

## Swivel Authentication Version 3.9.2

### Release Bulletin

#### **Introduction**

This release bulletin relates to Version 3.9.2 of the Swivel Authentication Platform.

This latest release brings with it new product enhancements. Full feature information and details are set out in this document.

We strongly recommend that all our customers upgrade to the latest version as soon as possible.

## Feature Overview

### Product Enhancements

- HTML preview for SMTP
- New Brand images
- Search user list by attributes
- Allow attribute names in alert messages

### Other Enhancements

- User read function added to Helpdesk API
- Initialization Parameter for Multiple Swivel Instances
- License Entitlement Report from Admin API
- Multiple Authentication Attempts
- Upgrade Issues from PINsafe 3.1
- Group browse button indented
- Case dependent issues with HTML
- Configuration files movement issues in 3.9.1
- Configuration schema validation error
- Upgrade from 3.5 or earlier failures
- Issues with AdminXML

## Feature Details

### Product Enhancements

#### HTML preview for SMTP

The Swivel solution provides the option to send messages and alerts via email. Including support for HTML, to allow rich text and branding in those messages. To assist with designing the look and style/content of those messages Swivel have provided an HTML preview option, to display the message as the end-user will receive it.

You can preview the HTML email from within the SMTP transport that will be produced for each message type. Ensure that you 'Apply' any changes you wish to see previewed then click the button "Preview HTML in new tab" under the body of the message you wish to see. A new Tab will be opened containing the HTML.

Provision code body:

Mobile provision code: `<B>%CODE</B>`

[Preview HTML in new tab](#)

[Apply](#) [Reset](#)

#### New Brand images

The TURING image now supports the facility to change the background image. The previous purple versions have now been updated to the Swivel Orange as used in all Swivel branding. The process of changing the images has been simplified, and can now be updated to suit your own corporate branding.

The TURING image is now also available in black and white. This helps in environments where colour displays are not always available, and turning a colour to B&W by using a B&W display is not ideal.

The additional image files have been added to Server->Single Channel extra image files.

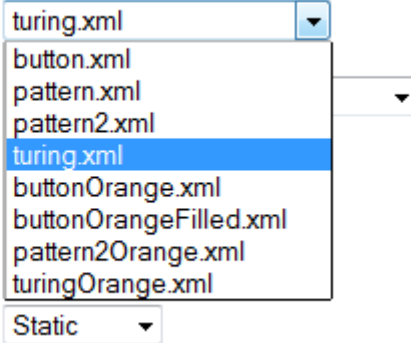
Image file:

Background image file:

Text Alpha Value:

Only use one font per image:

Image Rendering:



A dropdown menu is open for the 'Background image file' field. It lists the following files: turing.xml, button.xml, pattern.xml, pattern2.xml, turing.xml (highlighted), buttonOrange.xml, buttonOrangeFilled.xml, pattern2Orange.xml, and turingOrange.xml.

The additional background image files can also be found under Server->Single Channel

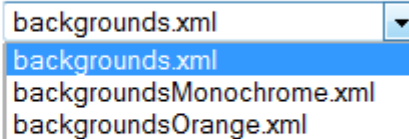
Image file:

Background image file:

Text Alpha Value:

Only use one font per image:

Image Rendering:



A dropdown menu is open for the 'Background image file' field. It lists the following files: backgrounds.xml (highlighted), backgroundsMonochrome.xml, and backgroundsOrange.xml.

### Search user list by attributes

In keeping with the federated attribute support recently implemented we now provide the option to search by any defined attribute. The list of available attributes is shown as a drop-down. Only one attribute can be searched at a time. This replaces previous search facility which was restricted to the username

### Allow attribute names in alert messages

Continuing with the on-going improvements to how Swivel communicates with users, it is now possible to use attributes within messages. This will allow emails to be personalised, and extra information provided to users explaining how to use Swivel and their remote access.

The syntax is `%{attrname}`. Attrname is the name of the attribute, and is case-sensitive. If the attribute cannot be found, or is missing for a user, an empty string is inserted.

## Other Enhancements

### User read function added to Helpdesk API

Read functionality has been added to the helpdesk to give complete CRUD functionality.

### Initialization Parameter for Multiple Swivel Instances

A new environment variable (called SwivelHome) has been added to the web.xml which allows multiple instances of the Swivel authentication platform to run within the same webserver instance.

The default value in the web.xml is blank and the new functionality will not be active if left blank. If a value is set then the location entered will be the root for all the data and will take precedence over default and environment variable.

### License Entitlement Report from Admin API

The existing user count API request has been enhanced to return the maximum number of users permitted by the current licence as well as the total number of users.

### Multiple Authentication Attempts

This is an extension to an existing feature, designed to handle certain VPNs that send multiple authentication requests for the same login attempt. Previous versions allowed the option to have multiple authentication attempts using the same security string for single channel and dual channel on demand, as long as the authentication succeeds and the session is still valid. This feature has now been extended to dual channel security strings sent in advance. If enabled, using such a string will start a session as if the string were sent on demand.

### Upgrade Issues from PINsafe 3.1

Upgrade issues now resolved.

### Group browse button indented

Delete button within Repository->Groups now correctly aligned to the right hand side.

### Case dependent issues with HTML

The processing of HTML within SMTP transports is now, correctly, case independent.

### Configuration files movement issues in 3.9.1

All the configuration files are now moved.

### Configuration schema validation error

Under certain circumstances provision groups failed on upgrade. This has been corrected.

**Upgrade from 3.5 or earlier failures**

Failures caused by config. properties being copied are now resolved

**Issues with AdminXML**

Now allows Helpdesk requests for agents that aren't repositories.