# SDA 6 Email notification tutorial

SDA offers a configurable event based email notification system. For example, notifications can be sent when a deployment finishes or an approval is required. The following document describes a simple set up scenario, which will email a user once an application deployment request has been successfully made.

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Step 1: Assign an email address to the Admin user

1. Click on the top menu icon in the top left of the UI
2. Go to **Administration | Security** and ensure the **Authentication (Users)** drop down is activated
3. Select the **Edit** link for the admin user, or the user who should receive the notification
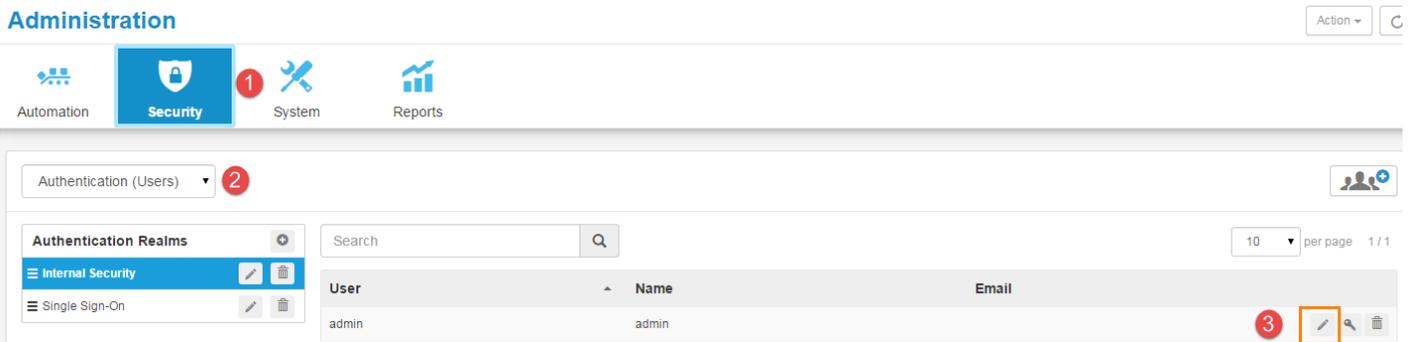
4. Specify a valid email address for the admin user and click on **Save**.
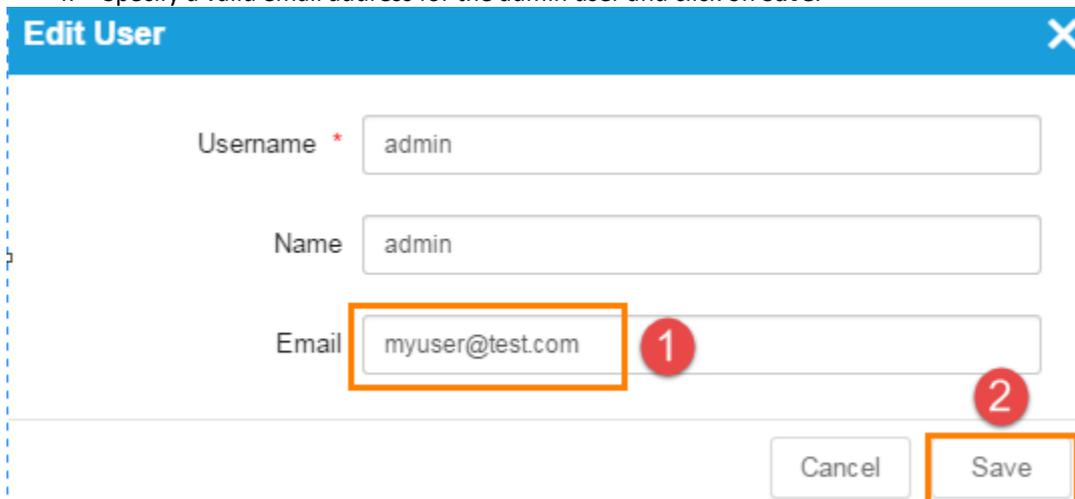
Step 2: Define the email server settings

1. Click on the **System** icon in the Administration toolbar
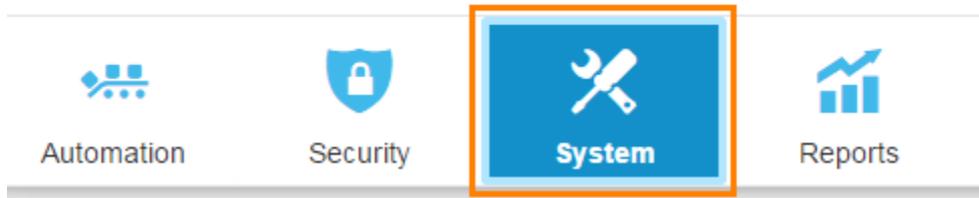
2. From the drop down select **System Settings** and click on the **Edit** button
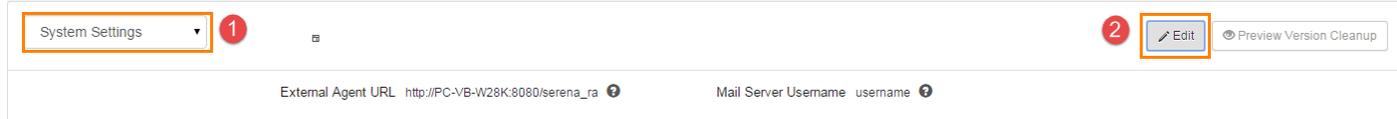
1. Define the relevant value for **Mail Server Host**
2. Define the **Mail Server Host**
3. Supply the **Mail Server Username**
4. Define the **Mail Server Password**[1]
5. Click on **Save** to store these settings.

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[1] Note: Mail Server Username and Password are only required if the SMTP server requires them, otherwise these fields can be left blank

Step 3: Create a new notification scheme

1. Go to the drop down and select **Notification Schemes** and click on the plus icon to create a new notification scheme
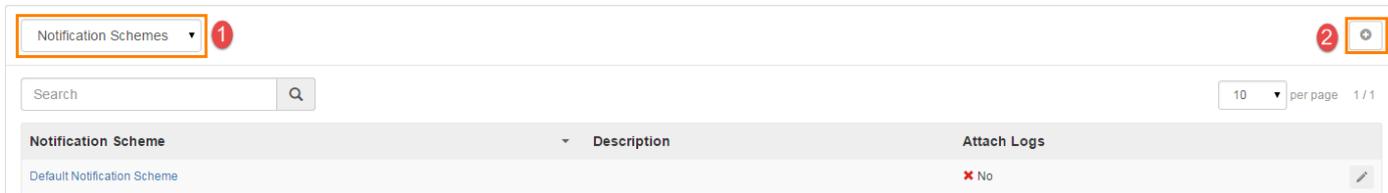
2. Define a new scheme called **Process Started** and click on **Save**.
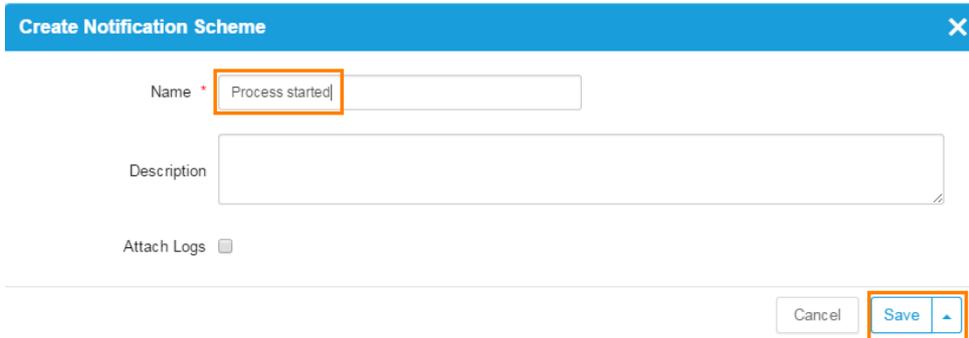
3. Click on the Process started link and then click on the **+ Entry** icon to create a new notification entry

4. Define the entry as shown below and click on Save.
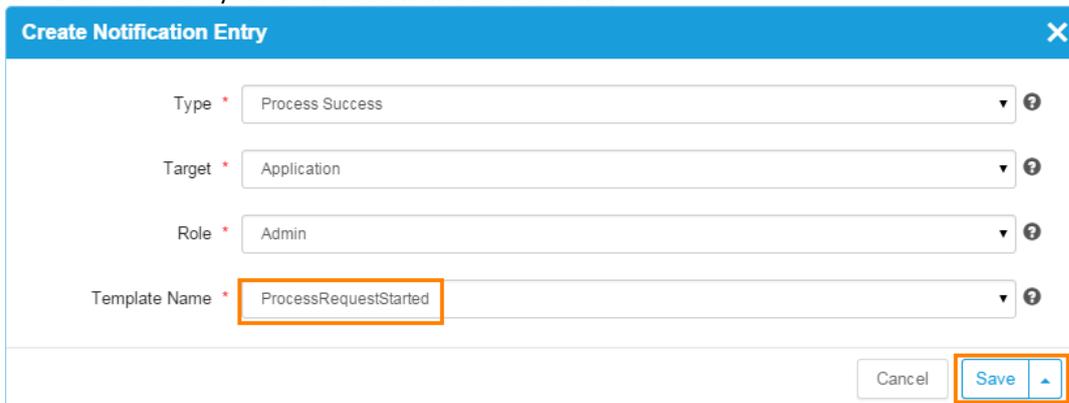
5. The Process Started notification will now display a process started notification
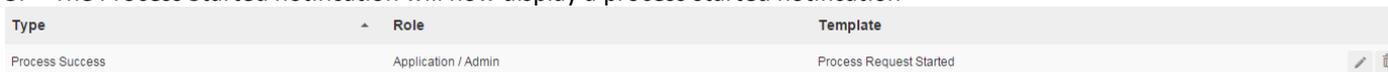
Step 4: Configure an existing application to use the notification scheme

1. Click on the top menu icon in the top left of the UI ☰ 🌐 SDA
2. Select **Management | Applications** click on an existing application click on the **Details** icon then on the **Edit** button
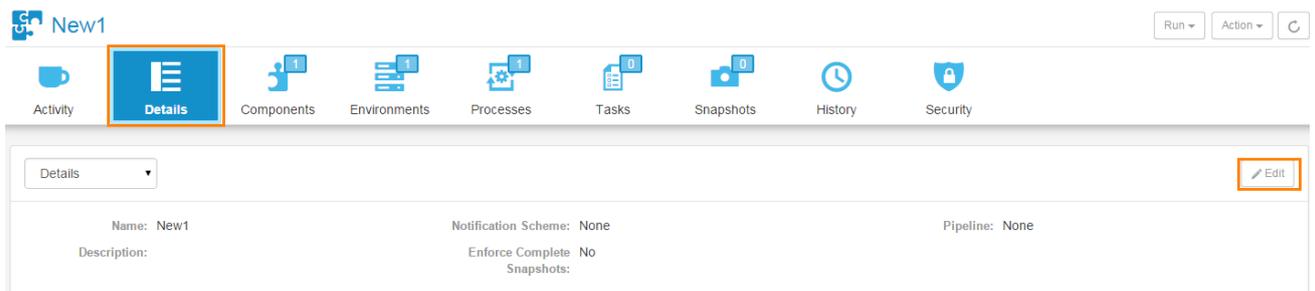
3. Select **Process started** scheme on the **Notification Scheme** drop down and click on **Save**.
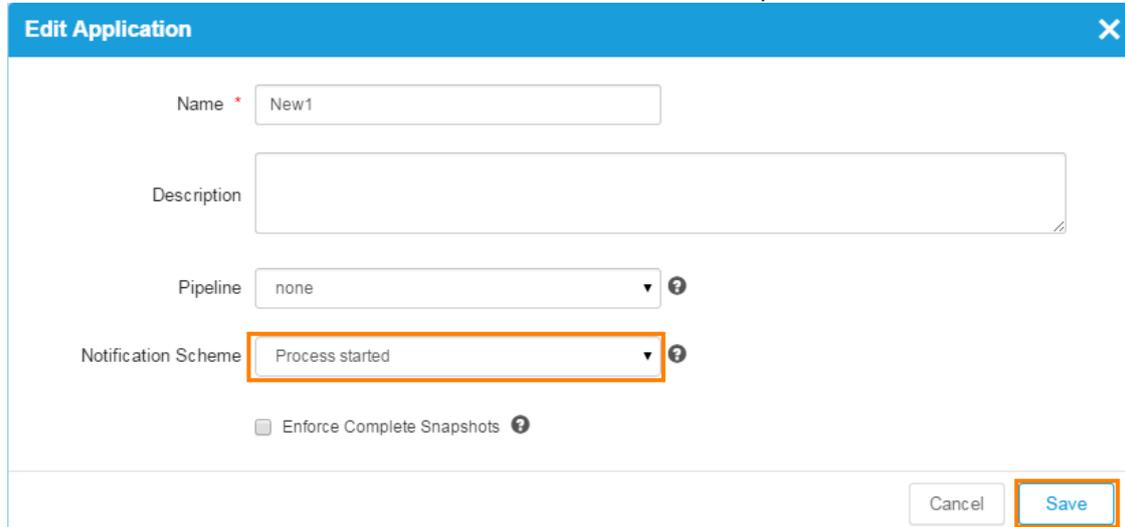
Step 5: Run the Application process to test the notification

In the top right corner select **Run | Application Process**
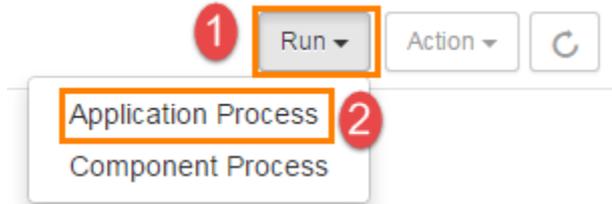
Define the relevant options and submit the Process request.

Step 6: Check the Output Log

Email notifications are recorded in the output log, to access the log perform the following

1. Click on the top menu icon in the top left of the UI
2. Go to **Administration | System**
3. Click on the **Action** button and select **View Output Log**
4. Click on the **Right End Arrow Icon** to go to the end of the log

5. Within the log, similar output should appear to the following below

```
2015-04-01 17:11:22,920 - Sending email to [mysuser@test.com]...
2015-04-01 17:11:24,640 - Email to [mysuser@test.com] sent
2015-04-01 17:11:24,643 - All emails sent successfully
```

Note: The Output Log can be used for debugging email notifications.

Step 7: Review the email sent

An email containing similar information below, should appear in the inbox of the email address defined in **Step 1**.

Mon 29/06/2015 13:34

sda_admin@serena.com

Serena DA: New1 Process Started
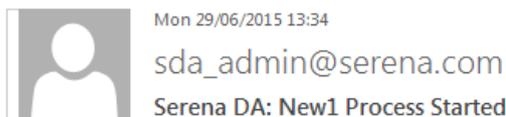
To   Paul Caruana

If there are problems with how this message is displayed, click here to view it in a web browser.

Execution of a process on New1 has begun:

Application: New1
Process: RunDwnld
Environment: NewE
Requested By: admin
Requested On: Mon, 29 Jun 2015 13:33:31 +0100
Description:

Versions Included:

Component	Version	Description
NewComp1	v1	

Additional information available on Serena DA: http://PC-VB-W28K:8080/serena_ra/app#/application-process-request/f177d75c-685c-4e0b-8358-599dcf5154ed/log

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