



## CHAPTER 11

# Customizing the Application

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This chapter describes the following

- [User Interface Templates](#)
- [Adding a User Interface Template](#)
- [Editing a User Interface Template](#)
- [Deleting a Template](#)
- [Setting the Default Interface Mapping](#)
- [Setting User Default Redirection](#)

## User Interface Templates

Cisco NAC Guest Server allows you to customize the sponsor user interface text and guest notification text using User Interface Templates. You can:

- Change the labels for the sponsor interface.
- Provide different instructions for guest users.
- Change the default Acceptable Use Policy.
- Create a translated template to provide the sponsor interface and guest instructions in another language altogether.

Cisco NAC Guest Server provides a default template (in English) that can be used as is without any further modification. If you want to change the default presentation for sponsors and guests, you can add one or multiple templates that you can store separately on the Guest Server and modify as desired.

Typically, you create a customized template when you need to modify the account details and instructions that are provided to the guest, such as the Acceptable Usage Policy. Cisco NAC Guest Server provides Print, Email, and SMS templates that allow you to customize the information that is printed, emailed, or text messaged to guests.

If you are customizing the interface for another language, create a new template for the language and edit all pages with the translated text.

Once your user interface template is configured, you need to set the default template mapping so that the Guest Server starts using the correct template. Once a sponsor has authenticated, the sponsor can choose a different template to use and save it under **My Settings > Preferences > Language Template** in the sponsor interface. This enables each sponsor to have the application displayed in a different template or language.

**Note**

You can set the default user interface template globally for the Cisco NAC Guest Server sponsor and guest interfaces under **User Interfaces > User Defaults**.

**Tip**

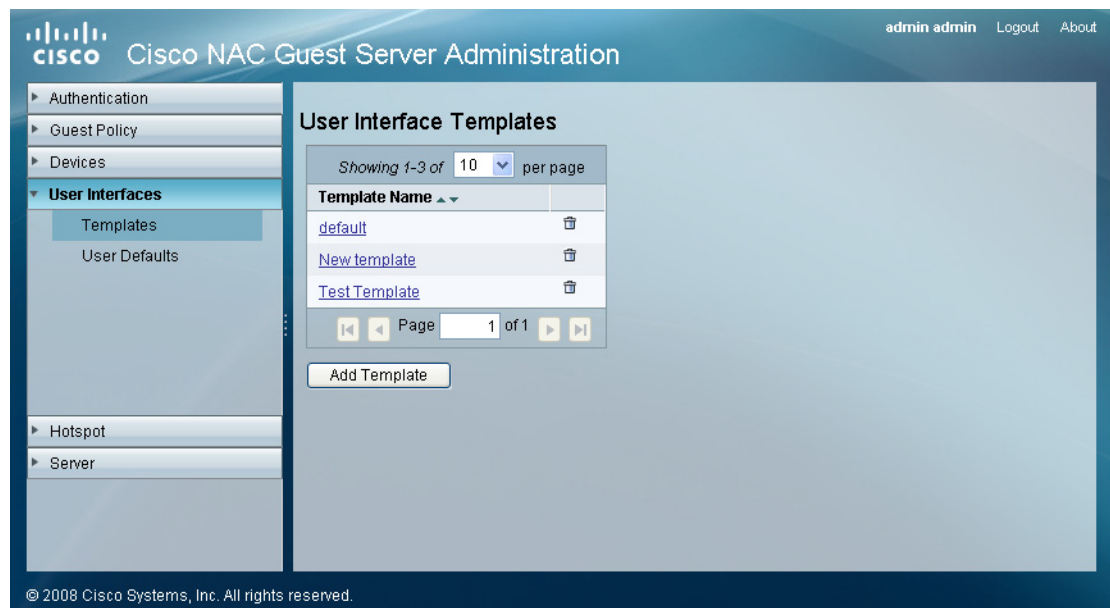
When customizing, it is a good idea to open the sponsor interface in a second browser for reference. This allows you to view how the configuration tabs map to the actual sponsor interface pages. You can bring up the sponsor interface by entering the Guest Server IP address without the “/admin” as the URL, for example, **http://<guest\_server\_ip\_address>** or **https://<guest\_server\_ip\_address>**. The sponsor must logout and login again to view the changes.

## Adding a User Interface Template

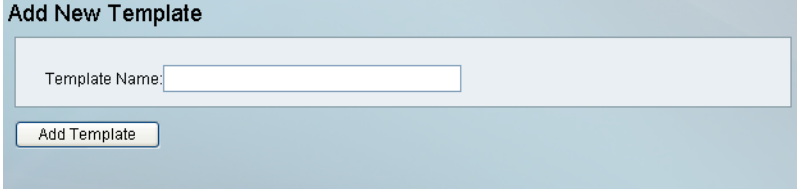
When you add a new template, it is automatically based on the default template to facilitate editing.

- Step 1** From the administration interface, select **User Interfaces > Templates** from the left hand menu.
- Step 2** On the User Interface Templates page as shown in [Figure 11-1](#), click the **Add Template** button

**Figure 11-1** User Interface Templates



- Step 3** In the Add New Template page as shown in [Figure 11-2](#), type a Template Name. This can be any descriptive text to identify the template later from the User Interface Templates list as shown in [Figure 11-1](#).

**Figure 11-2 Add Template Page**

The screenshot shows a web form titled "Add New Template". It contains a text input field with the label "Template Name:" and a button labeled "Add Template" positioned below the input field. On the right side of the form, there is a vertical text label "273315".

**Step 4** Click the **Add Template** button.

The Edit User Interface Template page for the new template is displayed, initially, with all details copied from the default template. If you only need to make small changes, this allows you not to have to retype all the entries.

**Step 5** Modify these settings as desired, as described in [Editing a User Interface Template, page 11-3](#).

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## Editing a User Interface Template

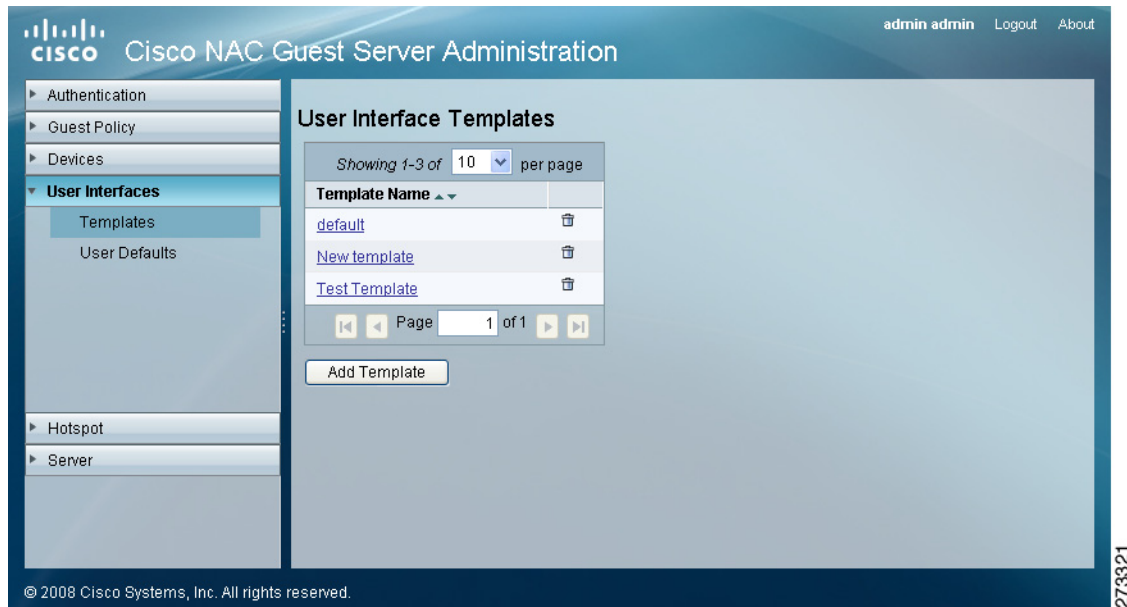
**Tip**

When customizing, it is a good idea to open the sponsor interface in a second browser for reference. This allows you to view how the configuration tabs map to the actual sponsor interface pages. You can bring up the sponsor interface by entering the Guest Server IP address without the “/admin” as the URL, for example, **http://<guest\_server\_ip\_address>** or **https://<guest\_server\_ip\_address>**. The sponsor must logout and login again to view the changes.

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**Step 1** From the administration interface, select **User Interfaces > Templates** from the left hand menu.

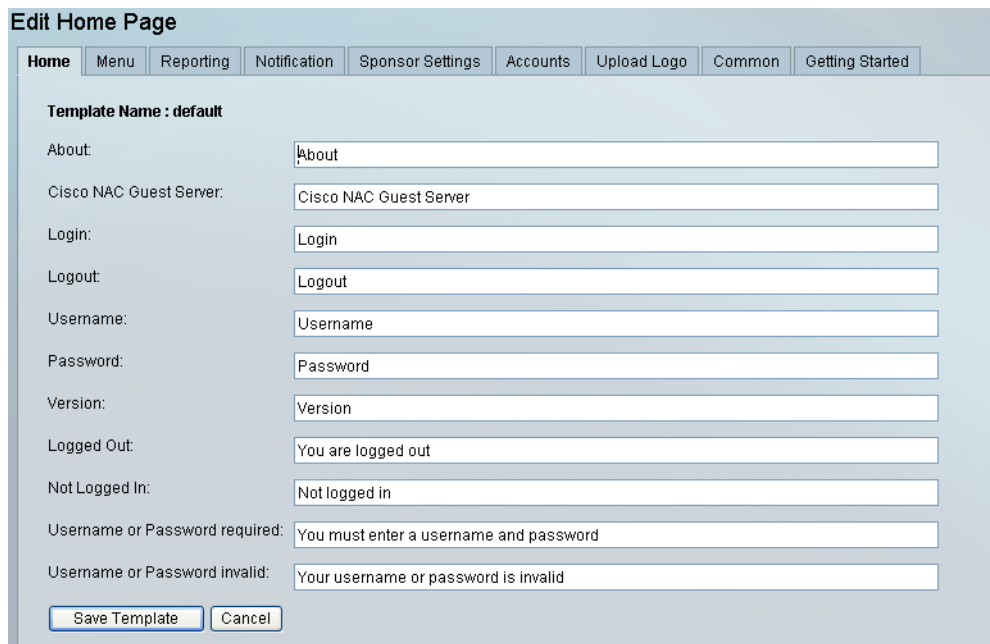
Figure 11-3 User Interface Templates



**Step 2** From the User Interface Templates list as shown in Figure 11-3, click the underlined name of the template you wish to edit.

**Step 3** The Edit Home Page for the template is displayed as shown in Figure 11-4.

Figure 11-4 Edit Template



**Step 4** Click the menu tabs at the top of the page to select any of the sponsor page settings that you want to edit.

**Step 5** Make any changes to the fields and click the **Save Template** button. Some example edits are described in the following sections:

- [Editing the Print Template, page 11-5](#)
- [Editing the Email Template, page 11-7](#)
- [Editing the SMS Template, page 11-8](#)
- [Using Time Profiles, page 11-10](#)

**Note**

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The **Upload Logo** feature allows upload an image with maximum height of 75 pixels and maximum width of 150 pixels. The image can be in .png, .jpg, or .gif format.

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## Editing the Print Template

The Print Template page contains the guest account details that the sponsor can bring up in a browser to print out for handing to the guest after the account is created. The page is configured in HTML and can be fully customized.

**Tip**

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Navigating to **Account Management > Manage Accounts** on the sponsor interface and clicking the **Print** button next to the guest account entry brings up the output of the Print Template for printing.

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- Step 1** Go to **User Interfaces > Templates** and click the underlined name of the template you wish to edit in the Templates list.
- Step 2** Under **Edit Home Page**, click the **Notification** tab to bring up the **Edit Notification Page** as shown in [Figure 11-5](#).
- Step 3** From the **Select Template for** dropdown menu, choose **Print Template** and click the **Show** button.

Figure 11-5 Edit Notification Page—Print Template

The screenshot shows the 'Edit Notification Page' interface. At the top, there are navigation tabs: Home, Menu, Reporting, Notification (selected), Sponsor Settings, Accounts, Upload Logo, Common, and Getting Started. Below the tabs, the 'Template Name' is set to 'default'. There is a 'Select Template for:' dropdown menu with 'Print Template' selected and a 'Show' button. The 'Page Body' field contains the following HTML code:

```
<h1>
Guest User Details </h1>
<P>To access the network, please use the following credentials: </P>
<table width="500" border="1">
<tr>
<th scope="row">Username</th>
<td>%USERNAME%</td>
</tr>
<tr>
<th scope="row">Password</th>
<td>%PASSWORD%</td>
</tr>
</table>
```

At the bottom, there is a 'Multiple Print Separator' field containing the code: `<div style="page-break-after: always;"></div>`. There are 'Save Template' and 'Cancel' buttons at the bottom left. A vertical ID '192692' is visible on the right side of the interface.

**Step 4** In the Page Body text field, edit the default HTML code for the web page. The Page Body contains all the HTML code that appears between the BODY tags on a HTML page. All HTML code outside these tags is used by the application.

**Step 5** In the HTML code you can use the following special variables to replace them with the details from the created guest account.

- %USERNAME% = The Username created for the guest.
- %PASSWORD% = The Password created for the guest.
- %STARTTIME% = The time from which the guest account will be valid.
- %ENDTIME% = The time at which the guest account will expire.
- %FIRSTNAME% = The first name of the guest.
- %LASTNAME% = The last name of the guest.
- %TIMEZONE% = The timezone of the user.
- %MOBILENUMBER% = The mobile number of the guest.
- %OPTION1% = Optional field for editing.
- %OPTION2% = Optional field for editing.
- %OPTION3% = Optional field for editing.
- %OPTION4% = Optional field for editing.
- %OPTION5% = Optional field for editing.
- %MOBILENUMBER\_ONLY% = Mobile phone number of guest without country code pre-pended.
- %COUNTRYCODE% = Country code of the mobile phone number.
- %DURATION% = Duration of time for which the account will be valid.

- `%ALLOWEDWINDOW%` = The time window during which the account can be used after first login.
- `%TIMEPROFILE%` = The name of the time profile assigned.

**Step 6** Click the **Save** button to save your changes.

## Editing the Email Template

The Email Template page contains the guest account details that the sponsor can email to the guest after creating the account.



### Tip

Navigating to **Account Management > Manage Accounts** on the sponsor interface and clicking the **Email** button next to the guest account entry brings up the output of the Email Template and also emails the guest.

- Step 1** Go to **User Interfaces > Templates** and click the underlined name of the template you wish to edit in the Templates list.
- Step 2** Under **Edit Home Page**, click the **Notification** tab to bring up the **Edit Notification Page** as shown in [Figure 11-6](#).
- Step 3** From the **Select Template for** dropdown menu, choose **Email Template** and click the **Show** button.

**Figure 11-6** Edit Notification Page—Email Template

**Edit Notification Page**

Home | Menu | Reporting | **Notification** | Sponsor Settings | Accounts | Upload Logo | Common | Getting Started

**Template Name :** default

Select Template for:

Email Subject:

You don't have permission to send Email messages:

Email Body:

The following guest user account has been created for you

Username: %USERNAME%

Password: %PASSWORD%

Valid From: %STARTTIME%

Valid To: %ENDTIME%

Timezone: %TIMEZONE%

To access the network you must agree to the AUP below:

By logging on to the network you are agreeing to the terms and conditions of the acceptable use policy below

Wired Connections

Please plug your computer into a network connection and open a web browser. You will be automatically re-directed to the appropriate login page, where you can enter the credentials above.

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- Step 4** Change the Email Subject as desired.
- Step 5** In the Email Body text field, edit the default email text to be sent to the guest page.
- Step 6** In the Email Body you can use the following special variables to replace them with the details from the created guest account.
- %USERNAME% = The Username created for the guest.
  - %PASSWORD% = The Password created for the guest.
  - %STARTTIME% = The time from which the guest account will be valid.
  - %ENDTIME% = The time at which the guest account will expire.
  - %FIRSTNAME% = The first name of the guest.
  - %LASTNAME% = The last name of the guest.
  - %TIMEZONE% = The timezone of the user.
  - %MOBILENUMBER% = The mobile number of the guest.
  - %OPTION1% = Optional field for editing.
  - %OPTION2% = Optional field for editing.
  - %OPTION3% = Optional field for editing.
  - %OPTION4% = Optional field for editing.
  - %OPTION5% = Optional field for editing.
  - %MOBILENUMBER\_ONLY% = Mobile phone number of guest without country code pre-pended.
  - %COUNTRYCODE% = Country code of the mobile phone number.
  - %DURATION% = Duration of time for which the account will be valid.
  - %ALLOWEDWINDOW% = The time window during which the account can be used after first login.
  - %TIMEPROFILE% = The name of the time profile assigned.
- Step 7** Click the **Save** button to save your changes.
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## Editing the SMS Template

The SMS Template page contains the guest account details that the sponsor can text message to the guest after creating the account. The contents of the text message can be fully customized.



### Tip

Navigating to **Account Management > Manage Accounts** on the sponsor interface and clicking the **SMS** button next to the guest account entry brings up the output of the SMS Template and also text messages the guest.

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- Step 1** Go to **User Interfaces > Templates** and click the underlined name of the template you wish to edit in the Templates list.
- Step 2** Under **Edit Home Page**, click the **Notification** tab to bring up the **Edit Notification Page** as shown in [Figure 11-7](#).
- Step 3** From the **Select Template for** dropdown menu, choose **SMS Template** and click the **Show** button.



Figure 11-7 Edit Notification Page—SMS Template

**Step 4** Change the SMS Subject as desired.

**Step 5** Change the SMS Destination to be the email address of the SMS gateway that you use.

To send the text message to the mobile phone number of the guest, use the variable `%MOBILENUMBER%`. The `%MOBILENUMBER%` variable is replaced by the mobile phone number, including country code of the guest as entered by the sponsor. For example, if the country code selected is the UK (+44) and the guest's phone number is 055 555-5555, then `%MOBILENUMBER%` will contain 44555555555.



**Note** The initial plus symbol (+) is not inserted and the initial 0, any spaces, or hyphens (-) are removed from the phone number. If you need (+) to be inserted, then enter `+%MOBILENUMBER%`.

**Step 6** The SMS Body contains the SMS text to be sent to the guest. In the SMS Body you can use the following special variables to replace them with the details from the created guest account.

- `%USERNAME%` = The Username created for the guest.
- `%PASSWORD%` = The Password created for the guest.
- `%STARTTIME%` = The time from which the guest account will be valid.
- `%ENDTIME%` = The time at which the guest account will expire.
- `%FIRSTNAME%` = The first name of the guest.
- `%LASTNAME%` = The last name of the guest.
- `%TIMEZONE%` = The timezone of the user.

- %MOBILENUMBER% = The mobile number of the guest.
- %OPTION1% = Optional field for editing.
- %OPTION2% = Optional field for editing.
- %OPTION3% = Optional field for editing.
- %OPTION4% = Optional field for editing.
- %OPTION5% = Optional field for editing.
- %MOBILENUMBER\_ONLY% = Mobile phone number of guest without country code pre-pended.
- %COUNTRYCODE% = Country code of the mobile phone number.
- %DURATION% = Duration of time for which the account will be valid.
- %ALLOWEDWINDOW% = The time window during which the account can be used after first login.
- %TIMEPROFILE% = The name of the time profile assigned.

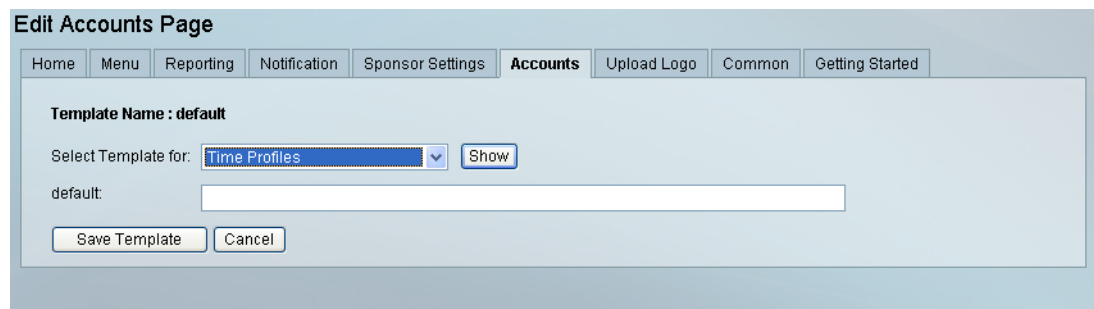
**Step 7** Click the **Save Template** button to save your changes.

## Using Time Profiles

Account durations are another way the sponsor can specify how long they want the guest account to remain valid. By default, the sponsor must specify start dates, end dates and time from a dropdown menu and popup calendar. By defining preset account durations, you provide the sponsor with the ability to select the duration of time starting from when they click the button to create the account.

- Step 1** Go to **User Interfaces > Templates** and click the underlined name of the template you wish to edit in the Templates list.
- Step 2** Under **Edit Home Page**, click the **Accounts** tab to bring up the **Edit Accounts Page** as shown in [Figure 11-7](#).
- Step 3** From the **Select Template for** dropdown menu, choose **Time Profiles** and click the **Show** button as shown in [Figure 11-8](#).

**Figure 11-8** *Edit Accounts Page—Time Profiles*



- Step 4** The Time Profiles you previously created are displayed. Enter the text for each template that you wish the sponsor to use.
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## Deleting a Template

- Step 1** From the administration interface, select **User Interface > Templates** from the left hand menu.
- Step 2** Select the template you want to delete from the User Interface Templates list and click the bin icon to the right of the template name field.
- Step 3** Confirm deletion of the template.
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## Setting the Default Interface Mapping

Once you have created your template you need to make the template active. This is a global operation for the Cisco NAC Guest Server.

- Step 1** From the administration interface, select **User Interfaces > User Defaults** to bring up the User Defaults page as shown in [Figure 11-9](#).

**Figure 11-9** Default User Interface Mapping

**User Defaults**

**Settings**

Go to User Settings Page on first login:

**Default Interface Mapping**

Template: default

Save Settings Cancel

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- Step 2** Select the template from the **Template** dropdown menu under **Default Interface Mapping**. This becomes the template used for the sponsor and guest user interface.
- Step 3** Click the **Save Settings** button.
- 

## Setting User Default Redirection

There are a number of options that each sponsor may want to customize for their environment to avoid making changes every time they log in to the sponsor interface. The items sponsors can change are the template (for another language), the time zone, and the telephone country code.

Sponsors can change these settings from their User Settings page once they are logged in. However, to make it easy for first time users of the application, you can choose to direct sponsors to their preference page on their first login to the system.

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- Step 1** From the administration interface, select **User Interfaces > User Defaults** from the left hand menu to bring up the User Defaults page as shown in [Figure 11-10](#).

**Figure 11-10** User Settings Page Redirection

**User Defaults**

**Settings**

Go to User Settings Page on first login:

**Default Interface Mapping**

Template: default

Save Settings Cancel

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- Step 2** Check the **Go to User Settings Page on first login** checkbox under **Settings**, if you want the sponsors to be redirected to the User Settings pages upon their first login to the system. If not, then make sure to leave this option unchecked.
- Step 3** Click the **Save Settings** button.
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