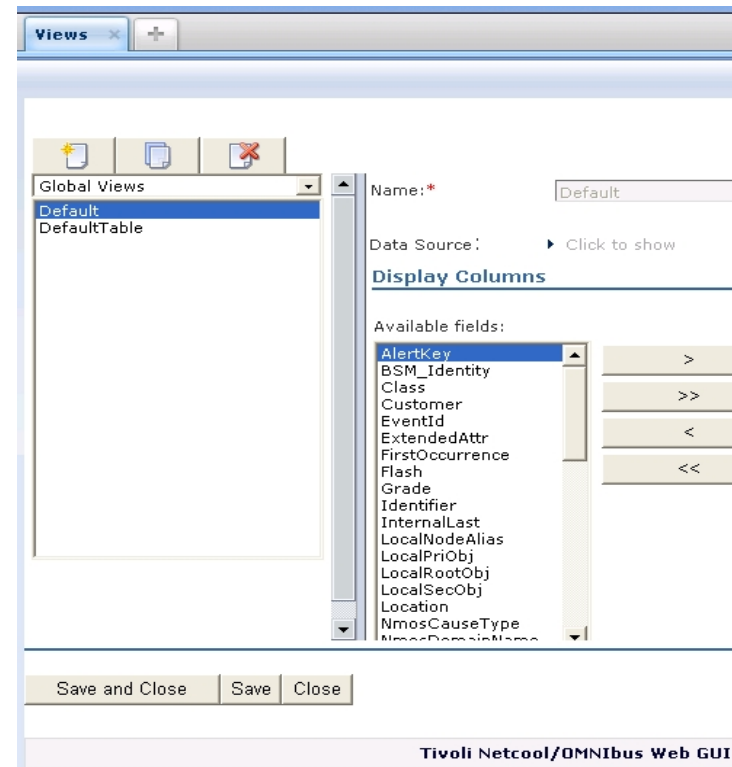


# Navigation Menu comparison 2.1.0.x to 2.2.0.x

## Views 2.1.0x



## Views 2.2.0x



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

## ■ Tool Creation 2.1.0.x

## ■ Tool Creation 2.2.0.x

The screenshot compares the 'Tool Creation' interface between two versions. On the left (2.1.0.x), the navigation menu on the left side contains 20 items: acknowledge, deacknowledge, delete, groupassign, LocalPing, LocalTelnet, prioritise, PromptedPing, PromptedTelnet, RemotePing, SuppressEscalate, takeownership, Tracepath, and userassign. The main configuration area shows the tool name 'acknowledge', a 'Name' field with 'acknowledge', and an 'SQL Commands' field containing the query: `update alerts.status set Acknowledged=1 where Serial in ($selected_rows.Serial);`. The 'Execute for each selected row' checkbox is unchecked. The 'Access Criteria' section is empty.

On the right (2.2.0.x), the navigation menu is simplified to 14 items: acknowledge, deacknowledge, delete, groupassign, LocalPing, LocalTelnet, prioritise, PromptedPing, PromptedTelnet, RemotePing, SuppressEscalate, takeownership, Tracepath, and userassign. The main configuration area shows the tool name 'acknowledge', a 'Name' field with 'acknowledge', and a 'Type' dropdown set to 'SQL'. The 'SQL Commands' field contains the same query as in 2.1.0.x, but the 'Execute for each selected row' checkbox is now checked. The 'Access Criteria' section is also empty.

# Navigation Menu comparison 2.1.0.x to 2.2.0.x

▪ Menu Configuration 2.1.0.x

▪ Menu Configuration 2.2.0.x

The image shows two side-by-side screenshots of the 'Menu Configuration' application. The left screenshot represents version 2.1.0.x, and the right screenshot represents version 2.2.0.x.

**Version 2.1.0.x (Left):**

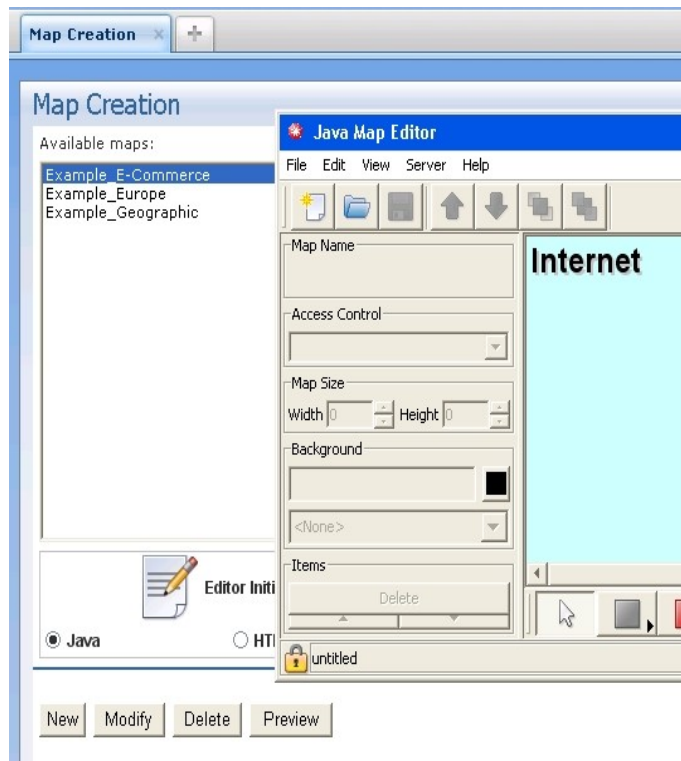
- Available menus:** alerts, CGI\_Tools, Local\_Tools, Ping, Telnet, tools.
- Name:** alerts
- Label:** Alerts
- Available items:** tool
- Item list:** <new tool>, acknowledge, deacknowledge, delete, groupassign, LocalPing, LocalTelnet, prioritise, PromptedPing, PromptedTelnet, RemotePing, SuppressEscalate, takeownership, Tracepath, userassign.
- Buttons:** New, Modify, Delete.

**Version 2.2.0.x (Right):**

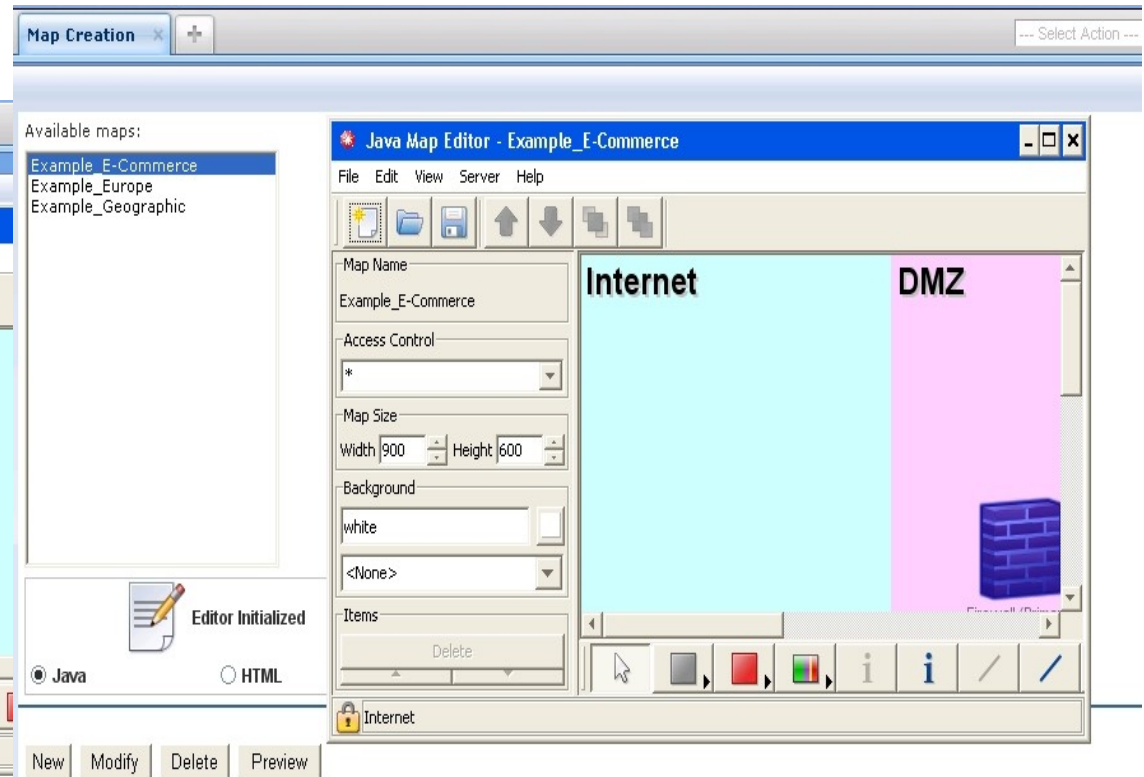
- Name:** alerts
- Label:** Alerts
- Mnemonic:** <none>
- Available items:** tool
- Item list:** <new tool>, acknowledge, deacknowledge, delete, groupassign, LocalPing, LocalTelnet, prioritise, PromptedPing, PromptedTelnet, RemotePing, SuppressEscalate, takeownership, Tracepath, userassign.
- Current items:** Acknowledge, Deacknowledge, <separator>, Prioritize, Suppress/Escalate, Take Ownership, User Assign, Group Assign, Delete, <separator>, Ping, Telnet, Tracepath.
- Buttons:** Save, Cancel.

# Navigation Menu comparison 2.1.0.x to 2.2.0.x

## Map Creation 2.1.0.x

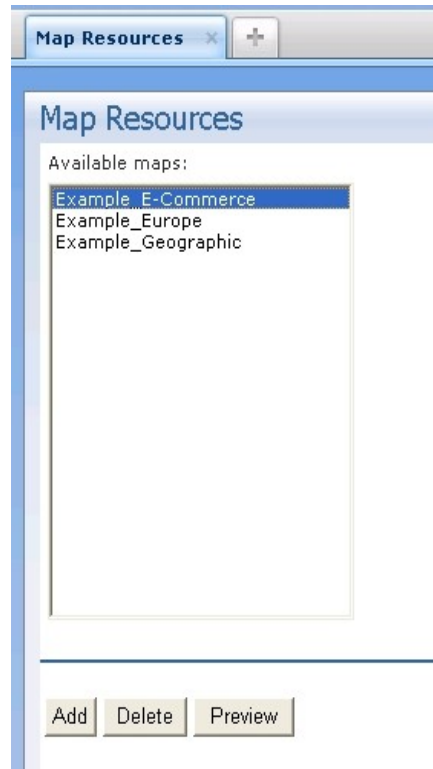


## Map Creation 2.2.0.x

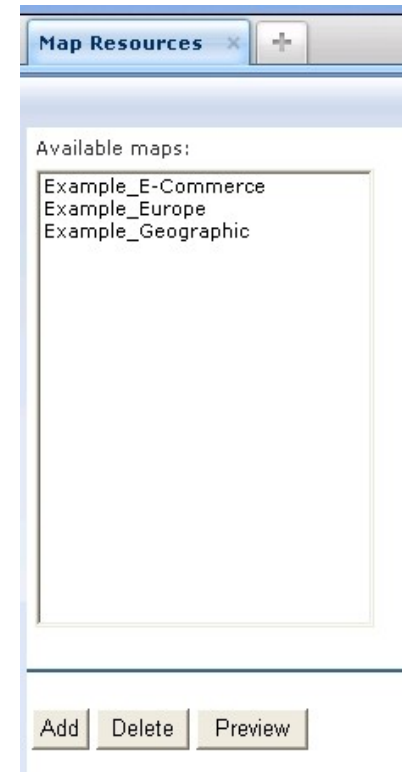


## Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Map Resources 2.1.0.x



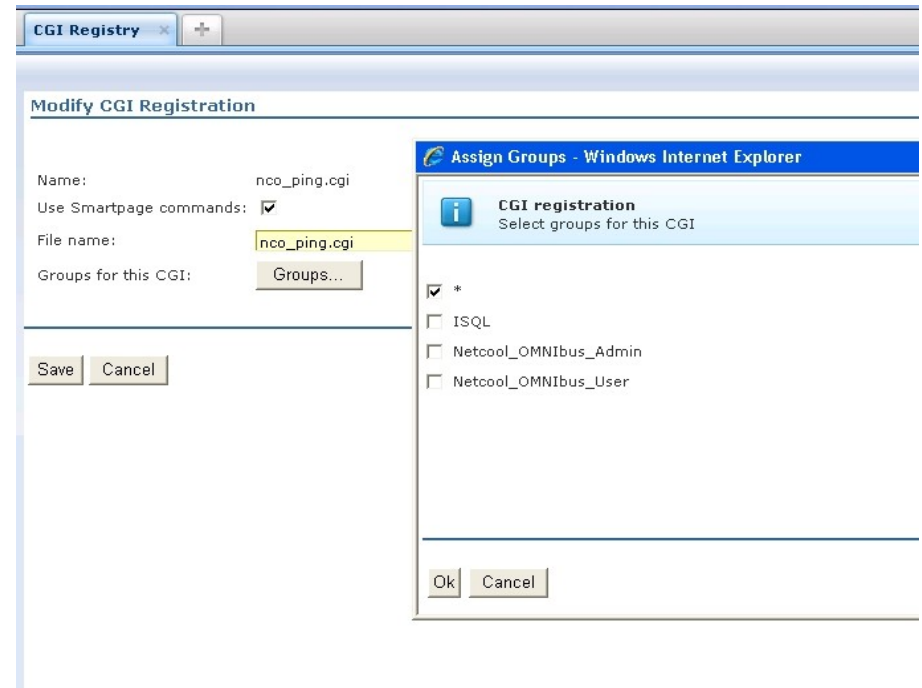
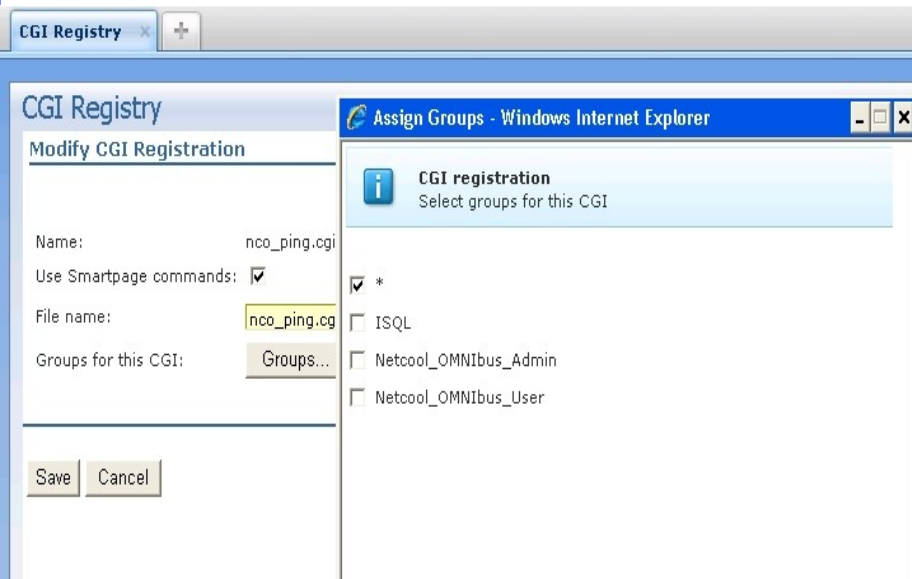
- Map Resources 2.2.0.x



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

## ■ CGI Registry 2.1.0.x

## ■ CGI Registry 2.2.0.x



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Event Database Query 2.1.0.x

The screenshot shows the 'Event Database Query' window in version 2.1.0.x. It features a yellow warning banner at the top stating: 'Warning! This form should only be used by advanced users. Datasource may be corrupted if misused!'. Below the banner, there is a dropdown menu for 'Select datasource:' with 'NCOMS' selected. A text area labeled 'Enter query below:' contains the SQL query: 'select count(\*) from alerts.status;'. A 'Submit' button is located below the text area. At the bottom, a section labeled 'Results displayed below:' shows the execution output: '-----', 'select count(\*) from alerts.status;', '-----', '>Executed 'select count(\*) from alerts.status;'', and '3'.

- Event Database Query 2.2.0.x

The screenshot shows the 'Event Database Query' window in version 2.2.0.x. It features a yellow warning banner at the top with the same text as the previous version: 'Warning! This form should only be used by advanced users. Datasource may be corrupted if misused!'. Below the banner, there is a dropdown menu for 'Select datasource:' with 'NCOMS' selected. A text area labeled 'Enter query below:' is currently empty. A 'Submit' button is located below the text area. At the bottom, a section labeled 'Results displayed below:' is also empty. A 'Clear' button is located at the very bottom of the window.



## Navigation Menu comparison 2.1.0.x to 2.2.0.x

### ■ Availability 2.1.0.x

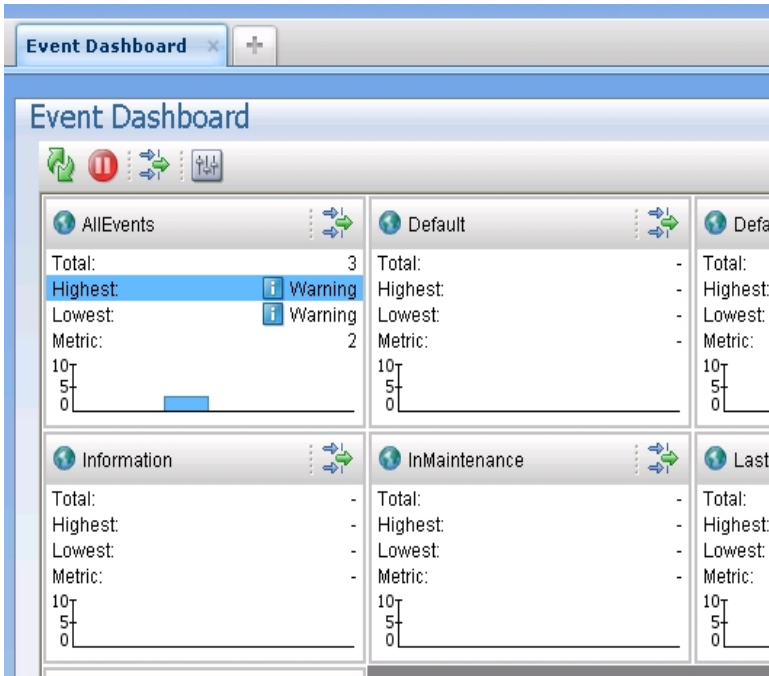


### ■ Availability 2.2.0.x

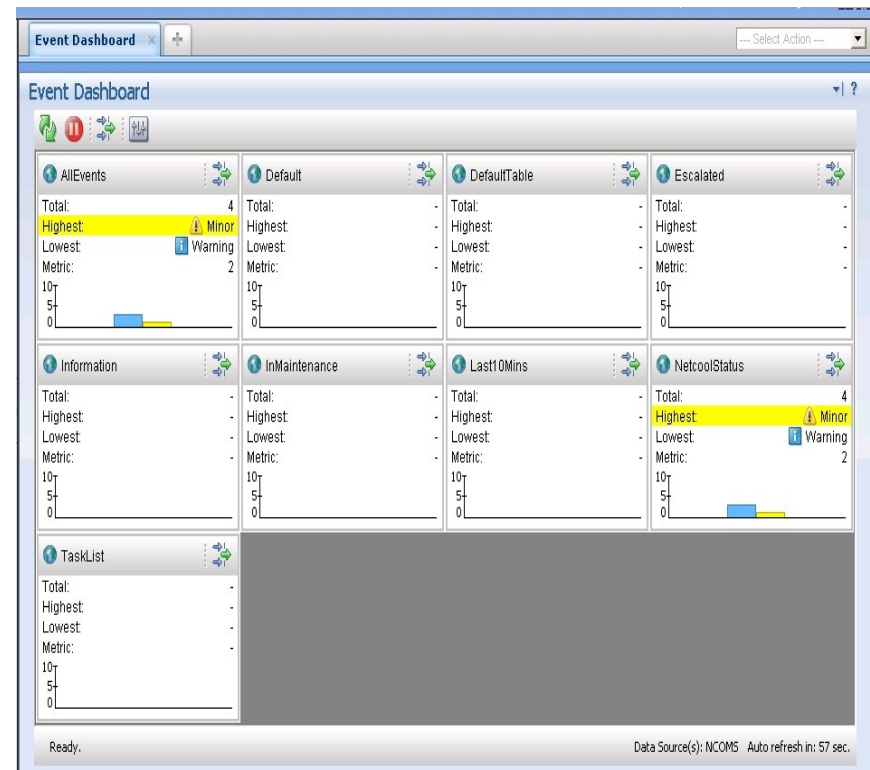


# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Event Dashboards 2.1.0.x



- Event Dashboards 2.2.0.x



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Performance 2.1.0.x



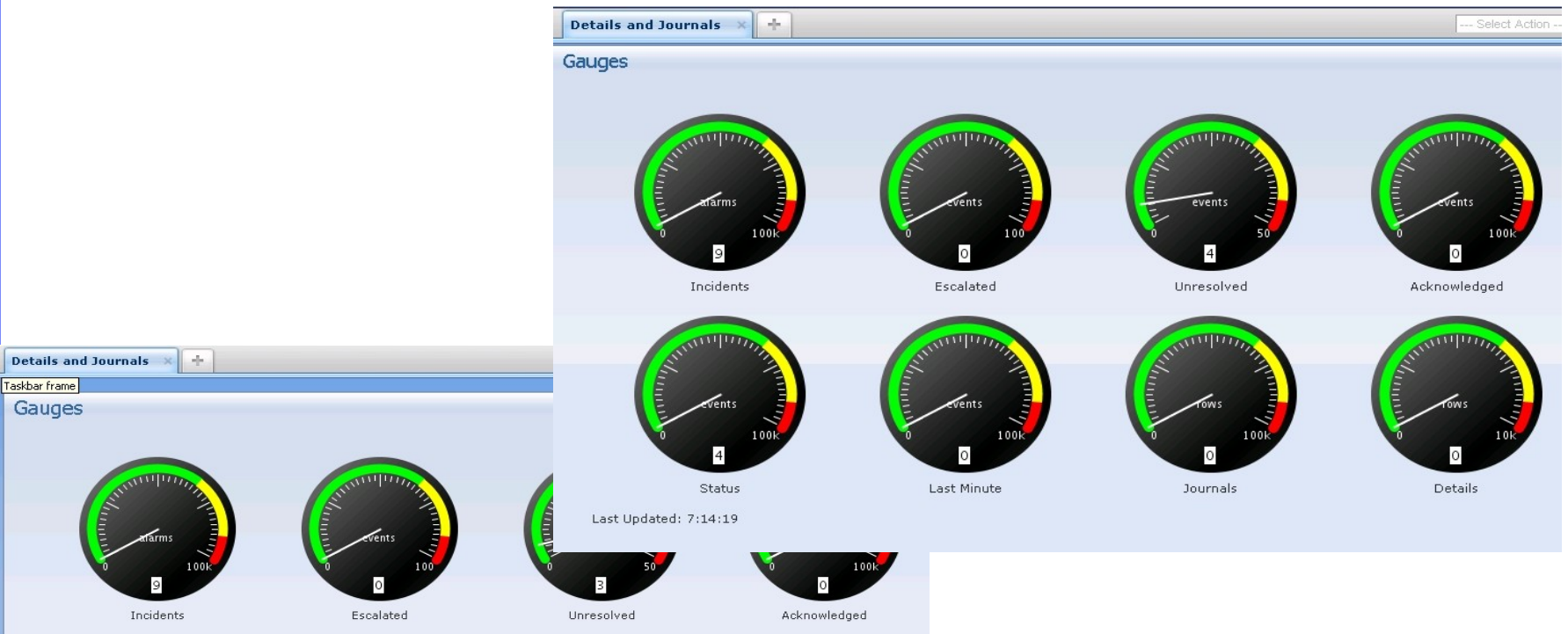
- Performance 2.2.0.x



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Details and Journals 2.1.0.x

- Details and Journals 2.2.0.x



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Active Event List 2.1.0.x

- Active Event List 2.2.0.x

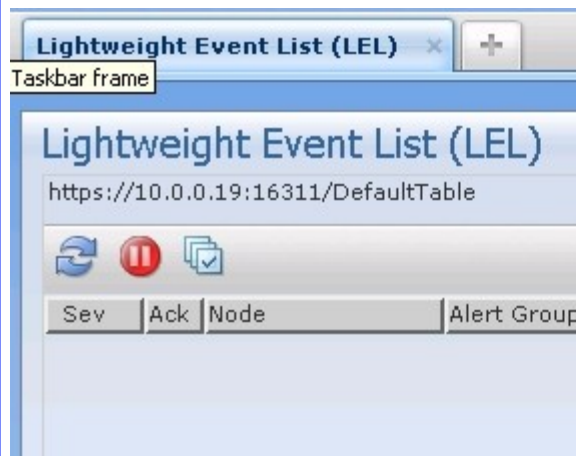
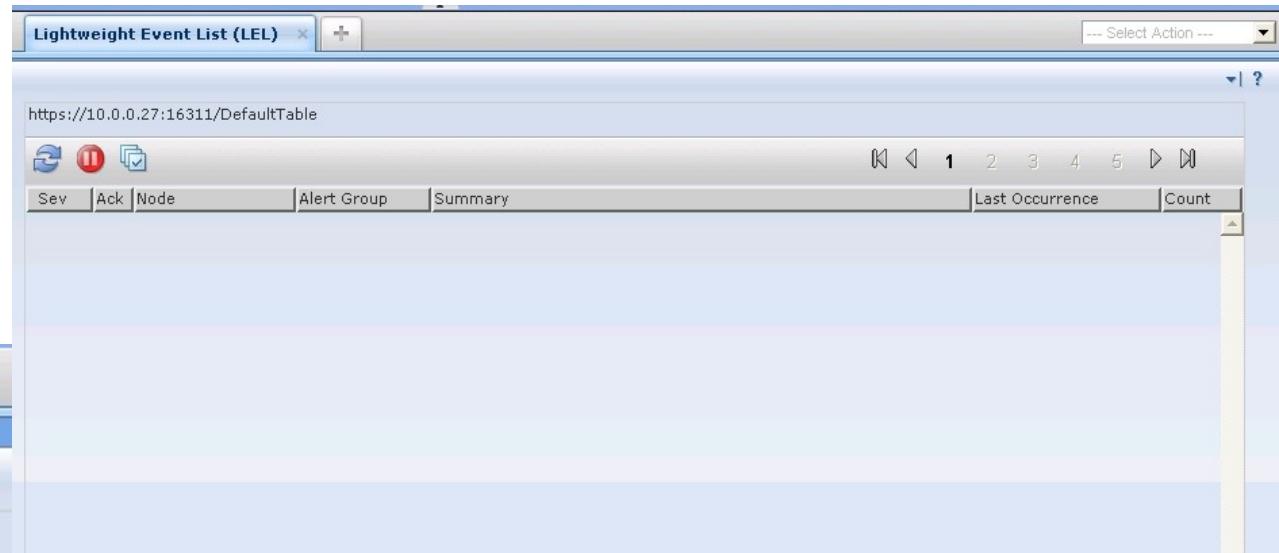
Sev	Ack	Node	Alert Group	Summary	Last Occurrence	Count
Warning	No	localhost.localdoma...	isql	A isql process running on localhost.localdomain has connected as us...	11/11/12 11:42:02 PM	1
Info	No	localhost	Administrator	A Administrator process running on localhost has connected as usern...	11/13/12 5:46:24 AM	1
Info	No	localhost.localdoma...	TIP_NCOS_VM...	A TIP_NCOS_VMM_PRIMARY process running on localhost.localdomai...	11/13/12 6:53:12 AM	1
Info	No	localhost.localdoma...	WEBTOP	A WEBTOP process running on localhost.localdomain has connected ...	11/13/12 6:04:05 AM	6

Sev	Ack	Node	Alert Group	Summary	Last Occurrence
Info	No	localhost	Administrator	A Administrator process running on localhost has connected as usern...	11/13/12 5:46:24 AM
Info	No	localhost.localdoma...	WEBTOP	A WEBTOP process running on localhost.localdomain has connected ...	11/13/12 6:04:05 AM
Info	No	localhost.localdoma...	TIP_NCOS_VM...	A TIP_NCOS_VMM_PRIMARY process running on localhost.localdomai...	11/13/12 6:53:12 AM

# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Lightweight Event List 2.1.0.x

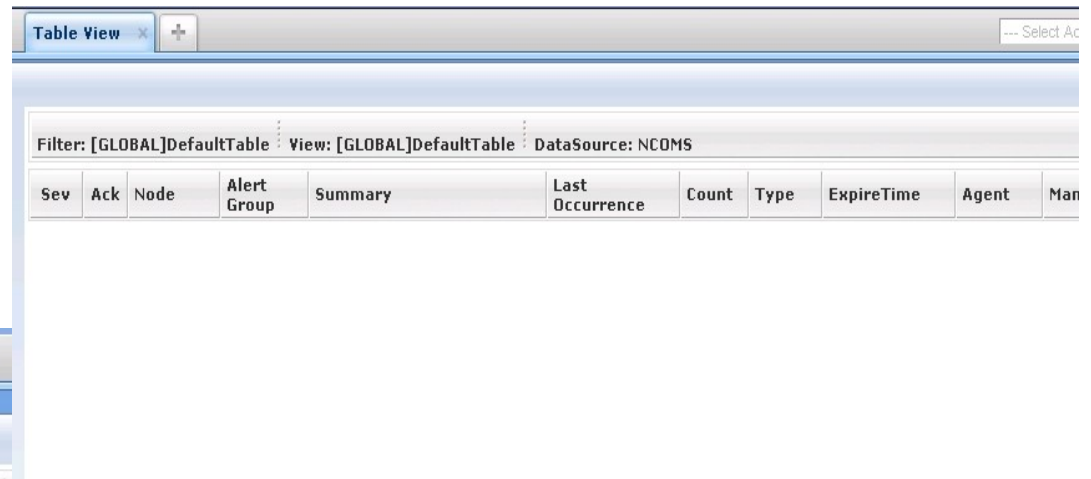
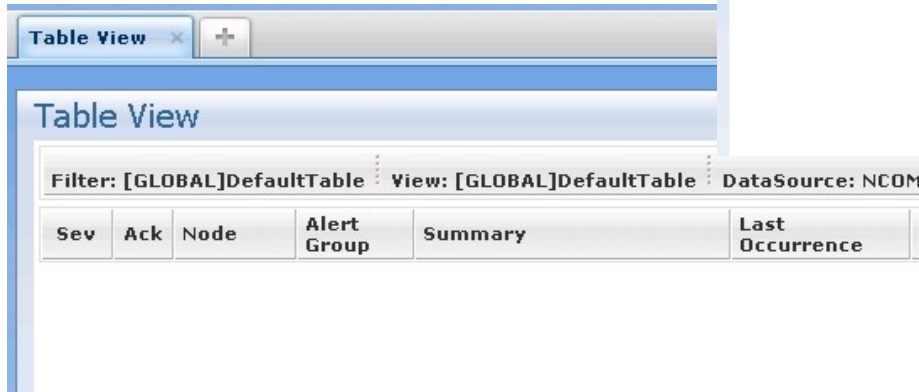
- Lightweight Event List 2.2.0.x



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Table View  
2.1.0.x

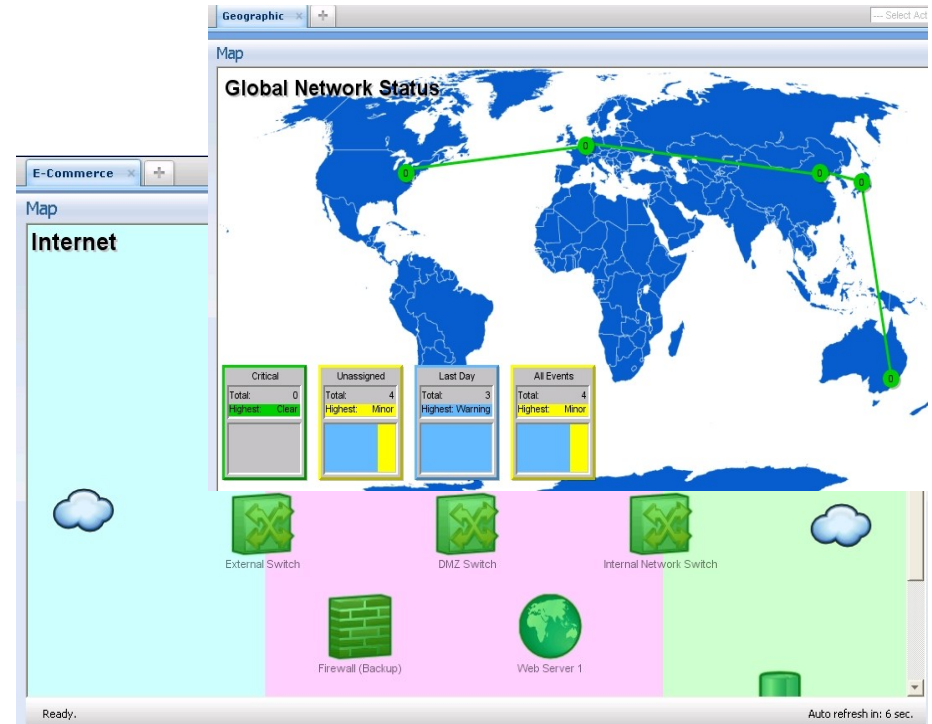
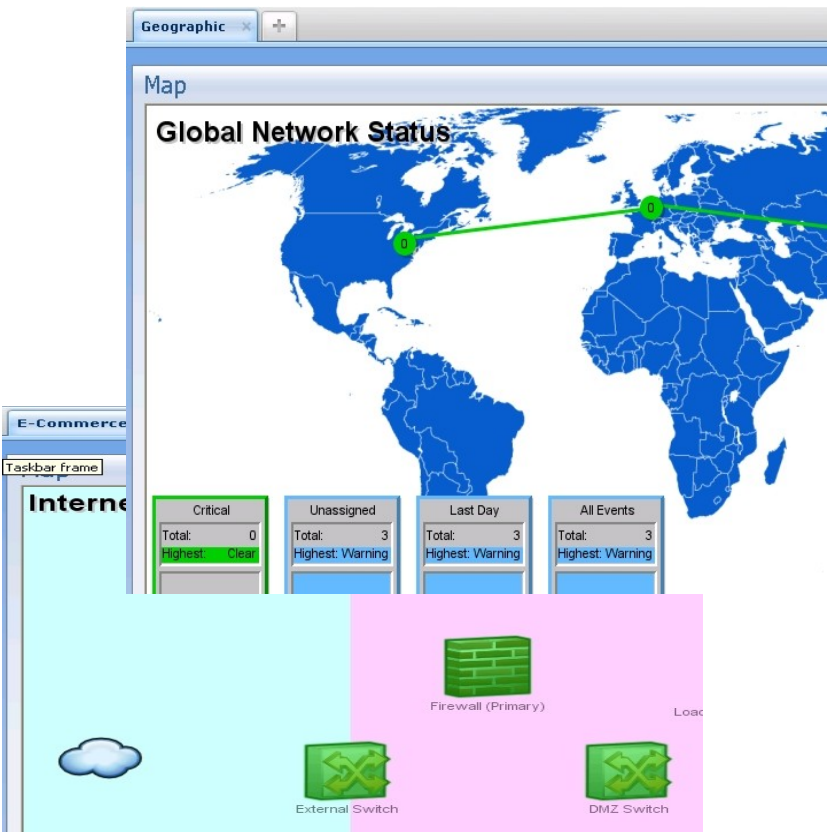
- Table View  
2.2.0.x



# Navigation Menu comparison 2.1.0.x to 2.2.0.x

## ■ Maps 2.1.0.x

## ■ Maps 2.2.0.x





# Navigation Menu comparison 2.1.0.x to 2.2.0.x

- Troubleshooting and Support 2.1.0.x

- Troubleshooting and Support 2.2.0.x

<ul style="list-style-type: none"> <li>[-] Troubleshooting and Support           <ul style="list-style-type: none"> <li>▪ System Information for Tivoli Netcool/OMNIB</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>[-] Troubleshooting and Support           <ul style="list-style-type: none"> <li>▪ System Information for Tivoli Netcool/OMNIBus Web GUI</li> </ul> </li> </ul>
<p>System Information for Tivoli Netcool/OMNIBus Web GUI</p> <pre> ***** Tivoli Netcool/OMNIBus Web GUI DATA REPORT START *****  Tue Nov 13 08:36:09 PST 2012  Tivoli Netcool/OMNIBus Web GUI Server Version ***** Tivoli Netcool/OMNIBus Web GUI: 7.3.1.5 IBM Tivoli Netcool/OMNIBus V7.3.1.5 Web GUI fixpack 5build 546 (09  Dashboard Common Infrastructure (DCI) ***** DCI Security: 2.2.0.0.59  Java Runtime Environment ***** Java version: 1.6.0 Java location: /home/netcool/IBM/tivoli/tipv2/java/jre  Memory Usage ***** JVM total memory: 192249K JVM free memory: 5439K           </pre>	<p>System Information for Tivoli Netcool/OMNIBus Web GUI</p> <pre> ***** Tivoli Netcool/OMNIBus Web GUI DATA REPORT START *****  Tue Nov 13 07:15:48 PST 2012  Tivoli Netcool/OMNIBus Web GUI Server Version ***** Tivoli Netcool/OMNIBus Web GUI: 7.3.1.5 IBM Tivoli Netcool/OMNIBus V7.3.1.5 Web GUI fixpack 5build 546 (09:07 Sep 05 2012)  Dashboard Common Infrastructure (DCI) ***** DCI Security: 2.2.0.0.59  Java Runtime Environment ***** Java version: 1.6.0 Java location: /home/netcool/IBM/tivoli/tipv2/java/jre  Memory Usage ***** JVM total memory: 253943K JVM free memory: 57626K  Platform Information ***** Platform: Linux x86 Platform version: 2.6.32-71.el6.i686           </pre>

## Benefits of 2.2.0.x

- **Benefits**
  - Fix Pack installation
  - Browser Support
  - Client Java Support
  - Future upgradability

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# Questions ?