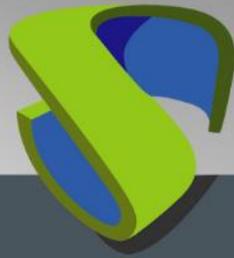




VIRTUAL
CABLE

UDS Enterprise Graphic Customization



UDS
ENTERPRISE

3.6



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1. Introduction

UDS Enterprise allows its customization to provide the tool with the corporate appearance necessary for each client. We can modify the different access sections related to users, the login portal as well as the download sections for actors and clients.

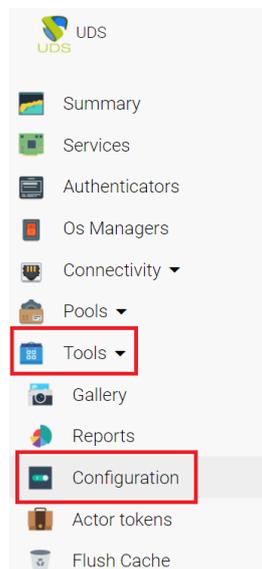
It will not be possible to customize any section of the UDS Enterprise administration.

Customization is done quickly and easily from the software's administration panel itself, with specific fields for some sections and the use of HTML5 tags and language.

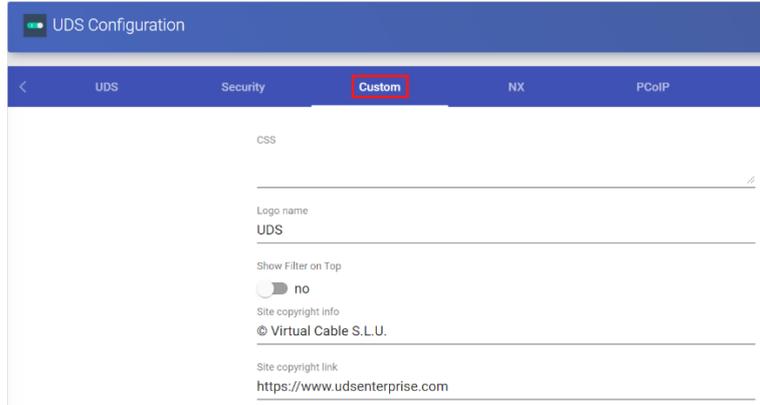
2. UDS administration panel

In this section we are going to explain some of the possible modifications that can be made from the UDS Enterprise Dashboard. In order to carry out these customizations we must carry out the following actions:

- Access UDS Enterprise with a user with administrator permissions.
- Enter the UDS Enterprise Dashboard.
- In the side menu we will go to "Tools\Settings".



- We will click on the “Custom” tab.

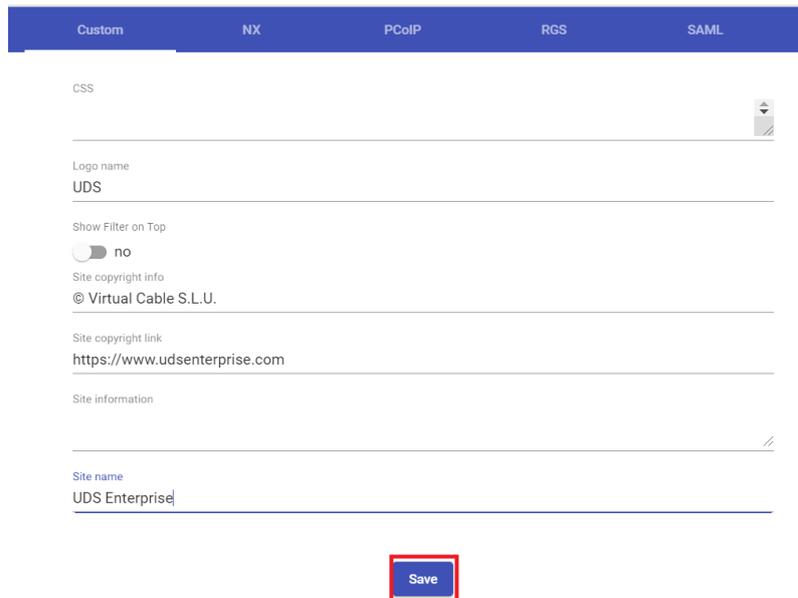


The screenshot displays the 'UDS Configuration' interface. At the top, there is a navigation bar with tabs for 'UDS', 'Security', 'Custom', 'NX', and 'PCoIP'. The 'Custom' tab is highlighted with a red box. Below the navigation bar, the 'Custom' configuration page is visible, featuring several input fields and a toggle switch:

- CSS**: An empty text input field with a small icon on the right.
- Logo name**: A text input field containing the text 'UDS'.
- Show Filter on Top**: A toggle switch currently set to 'no'.
- Site copyright info**: A text input field containing the text '© Virtual Cable S.L.U.'.
- Site copyright link**: A text input field containing the URL 'https://www.udsenderprise.com'.

2.1 CSS field

In this field we are going to add the visual modifications that we need to make in the login portal and user services through "css" tags. After completing the configuration, we will click on the "save" button to apply the changes made.

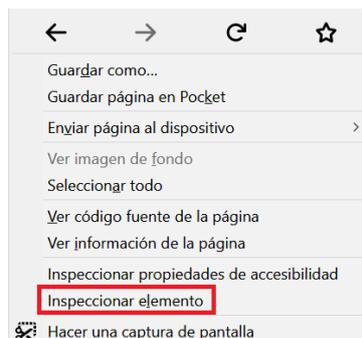


We must press F5 or refresh the page to see the result of the change.

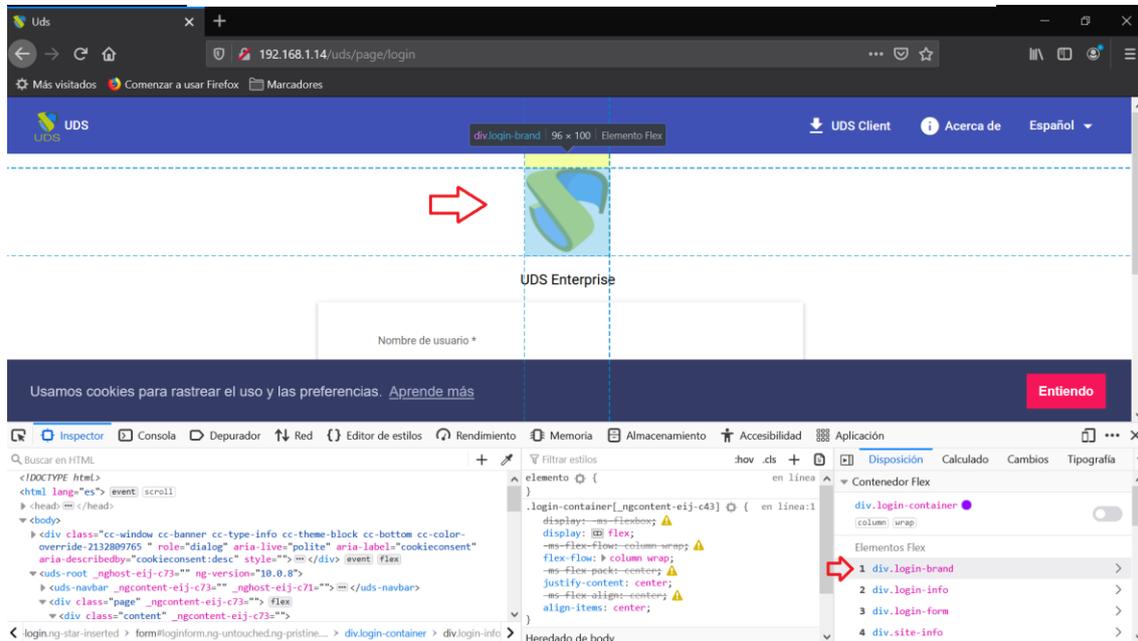
2.1.1 Identify the parameter to modify

In this section we are going to explain how to identify the necessary labels to be able to make the modification from the UDS Enterprise administration. For this we will need to rely on a browser, for example: Mozilla Firefox.

After opening the browser with the URL of our UDS Server, we will press the right button, and in the drop-down menu we will select "Inspect element":



At the bottom of the browser will open the content of the web page. We can identify the section and the element that we want to modify by clicking on the different sections, such as identifying the login image:

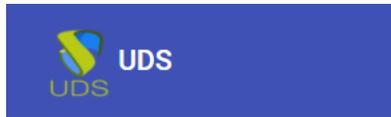


Once we have identified the field we want to modify, we can go to the UDS Enterprise administration and make the change we need.

Next, we show various customization examples that you can rely on to make your own configuration.

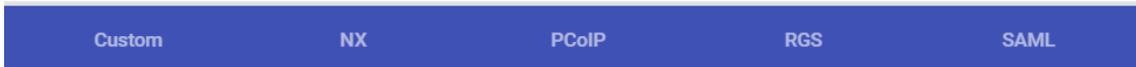
2.1.2 Examples of modification of the "CSS" field

2.1.2.1 Change the icon on the top left



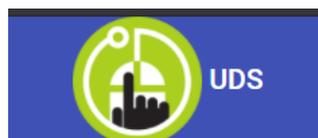
To make the modification of this section of the web we must enter the label "udsicon" in the "css" field. With HTML code we will indicate the size, the area in which we want to apply the change and where the image is located. Example:

```
.udsicon {
width:64px;
height:64px;
box-sizing: border-box;
padding-left:64px;
background: url('https://www.udsenderprise.com/static/img/test.png') left top no-repeat;
background-size: 64px 64px;
}
```



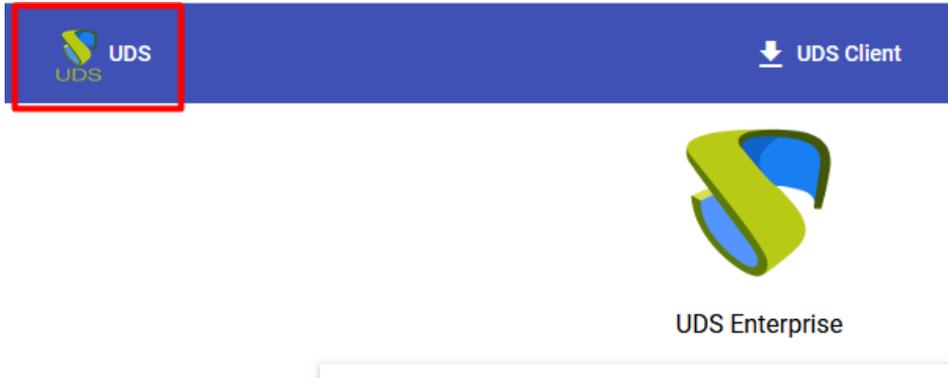
```
CSS
.udsicon {
width:64px;
height:64px;
box-sizing:border-box;
padding-left:64px;
background: url('https://www.udsenderprise.com/static/img/prueba.png') left top no-repeat;
background-size: 64px 64px;
}
```

After applying the modification, the result would be the following:



2.1.2.2 Remove icon from top left

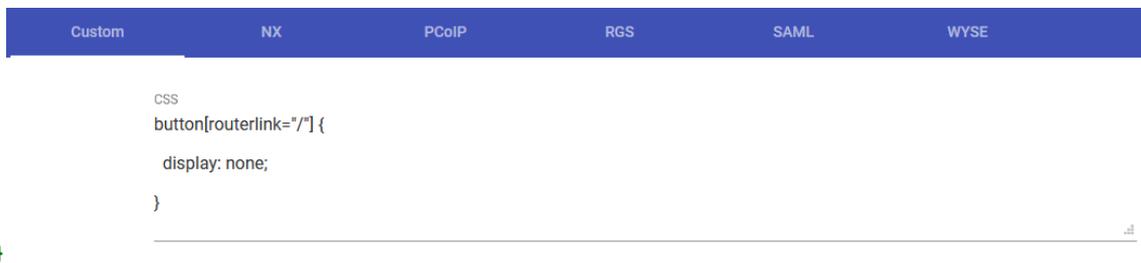
This section details how to remove the icon from the top bar of the access page to UDS Enterprise:



We will introduce the following code in the CSS section of the configuration:

```
button[routerlink="/"] {
```

```
display: none;
```

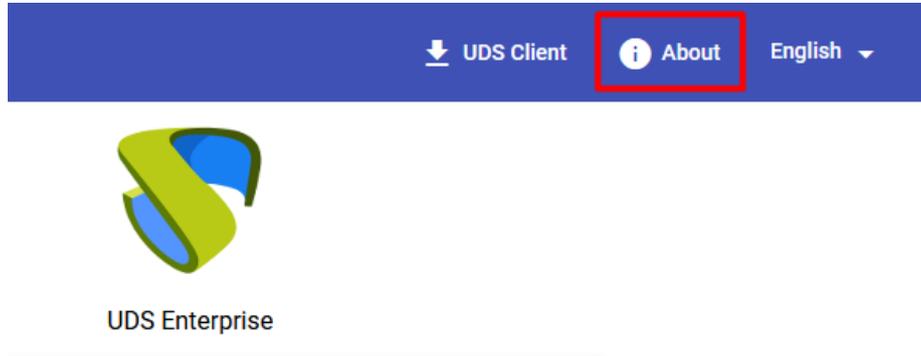


Once the code is entered, this is the result:



2.1.2.3 Remove the “about” link from the top bar

This section shows how to remove the "about" link from the access page to UDS Enterprise:



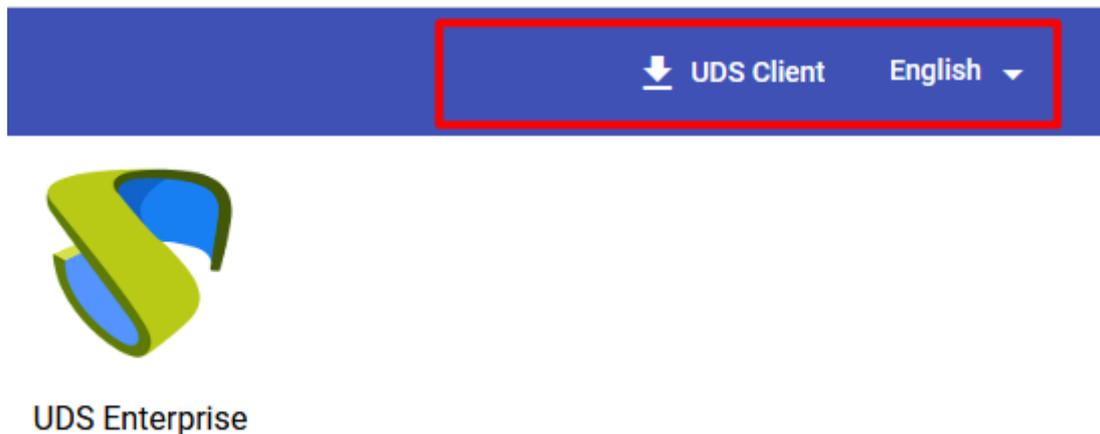
In the CSS section of the UDS Enterprise configuration we will insert the following code:

```
button[routerlink="/about"] {
```

```
display: none;
```



The result after adding the code:



2.1.2.4 Remove the download link of the UDS Client

This section explains how to remove the UDS Client download link from the UDS Enterprise home page:



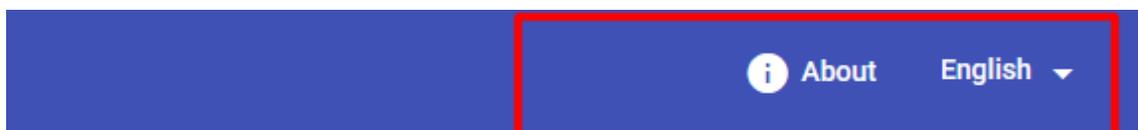
UDS Enterprise

In the CSS section of the UDS Enterprise configuration we will insert the following code:

```
button[routerlink="/client-download"] {  
display: none;  
}
```



The result after the modification would be:



UDS Enterprise

2.1.2.5 Add links in the top bar

In this section, we are going to detail the tasks to be carried out to add one or more links at the top of the user area.



UDS Enterprise

In order to add links to the top bar of the home page, we must enter the UDS Server (Using WinSCP or similar software) and access the index.html file in the path /var/server/uds/templates/uds/modern /index.html and in the line where it says <body> we will replace it with the following code:

```
<script type="text/javascript">
function updateLinks() {
try {
var placeholder = document.getElementsByTagName('uds-
navbar')[0].getElementsByTagName('button')[1];
placeholder.insertAdjacentHTML('afterend', '<a class="mat-focus-
indicator mat-button mat-button-
base" href="https://www.udsenderprise.com/">Link Text</a>');
} catch(error) {
setTimeout(updateLinks, 400);
}
}
</script>
<body onload="updateLinks();">
```

NOTE: When copying the code, it is possible that its format is not correct depending on the browser and application used. In the following screenshot you will see the necessary format for its correct operation:

```
<script type="text/javascript">
function updateLinks() {
  try {
    var placeholder = document.getElementsByTagName('uds-navbar')[0].getElementsByTagName('button')[1];
    placeholder.insertAdjacentHTML('afterend', '<a class="mat-focus-indicator mat-button mat-button-base" href="https://www.udsenderprise.com/" target="_blank">Cambiar Contraseña</a>');
  } catch(error) {
    setTimeout(updateLinks, 400);
  }
}
</script>
<body onload="updateLinks();">
```

Here is the change:

```

/var/server/uds/templates/uds/modern/index.html - root@192.168.0.6 - Editor - WinSCP
[Icons] Encoding Color [Settings] [Help]
<body>
  <uds-root>
    <!-- loading layout replaced by app after startupp -->
    <div class="app-loading">
      <div class="logo"></div>
      <svg class="spinner" viewBox="25 25 50 50">
        <circle class="path" cx="50" cy="50" r="20" fill="none" strok
      </svg>

```

```

/var/server/uds/templates/uds/modern/index.html - root@192.168.0.6 - Editor - WinSCP
[Icons] Encoding Color [Settings] [Help]
<script type="text/javascript">
function updateLinks() {
  try {
    var placeholder = document.getElementsByTagName('uds-navbar')[0].ge
    placeholder.insertAdjacentHTML('afterend', '<a class="mat-focus-ind
    // Repeat previous line to create more links...
  } catch(error) {
    setTimeout(updateLinks, 400); // Retry later
  }
}
</script>
<body onload="updateLinks();">

```

We will modify the code href="<http://www.udsenderprise.com>" replacing it with the URL to which we want the link to go.

```

/var/server/uds/templates/uds/modern/index.html - root@192.168.0.6 - Editor - WinSCP
[Icons] Encoding Color [Settings] [Help]
<script type="text/javascript">
function updateLinks() {
  try {
    var placeholder = document.getElementsByTagName('uds-navbar')[0].getElementsByTagName('button')[1];
    placeholder.insertAdjacentHTML('afterend', '<a class="mat-focus-indicator mat-button mat-button-base" href="http://www.udsenderprise.com">link text</a>');
    // Repeat previous line to create more links...
  } catch(error) {
    setTimeout(updateLinks, 400); // Retry later
  }
}
</script>
<body onload="updateLinks();">

```

To modify the text that will appear as a link, we will modify the text "Link text", by which we want it to appear.

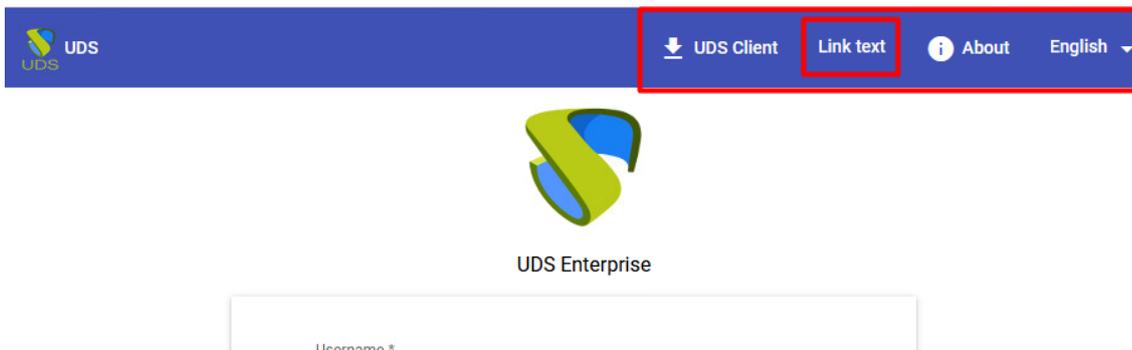
```
href="http://www.udsenderprise.com">Link text</a>');
```

```

/var/server/uds/templates/uds/modern/index.html - root@192.168.0.6 - Editor - WinSCP
Encoding - Color
<script type="text/javascript">
function updateLinks() {
  try {
    var placeholder = document.getElementsByTagName('uds-navbar')[0].getElementsByTagName('button')[1];
    placeholder.insertAdjacentHTML('afterend', '<a class="mat-focus-indicator mat-button mat-button-base" href="http://www.udsenderprise.com">Link text</a>');
    // Repeat previous line to create more links...
  } catch(error) {
    setTimeout(updateLinks, 400); // Retry later
  }
}
</script>
<body onload="updateLinks();">

```

This is the result of the modification:



If we want to add another additional link, we will add the following line of code (with the link and text changed to the desired ones):

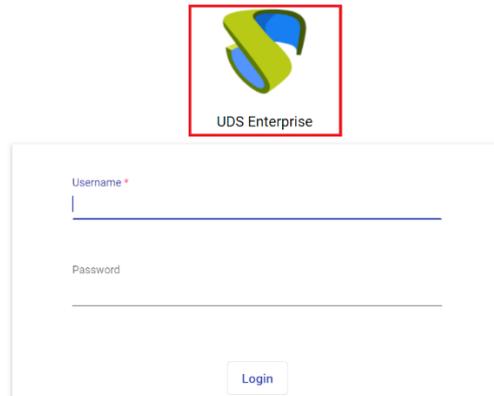
```
placeholder.insertAdjacentHTML('afterend', '<a class="mat-focus-indicator mat-button mat-button-base" href="http://www.udsenderprise.com">Link text</a>');
```

```

/var/server/uds/templates/uds/modern/index.html - root@192.168.0.6 - Editor - WinSCP
Encoding - Color
<script type="text/javascript">
function updateLinks() {
  try {
    var placeholder = document.getElementsByTagName('uds-navbar')[0].getElementsByTagName('button')[1];
    placeholder.insertAdjacentHTML("afterend", '<a class="mat-focus-indicator mat-button mat-button-base" href="http://www.udsenderprise.com">Link text</a>');
    placeholder.insertAdjacentHTML("afterend", '<a class="mat-focus-indicator mat-button mat-button-base" href="http://www.demouudsenderprise.com">Link text 2</a>');
    // Repeat previous line to create more links...
  } catch(error) {
    setTimeout(updateLinks, 400); // Retry later
  }
}
</script>
<body onload="updateLinks();">

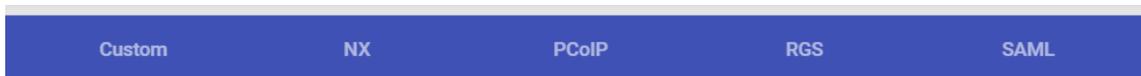
```

2.1.2.6 Change the login screen logo



To modify this section of the website, we must enter the label “login-brand img” in the “css” field. With HTML code we will indicate the size, the area in which we want to apply the change and where the image is located. Example:

```
.login-brand img {
width:96px;
height:96px;
box-sizing: border-box;
padding-left:96px;
background:url('https://www.udsenderprise.com/static/img/test.png')
left top no-repeat;
background-size: 96px 96px;
}
```



```
CSS
.login-brand img {
width:96px;
height:96px;
box-sizing:border-box;
padding-left:96px;
background:url('https://www.udsenderprise.com/static/img/prueba.png')
left top no-repeat;
background-size: 96px 96px;
}
```

After applying the modification, the result would be the following:



UDS Enterprise

Username *

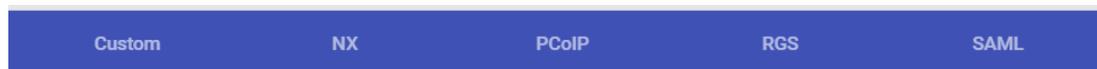
Password

2.1.2.7 Change the color of the top bar and the text in the login portal



To modify this section of the website, we must enter the label “mat-toolbar.mat-primary” in the “css” field. With HTML code we will indicate the area where we want to apply the change and the color we want to use. Example:

```
.mat-toolbar.mat-primary {  
background: #646e01;  
colour: #000;  
}
```

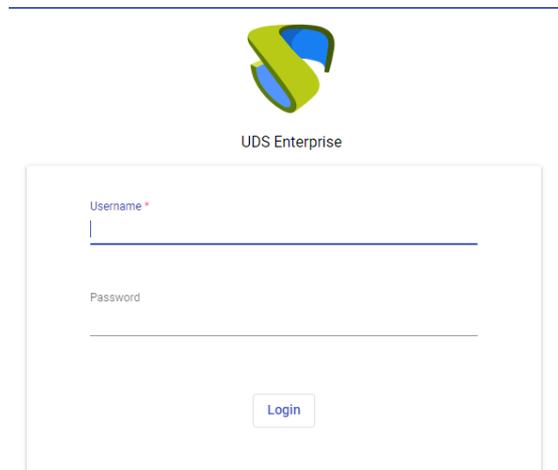


```
CSS  
.mat-toolbar.mat-primary {  
background: #646e01;  
color: #000;  
}
```

After applying the modification, the result would be the following:

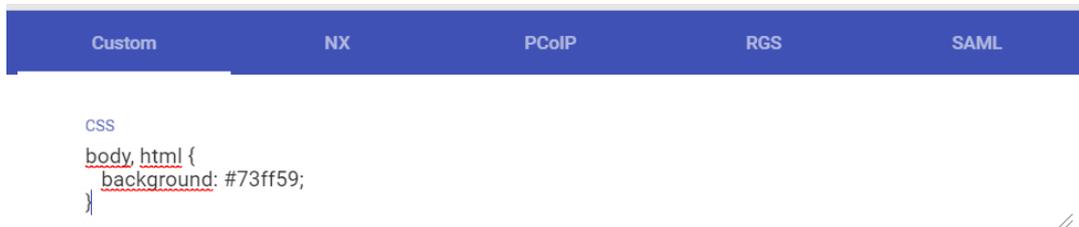


2.1.2.8 Change the background color of the portal

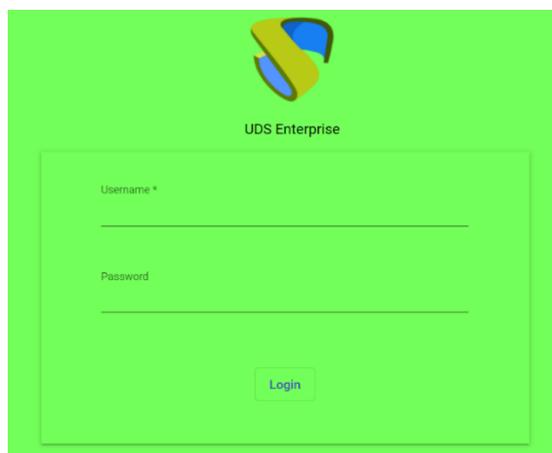


To modify this section of the website, we must enter the "background" label in the "css" field. With HTML code we will indicate the color that we want to use. Example:

```
body, html {
background: #73ff59;
}
```



After applying the modification, the result would be the following:

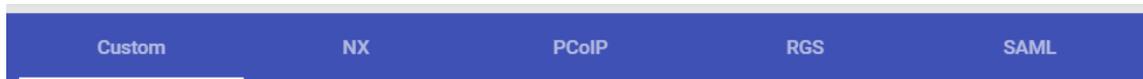


2.1.2.9 Change the size of the top bar



To modify the size of this section of the web, in the event that the image used is larger than the size of the bar, we must enter the label "mat-toolbar-row.mat-toolbar" in the "css" field - single-row". With HTML code we will indicate the size of the bar. Example:

```
.mat-toolbar-row, .mat-toolbar-single-row {
height: 128px !important;
}
```

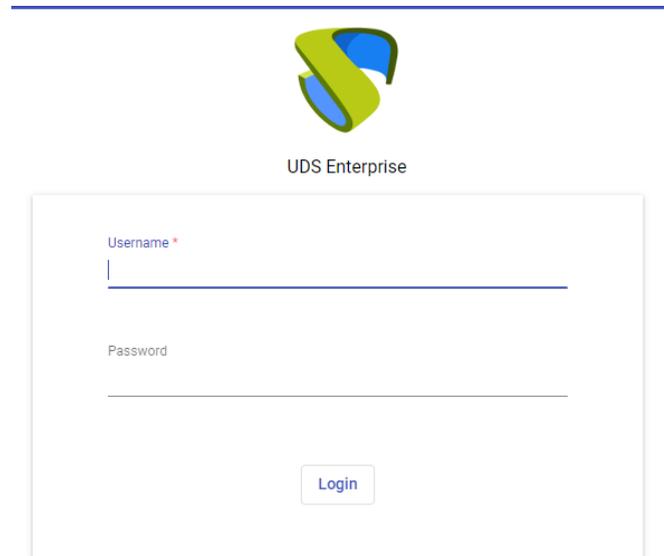


```
CSS
.mat-toolbar-row, .mat-toolbar-single-row {
height: 128px !important;
}
```

After applying the modification, the result would be the following:

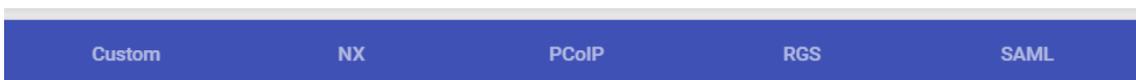


2.1.2.10 Change the position of the logo and the login screen form



If we have modified the size of the top bar, we must change the position of both the logo and the login screen form. To modify the positioning of the login image, in the event that the top bar overlaps, we must enter the "login-brand" label in the "css" field. With HTML code we will indicate the position where we want to place it. Example:

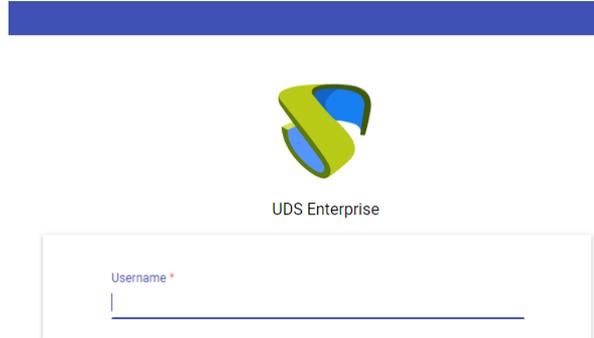
```
.login-brand {
padding: 1rem 0 0;
}
```



```
CSS
.login-brand {
padding: 1rem 0 0;
}
```

//

After applying the modification, the result would be the following:

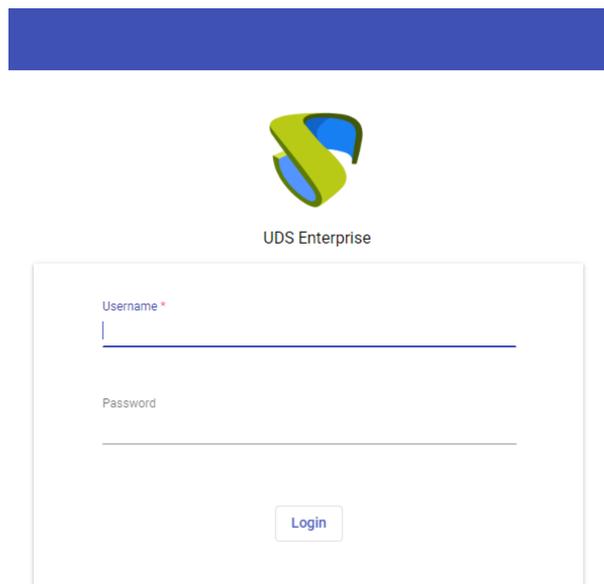


To modify the positioning of the login form, in the event that the top bar overlaps, we must enter the "content" label in the "css" field. With HTML code we will indicate the font size. Example:

```
.content {
margin: 5rem auto 0 !important;
}
```



After applying the modification, the result would be the following:

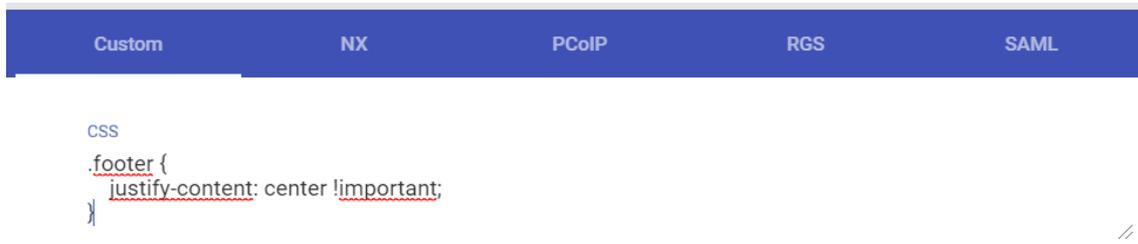


2.1.2.11 Change the positioning of the name of the software development company



To modify the positioning of the name of the software development company, we must enter the "footer" label in the "css" field. With HTML code we will indicate the position where we want to place it within the footer. Example:

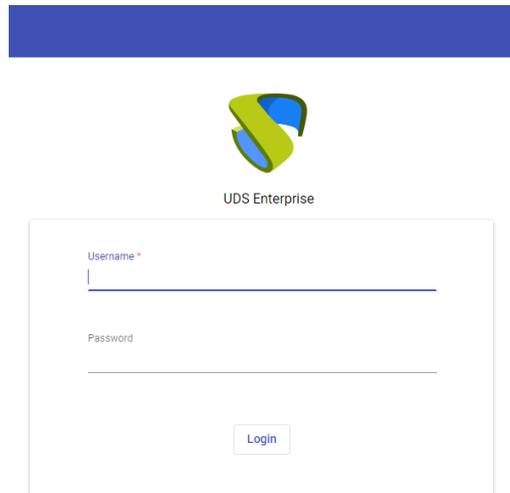
```
.footer {  
justify-content: center !important;  
}
```



After applying the modification, the result would be the following:

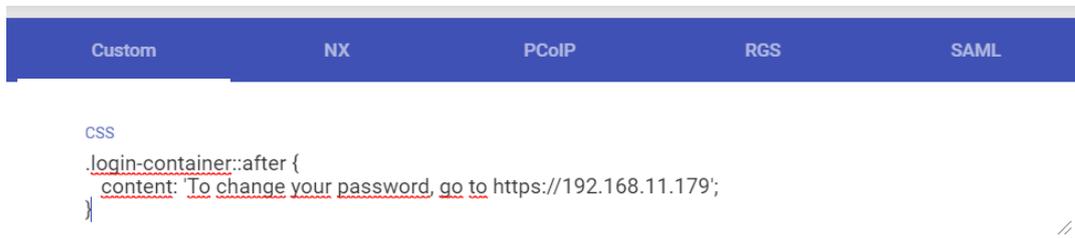


2.1.2.12 Insert text in the login portal

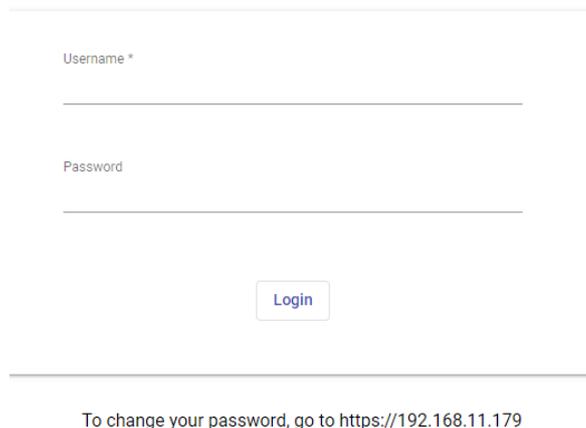


To add text below the login portal form, we must enter the label “login-container::after” in the “css” field. With HTML code we will indicate the position where we want to place it within the footer. Example:

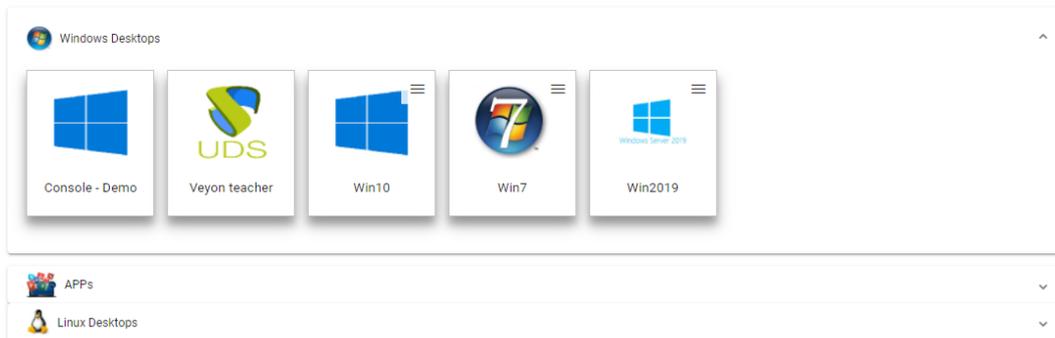
```
.login-container::after {  
content: 'To change your password, go to https://192.168.11.179';  
}
```



After applying the modification, the result would be the following:



2.1.2.13 Insert text in user services page

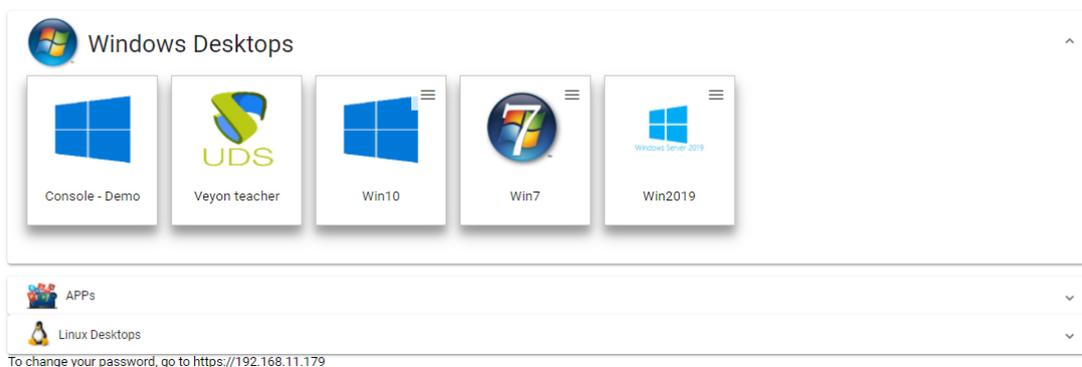


To add text to the user services page, we must enter the tag "services-groups::after" in the "css" field. Example:

```
.services-groups::after {
content: 'To change your password, go to https://192.168.11.179';
}
```

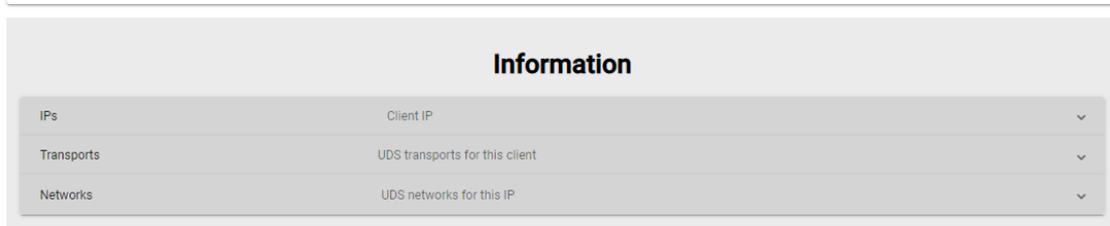


After applying the modification, the result would be the following:



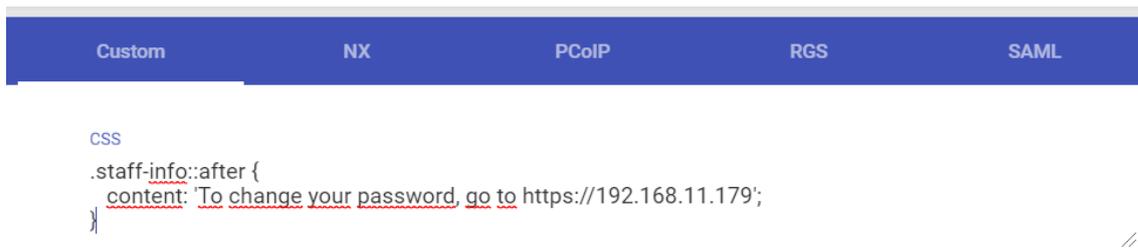
NOTE:This text will be visible to all users.

2.1.2.14 Insert text in the information panel

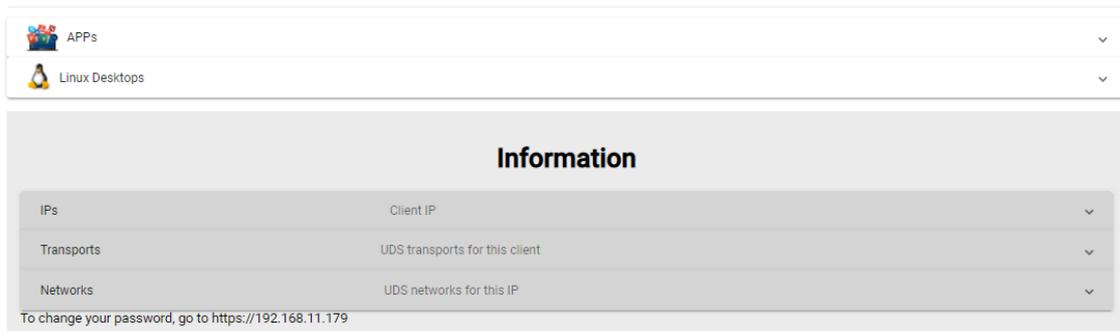


To add text to the user services page, we must enter the tag “staff-info::after” in the “css” field. Example:

```
.staff-info::after {
content: 'To change your password, go to https://192.168.11.179';
}
```

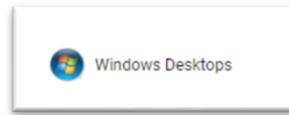


After applying the modification, the result would be the following:



NOTE:This text will be visible only to administrator users and organization staff.

2.1.2.15 Change the font size of the user services header

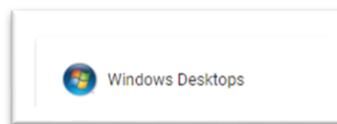


Modifying the font size of the services header is done by entering the "services-group-title" tag in the "css" field. With HTML code we will indicate the font size of the text, in "px" or "em". In the following example we have used the size in pixels:

```
.services-group-title {  
font-size: 20px !important;  
}
```



After applying the modification, the result would be the following:

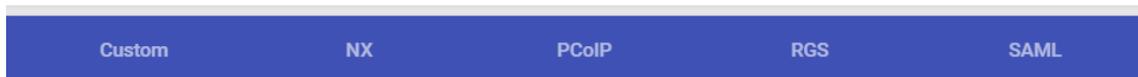


NOTE: This change will be visible to all users.

2.1.2.16 Change the size of the user services header

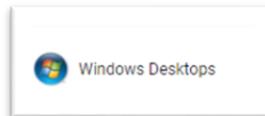
We can modify the size of the header of the user services by introducing the label “mat-expansion-panel-header-title” in the “css” field. With HTML code we will indicate the size of the bar that we want to use by percentage. Example:

```
.mat-expansion-panel-header-title {  
width: 80% !important;  
}
```



```
CSS  
.mat-expansion-panel-header-title {  
width: 80% !important;  
}
```

After applying the modification, the result would be the following:



NOTE:This change will be visible to all users.

2.2 Field “Logo Name”



The “Logo Name” field allows us to modify the name that appears next to the image located in the upper left corner. In this example we are going to modify it by the UDS Enterprise text string.

A screenshot of the UDS configuration interface. At the top, there is a blue navigation bar with five tabs: "Custom", "NX", "PCoIP", "RGS", and "SAML". Below the navigation bar, there is a text input field with the label "CSS" above it. The field contains a vertical cursor. Below the input field, there is a label "Logo name" and the text "UDS Enterprise" entered in the field. A horizontal line is visible below the text.

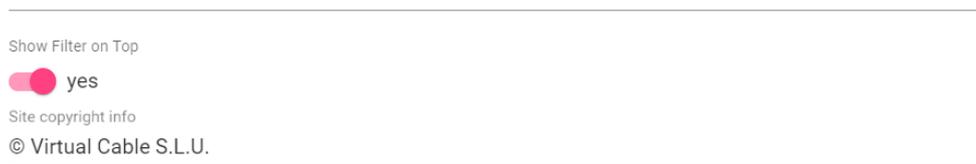
For this modification to be applied, we must press the "save" button and restart the Appliance UDS Server (or the "udsweb" service).

This is the result of the modification:



2.3 Field “Show Filter on Top”

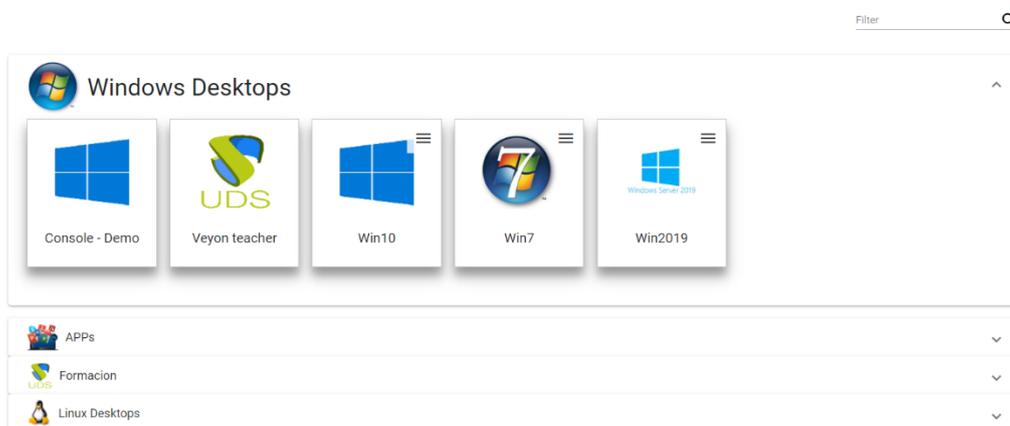
The “Show Filter on Top” field allows us to add a search field in the user services panel, so that you can search within the services that are available to you.



By enabling this option, we will allow the “filter” field to appear in the upper right corner of the “resources” window. It will be visible to all users.

For this modification to be applied, we must click on the “save” button and restart the Appliance UDS Server (or the “udsweb” service).

This is the result of the modification:



2.4 Field "Site copyright info"



The "Site copyright info" field allows us to modify the text that appears in the lower right corner. In this example we will use the text string Test:

Site copyright info

Test

Site copyright link

<https://www.udsenderprise.com>

For this modification to be applied, we must click on the "save" button and restart the Appliance UDS Server (or the "udsweb" service).

This is the result of the modification:



2.5 “Site copyright link” field

In this field it is possible to modify the URL of the hyperlink to which the text string that we have entered in the "Site copyright info" field refers to. To make this modification we must modify the parameter "Site copyright link". Example:

Site copyright link

www.google.es

Site information

|



With this change, clicking on the text will open the URL www.google.es. For this modification to be applied, we must click on the "save" button and restart the Appliance UDS Server (or the "udsweb" service).

2.6 “Site information” field

In this field you can enter the text that you want to appear under the UDS Enterprise login window (it supports HTML code).

In this example we are going to use the text string Please enter your credentials:

Site information
Please enter your credentials

Site name
UDS Enterprise

For this modification to be applied, we must click on the “save” button and restart the Appliance UDS Server (or the “udsweb” service).

This is the result of the modification:



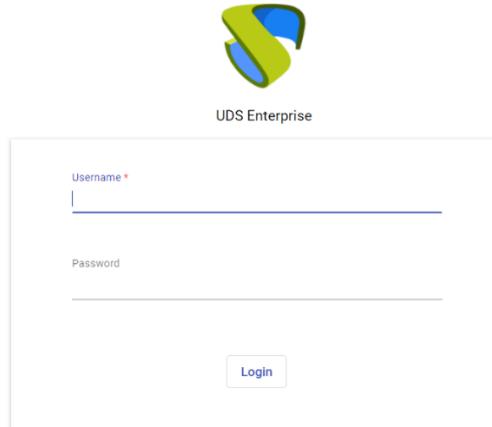
UDS Enterprise

Username *

Password

Please enter your credentials

2.7 Field "Site name"



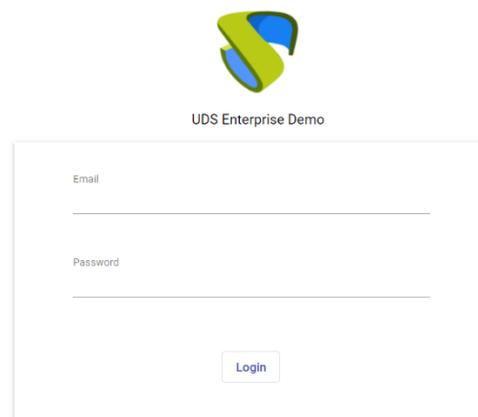
The "Site name" field allows us to modify the text that is located under the logo in the login window.

To make the modification we must place ourselves in the "Site name" field and indicate the text that we want to be visible to users. Example:



For this modification to be applied, we must click on the "save" button and restart the Appliance UDS Server (or the "udsweb" service).

This is the result of the modification:

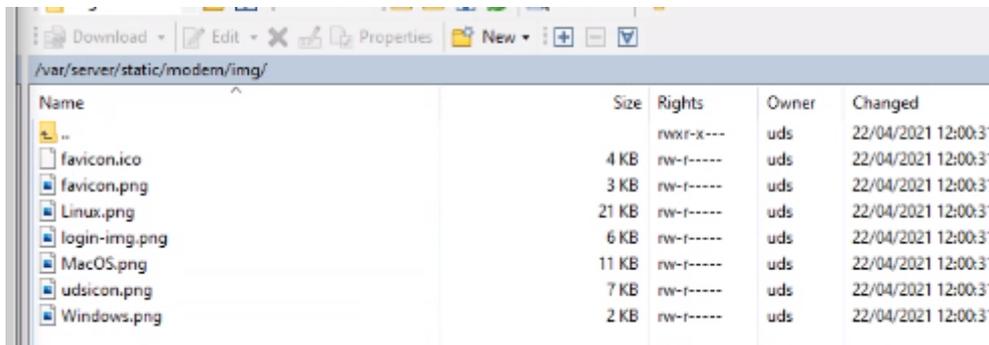


3. Modify browser tab

In this section we are going to detail the tasks to be carried out to modify the information that appears in the browser tab when connecting to the front of UDS Server.

3.1 Change the image

In order to change the icon that appears in the browser tab, we must connect to the UDS Server (via WinSCP or similar software) and access the path where the image is stored `/var/server/static/modern/img/`:



Name	Size	Rights	Owner	Changed
..		rw-r-x---	uds	22/04/2021 12:00:31
favicon.ico	4 KB	rw-r-----	uds	22/04/2021 12:00:31
favicon.png	3 KB	rw-r-----	uds	22/04/2021 12:00:31
Linux.png	21 KB	rw-r-----	uds	22/04/2021 12:00:31
login-img.png	6 KB	rw-r-----	uds	22/04/2021 12:00:31
MacOS.png	11 KB	rw-r-----	uds	22/04/2021 12:00:31
udsicon.png	7 KB	rw-r-----	uds	22/04/2021 12:00:31
Windows.png	2 KB	rw-r-----	uds	22/04/2021 12:00:31

After finding ourselves in the path where the image is, we will replace the `favicon.png` file with the new one that we want to use. After this modification, we must restart the Appliance UDS Server for the change to be applied.



NOTE: This modification must be carried out in all the UDS Servers that we have deployed.

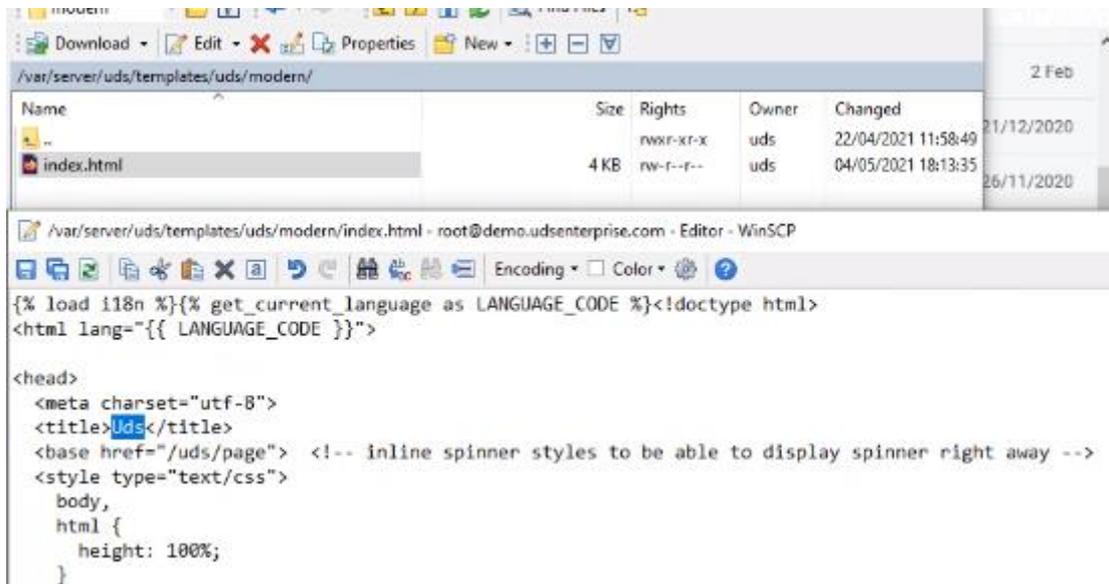
3.2 Modify the text

In order to modify the text that appears in the browser tab, we must access the UDS Server (using WinSCP or similar software) and go to the path `/var/server/uds/templates/uds/modern/`.

Once we are located in the route, we will modify the `index.html` file with a text editor.

We will replace the text string that appears between the `<title>` tags.

Example: "`<title>Uds</title>`": We will replace the text string `You` with the text that we want to appear after the image.



Once the text has been modified, we must restart the Appliance UDS Server for the change to be applied.



NOTE: This modification must be carried out in all the UDS Servers that we have deployed.

4. UDS Enterprise Update

When we update the system, all the modifications made from the UDS Enterprise administration will be applied automatically, since they are saved within the UDS Enterprise Appliance Observer.

5. About VirtualCable

Virtual Cable develops and sells UDS Enterprise through a subscription model based on the number of users that includes support and updates.

In addition, Virtual Cable offers professional services to install and configure UDS Enterprise.

For more information visit www.udsenderprise.com or send us an email at info@udsenderprise.com.