



# Cisco Prime Service Catalog

Tips and Tricks: Configuring Cascading Style Sheets (CSS)

Applies to version 10.0

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# Configuring CSS to Implement Customer Branding



- Setup a custom style for an OU or tenant
- Configure Prime Service Catalog CSS for a tenant
  - Including Service Catalog Home Page, Service Category Page, Service Detail Page
- What does a customer-branded Service Catalog page look like?
- Configuring the Service Portal Module Header

# Setup a custom style for an OU or tenant

- The Service Catalog module is powered by HTML5, which means the techniques for configuring and customizing an HTML5 web application applies.
- This short tutorial describes how to setup an organizational unit that has custom style. For Prime Service Catalog 10.0 R2 or earlier, use IE8 for this operation. With 10.1, you can use IE10 or Firefox.
- To start with, locate the custom directory under RequestCenter.war directory. On Windows, it may be found at C:\CiscoPrimeServiceCatalog\jboss-as-7.1.1.Final\RequestCenterServer\deployments\RequestCenter.war\custom
- The examples CSS files are under the “ServiceCatalogExamples” directory.
- To start your CSS work, copy ServiceCatalogExample to a new directory, e.g. C:\CiscoPrimeServiceCatalog\jboss-as-7.1.1.Final\RequestCenterServer\deployments\RequestCenter.war\custom\Small Company
- Create a user and an organizational unit (OU) called The Small Firm.
- Now go to Administration module, and set up a custom style for Small Company, following steps 1 through 5.

The screenshot shows the Administration module interface. At the top, there is a user dropdown set to 'admin admin' and a menu set to 'Administration'. Below this are tabs for 'ifications', 'Lists', 'Settings', and 'Utilities'. The main content area is titled 'Custom Style Properties' and contains the following elements:

- An 'Add' button with a question mark icon in the top right corner.
- A right-hand navigation menu with links: 'Customizations', 'Person Popup', 'Entity Homes', 'Debugging', 'Custom Styles' (highlighted with a red '1'), and 'Data Source Registry'.
- The 'Custom Style Properties' form with the following fields:
  - 'Name': 'The Small Company' (with a red '2' next to it).
  - Checkboxes: 'Make this Style the default for the entire site' (unchecked), 'Apply this Style to all Sub OUs' (checked, with a red '3' next to it), and 'Apply this Style to Service Catalog' (checked).
  - 'Style Directory': 'Small Company' (with a red '4' next to it) and a 'Browse...' button.
  - 'Description': An empty text area.
- 'Update' and 'Delete' buttons below the form.
- A section titled 'Associated Organizational Units' containing a table:

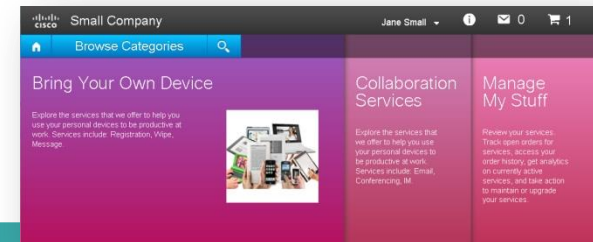
Name	Description
<input type="checkbox"/> The Small Firm (with a red '5' next to it)	
- At the bottom of the table, there are 'Add' and 'Remove' buttons, and a pagination control showing 'Items 1 - 1 of 1'.

# Configure Service Catalog CSS for a tenant #1

- There are a few files under C:\CiscoPrimeServiceCatalog\jboss-as-7.1.1.Final\RequestCenterServer\deployments\RequestCenter.war\custom\Small Company\application that you can modify. Copy example\_before.html to before.html, and do the same for example\_head.html as well as example\_after.html.
- The three main files to start with
  - before.html** – The content of this file is prepended to the <body> of the HTML document. You can use this file to override product strings before they are displayed. For example, the product name in the header uses string ID 15162, so you can make the product show “Small Company” by inserting this block into before.html:
    - <script>
    - serviceCatalogMessage.putString("15162", "Small Company");
    - </script>
  - Use **Firebug** or other web developer tools to examine the HTML source code of the Service Catalog module. You will see other strings that you can override in the format of “serviceCatalogMessage...”
  - head.html** – The content of this file is injected into the end of the <head> section of the HTML document. You can override the colors and styles specified by the various HTML classes

and elements on the web page. For example, I use the following color settings to create an ugly version Small Company “homeslider”.

```
<style>
.homeslider .blocks.block1 {
    background-color: #9E6F9A; // #2B6F9A;
    background-image: linear-gradient(to bottom, #985DC2, #B6115E); // #258DC2, #04415E);
    background-repeat: repeat-x;
}
.homeslider .blocks.block2 {
    background-color: #9E6F9A; // #2B6F9A;
    background-image: linear-gradient(to bottom, #D486C0, #B43557); // #6486C0, #213557);
    background-repeat: repeat-x;
}
.homeslider .blocks.block3 {
    background-color: #9E6F9A; // #2B6F9A;
    background-image: linear-gradient(to bottom, #EE86C0, #BE3157); // #7B86C0, #2B3157);
    background-repeat: repeat-x;
}
</style>
```



# Configuring Service Catalog CSS for a tenant #2

- The third file that you can modify in the custom\style directory is
  - **after.html** – The content in this file is appended at the end of the html <body>.
- Other files in the directory are available if you want to do more extensive customization of the UI but it is beyond the scope of this high level tutorial.
- You can change the default Cisco Logo to some other company logo in the **head.html** file, as it is a style override. The following code overrides the logo and page header background to a fictional company, **ACME, Inc.**
- Notice that the logo image is stored under **custom/<company name>/images** directory.

## Example head.html CSS for ACME, Inc.

```
<style>
.navbar-inner {
    background-color: transparent;
    background-image: none;
    filter: progid:DXImageTransform.Microsoft.gradient(enabled=false); /* disable the gray
header bar in IE as ACME's header background is white */
}
.navbar .nav {
    color: #333;
    text-shadow: none;
}
```

```
.navbar .nav > li > a {
    color: #333;
    text-shadow: none;
}
.psc-goto-cart {
    color: #333 !important;
}
.psc-top-icon {
    border: 2px solid #333;
    background-color: #333;
}

/* Change company logo */
.psc-header .navbar .brand {
    background-image: url("/RequestCenter/custom/ACME/images/acme.png");
    background-repeat: no-repeat;
    background-position: 0 .514em;
    background-size: 75px auto;
    padding-left: 3em !important;
    padding-top: 0.25em !important;
    padding-right: 5em !important;

    font-size: 1.571em;
    line-height: 2.28em;
    color: #333; /* ACME's website H1 color */
    text-shadow: none;
} /* Change company logo */

</style>
```

# Configuring Service Catalog CSS for a tenant #3

## Example head.html CSS for ACME, Inc. (continued)

```
<style>
```

```
/* The following block changes the colors "Home", "Browse Categories" and  
magnifying glass (search) box to orange(!), including the search box hover state  
*/
```

```
.categories > .navbar li.menu.menu > a, .categories > .navbar  
li.menuHome.menu > a, .categories > .navbar li.search.menu > a {  
    background: none repeat scroll 0 0 orange;  
}
```

```
.categories > .navbar li.menu > a, .categories > .navbar li.menuHome > a,  
.categories > .navbar li.search > a {  
    background: none repeat scroll 0 0 orange;  
}
```

```
.categories > .navbar li.menu, .categories > .navbar li.menuHome, .categories >  
.navbar li.search {  
    background: orange;  
}
```

```
.categories > .navbar li.menu:hover, .categories > .navbar li.menuHome:hover,  
.categories > .navbar li.search:hover {  
    background-color: orange;  
    background-image: linear-gradient(to bottom, orange, orange);
```

```
    background-repeat: repeat-x;  
}
```

```
/* This changes the navbar background color to the right of the Home, Browse  
Categories and magnifying glass box. */
```

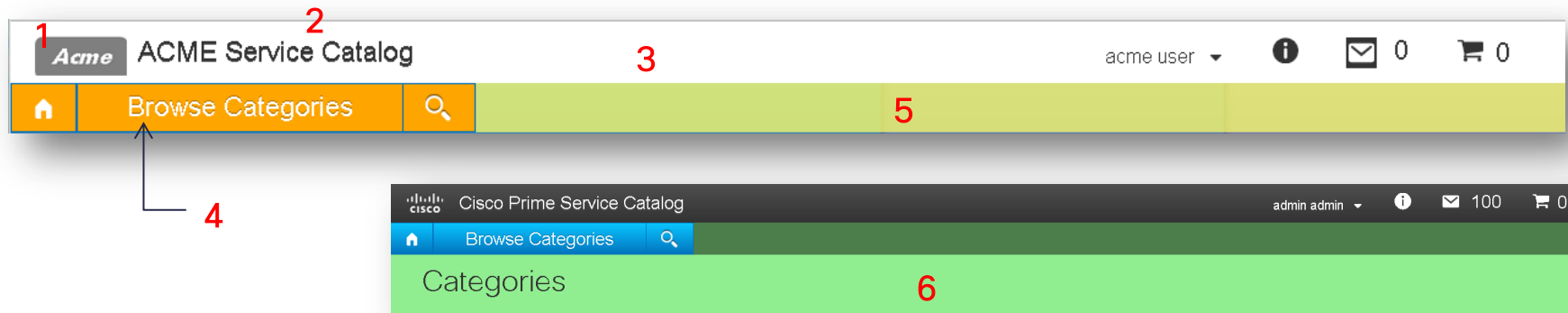
```
.categories > .navbar {  
    background-color: rgba(255, 255, 102, 0.75); /* this sets the color and  
transparency of the navbar */  
}
```

```
.page-heading { /* This overrides the default : background-image:  
url("../ngc/img/page_heading_bg.png"); in the "Categories" view, so the color  
behind the "Categories" text is light green rather than the blue from the png. */  
    background-color: lightgreen;  
    background-image: none;  
}
```

```
</style>
```

# What does the ACME-branded Service Catalog page look like?

- What were customized and the CSS tag used:
  - Logo - `.psc-header .navbar .brand`
  - Product name - `string ID 15162`
  - Background color of the banner holding logo and product name - `navbar*`
  - Background color(s) of the Home, “Browse Categories” and “Magnifying Glass” controls - `.categories > .navbar*`
  - Background color of the navbar to the right of #4 - `.categories > .navbar*`
  - Background color of the “Categories” bar in the service category view - `page-heading`



# Configuring the Service Portal Module Header #1

- The header for the Service Portal module can be configured by using the `portal-custom-header.css` file under the `custom/style` directory/.
- This file will be loaded at the end of the `<head>` section for all Portal Module pages.
- The following example works well if
  - Logo is rectangular and close to H:92x V:33px
  - Portal name is “Service Catalog”, which is the out-of-box *HeaderAppSubTitle*.
- Change the portal module header with the following CSS settings:

```
.reboot2 .xwtBackgroundSimplified {  
    background: transparent !important;  
}  
/*style to modify logo image*/  
.reboot2 .applicationHeader17 .applicationLogoImage {  
    background: url("images/acme.png") no-repeat transparent !important;  
    /*background-repeat: no-repeat;
```

```
        background-position: 0 .514em;  
        background-size:75px auto;  
        padding-left: 3em!important;  
        padding-right: 5em!important;*/  
        height: 33px !important;  
        width:92px !important;  
        /* Note: un-comment display property to hide the Product Logo if needed */  
        /*display:none !important;*/  
    }  
    /* This style is used to display or hide the Product Title in Portal  
    modules  
    See Also: .applicationHeaderAppSubTitle, .applicationLogoImage,  
    .applicationHeaderLogoText style - which will be the new style used  
    to display branding logo  
    */  
.reboot2 .applicationHeader17 .applicationHeaderAppName {  
    visibility: hidden; /* set to hidden because the AppName is set to  
    “ACME”, which duplicates the text in the logo */  
    }
```



# Configuring the Service Portal Module Header #2

- Now if your logo is significantly larger than 90x30 pixels or you need a different app name than “Service Catalog”, you need to do more.
- The following example handles these branding requirements
  - Logo is larger, 135x70 pixels
  - Portal name is “Cloud Manager”, which different from the out-of-box “Service Catalog”. (Note required changes in “Configuring the Service Portal Module Header #3”)
- Change the portal module header with the following CSS settings:
  - `.reboot2 .xwtBackgroundSimplified {`
  - `background: transparent !important;`
  - `}`
  - `.reboot2 .applicationHeader17 {`
  - `padding-left: 5px !important;`
  - `}`
  - `/*style to modify logo image*/`
  - `.reboot2 .applicationHeader17 .applicationLogoImage {`
  - `background: url("/RequestCenter/custom/style_dir/images/customer_logo.png") no-repeat scroll`
  - `-2px -8px transparent !important;`
  - `background-size: auto auto !important;`

- `height: 73px !important;`
- `line-height: 70px !important;`
- `top: 1px !important;`
- `width: 130px !important;`
- `}`
- `// This style will reduce the left right and top padding for logo container`
- `.reboot2 .applicationHeader17 .applicationHeaderLogo {`
- `margin-left: 2px !important;`
- `margin-right: 2px !important;`
- `padding-top: 5px !important;`
- `}`
- `.reboot2 .applicationHeader17 .applicationHeaderAppSubTitle {`
- `color: #202020;`
- `cursor: default;`
- `font-size: 17px !important;`
- `font-weight: bold !important;`
- `font-family: CiscoSans,Arial,"Helvetica Neue",Helvetica,sans-serif !important;`
- `text-shadow: 0 0.071em 0 #585858 !important;`
- `}`



# Configuring the Service Portal Module Header #3

- If you are changing the application name from “Service Catalog”, you also need to customize the PortalFullpagePrimeUi.js file. In this example, it is changed to “Cloud Manager”
- On Windows: This file may be located in C:\CiscoPrimeServiceCatalog\jboss-as-7.1.1.Final\RequestCenterServer\deployments\RequestCenter.war\ns360\js\PortalFullpagePrimeUi.js
- Search for the function name “getNavItems”

```
appSubTitleDiv.style.display = "block !important";
appSubTitleDiv.innerHTML = "Cloud Manager";

return navItems; // existing code
```

```
if(defaultSelectedId != ""){ // existing code
    // existing code
    navItems.items.defaultSelected = defaultSelectedId;
} // existing code
```

```
navItems.items.toolbar.push(getToolbar()); // existing code
```

```
// Overwrite the app header text with customer's application name "Cloud Manager"
// If text need to add for AppName div then from custom css file its "visibility"
// attribute should be "block !important"
```

```
var appNameDiv = dojo.query('.applicationHeaderAppName')[0];
appNameDiv.style.display = "block !important";
appNameDiv.innerHTML = "Cloud Manager";
var appSubTitleDiv = dojo.query('.applicationHeaderAppSubTitle')[0];
```

