

Trend Micro Prototyping Exercise

Please create HTML codes compatible with Internet Explorer 6, Internet Explorer 7 and Firefox 3. You can use Javascript and CSS, but not Flash. If you are unsure about the question, feel free to make all the necessary UI behavior assumptions and state them in a separate document.

Your deliverables are:

- One html page containing the answers to the questions.
- Any additional files (images, javascript, css) that accompany the HTML file
- (optional) a separate MS Word or txt file containing your assumptions

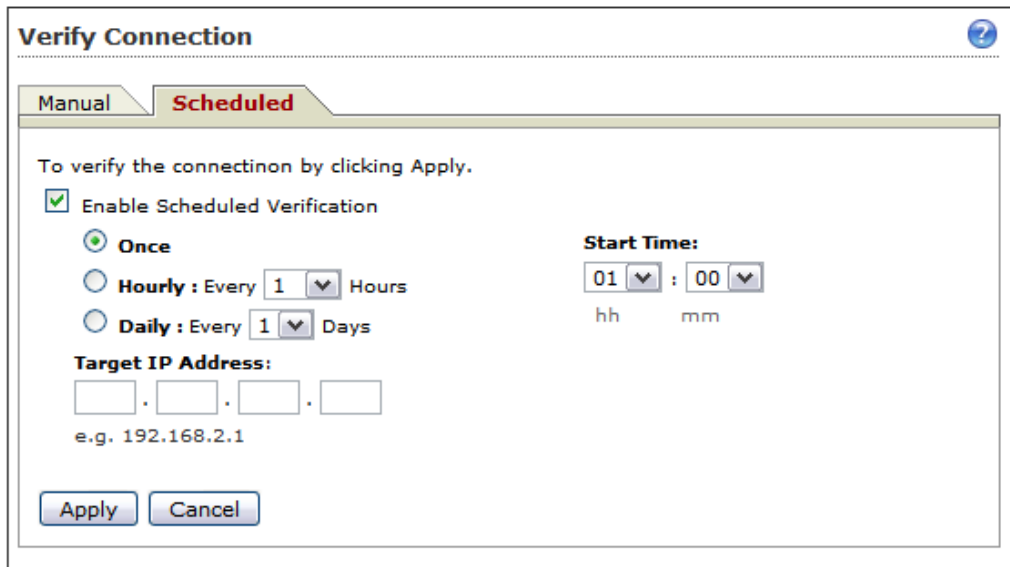
Your answer will be evaluated based on:

- Feature completeness
- Code readability (naming convention, comments, etc)
- Web Standards compliance
- Code reusability and extendibility

Task 1

Your first task is to re-create the following screen using the provided image.

- The default table width is 540 pixels wide
- Page is center aligned.
- Link rollover color is red.
- Content font is Verdana 10px.



The image shows a 'Verify Connection' dialog box with a title bar and a help icon. It has two tabs: 'Manual' and 'Scheduled', with 'Scheduled' being the active tab. The dialog contains a message 'To verify the connection by clicking Apply.' followed by a checked checkbox 'Enable Scheduled Verification'. Below this are three radio buttons: 'Once' (selected), 'Hourly : Every 1 Hours', and 'Daily : Every 1 Days'. To the right of these is a 'Start Time' section with two dropdown menus showing '01' and '00', with labels 'hh' and 'mm' below them. Below the radio buttons is a 'Target IP Address' section with four input boxes separated by dots, and an example 'e.g. 192.168.2.1' below it. At the bottom are 'Apply' and 'Cancel' buttons.

Verify Connection

Manual **Scheduled**

To verify the connection by clicking Apply.

☒ Enable Scheduled Verification

☒ **Once**

☐ **Hourly** : Every 1 Hours

☐ **Daily** : Every 1 Days

Start Time:

01 : 00

hh mm

Target IP Address:

. . .

e.g. 192.168.2.1

Apply Cancel

Task 2

Continuing from Task 1, please implement the following interaction specifications on the same HTML file.

The screenshot shows a 'Verify Connection' dialog box with two tabs: 'Manual' and 'Scheduled'. The 'Scheduled' tab is active. The dialog contains the following elements:

- 1,2**: A red box highlighting the 'Manual' and 'Scheduled' tabs.
- 3**: A red box highlighting the 'Once', 'Hourly', and 'Daily' radio buttons and their associated frequency dropdowns.
- 4**: A red box highlighting the 'Start Time' label and the 'hh' and 'mm' dropdowns.
- 5**: A red box highlighting the 'Target IP Address' label and the four input fields for the IP address.

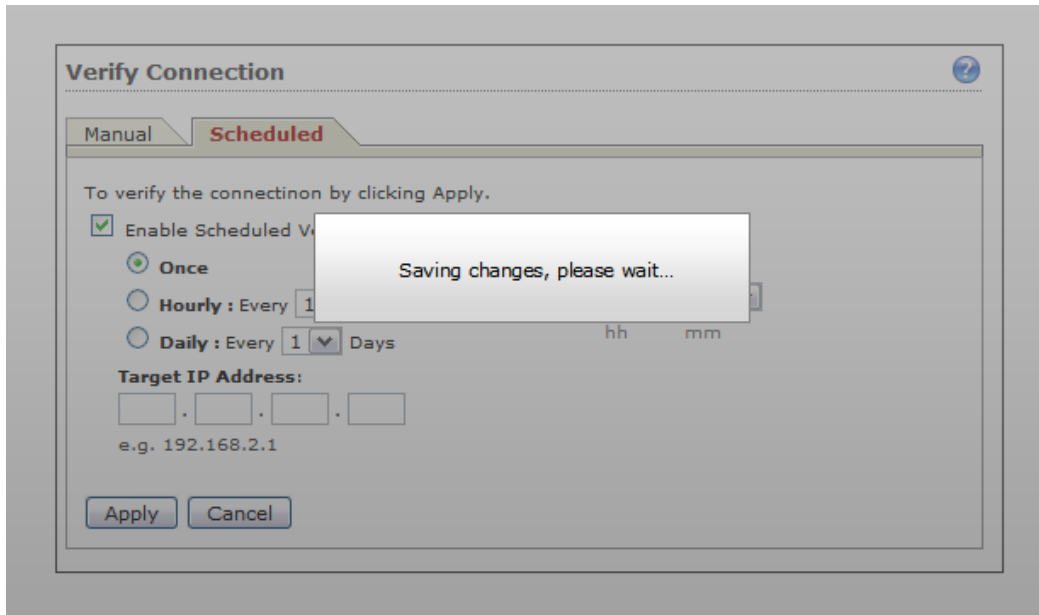
The dialog also includes an 'Apply' button and a 'Cancel' button at the bottom.

1. Clicking on the “Enable scheduled verification” text will also check/uncheck the checkbox. In other words, make the labels clickable. Same for the radio buttons.
2. When “Enable Scheduled verification” is unchecked, disable all the other inputs.
3. When user changes the value of “hours” dropdown and the radio button selection should automatically changes to “Hourly” regardless of its previous location. Same for the Days dropdown.
4. Values for mm are in 5 minute increments, from 00 to 55. Value for hh is 00-23.
5. IP address must not exceed 3 alphanumeric characters long.

Task 3

Continuing from Task 2, please implement another set of interaction specifications.

1. After clicking “Apply”, display the following waiting message.



2. After 2 seconds, display the following screen:

