

# Citrix Web Interface 5.X additional login page options

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## Citrix Web Interface 5.x additional login page options

This outlines how to further customise the Citrix login page. This is a supplement to the Citrix Web Interface 5.x Integration guides.

## Removing the Single Channel Button

To remove the *refresh image*, delete the following text:

```
"<a class='leftDoor' href='javascript:onTuringButtonClick();'>" +  
    "Refresh Image" +  
    "</a>"
```

## Replacing the Single Channel Button with a Dual Channel Button

### Replacing TURING image with a Dual Channel (SMS) request

Edit the file pinsafe\_image.aspx

find the following line:

```
url.AppendFormat("{0}:{1}/{2}/SCImage?username={3}", server, port, context, Request.QueryString["username"]);
```

Replace with:

```
url.AppendFormat("{0}:{1}/{2}/DCImage?username={3}", server, port, context, Request.QueryString["username"]);
```

## Compatibility

This has been tested on Citrix Web Interface 5.1

## Dual Channel Button modification

On the Swivel Administration console under Server/Dual Channel, ensure Allow message request by username: is set to Yes.

On the Citrix Web Interface Installation create a copy of auth/pinsafe\_image.aspx, and call it pinsafe\_message.aspx

You will also need to ensure that pinsafe\_message.aspx is included in the list of unprotected pages.

In auth/clientscripts/login.js, make a copy of the function onTuringButtonClick(), calling it onMessageButtonClick(). Change image.src in this function to point to pinsafe\_message.aspx.

Edit app\_data/include/loginMainForm.inc. Locate the text '<div class="otcButtonPane"'. Copy from here up to the ending </div>, and paste it immediately after this div. Change "href=javascript:onTuringButtonClick" to "href=onMessageButtonClick".

Change the title and id of this div, as well as the id of the enclosed img and span elements. The new div element should be something like this:

```
<div class="otcButtonPane"><a  
    href="javascript:onMessageButtonClick()" title="Click this button to retrieve a PinSafe message."  
    onmouseover="changeOtcBtnColor(true);" onmouseout="changeOtcBtnColor(false);"  
    onfocus="changeOtcBtnColor(true);" onblur="changeOtcBtnColor(false);"  
    tabIndex="<%=Constants.TAB_INDEX_FORM%>"  
    id="dcmessage"  
    name="dcmessage"  
><span id="msgButtonWrapper">Get Message</span></a></div>
```

To make sure the new button looks right, you will also need to edit app\_data/include/loginStyle.inc. Look for occurrences of #otcButtonWrapper and add ", #msgButtonWrapper". Also, for the entry #<%=Constants.ID\_OTC\_BTN%>, add ", #dcmessage".

To change the Refresh Image button modify the file under auth\clientscripts\login.js.add and search for the line Refresh Image and change to the

required text, such as Request Code or Request SMS.

```
"<span class='rightDoor'>Refresh Image</span>" +"
```

## Dual Channel Testing

Test the button from the login page. Check the Swivel logs for the dual channel requests.

## Single Channel Button with an automated Single Channel Image

The Citrix Web Interface 5.x integration has a button to generate the Single Channel Image. This can be modified to automatically show the Turing image without the need for pressing the button when the user enters into the required field.

## Compatibility

This has been tested on Citrix Web Interface 5.1 using the Single Channel Turing Image

## Single Channel Button to automated Single Channel Image modification

Edit the loginMainForm.inc file on the Citrix server. Locate the username field - look for the following:

```
<input type='text' name='<%=Constants.ID_USER%>' ...
```

insert the following line after that one:

```
onblur='onTuringButtonClick()' '
```

This causes the turing image JavaScript function to be called when the user leaves the username field.

## Automated Single Channel Image Testing

Test the image from the login page. Check the Swivel logs for the single channel image requests.

## Turing, Dual channel and Display Index buttons

The Citrix Web Interface 5.x integration has a button to generate the Single Channel Image. This can be modified to add additional buttons of Show Turing Image, Send Dual Channel Security String and Display Index number. See also [Multiple Security Strings How To Guide](#)

## Compatibility

This has been tested on Citrix Web Interface 5.3

## Required Files

The following files are required and should be used for installation: [\[1\]](#)

## Installation Instructions


Follow the installation instructions for the relevant Citrix version.

## Testing

Verify that three buttons are displayed and that they show the expected results when selected.

The following screen shots show the different buttons in use

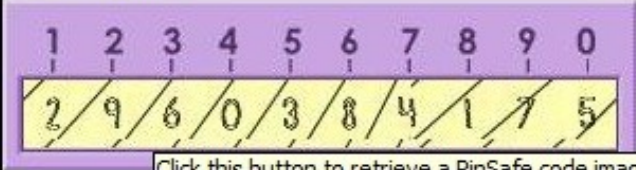
**Willkommen**  
Melden Sie sich an, um auf Ihre Anwendungen zuzugreifen.



Benutzername:

Kennwort:


PASSCODE:



Click this button to retrieve a PinSafe code image.

Single Channel Turing Image request

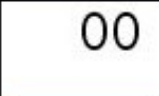
**Willkommen**  
Melden Sie sich an, um auf Ihre Anwendungen zuzugreifen.



Benutzername:

Kennwort:


PASSCODE:



Multiple Security String Message index number telling user which security string to use for authentication

**Willkommen**


Melden Sie sich an, um auf Ihre Anwendungen zuzugreifen.



Benutzername:

Kennwort:

PASSCODE:



**CONFIRMED**

Click this button to request a PinSafe security string.

Securiy String On Demand Confirmation message of sending the user a Security String