

SDA 6 Email notification tutorial

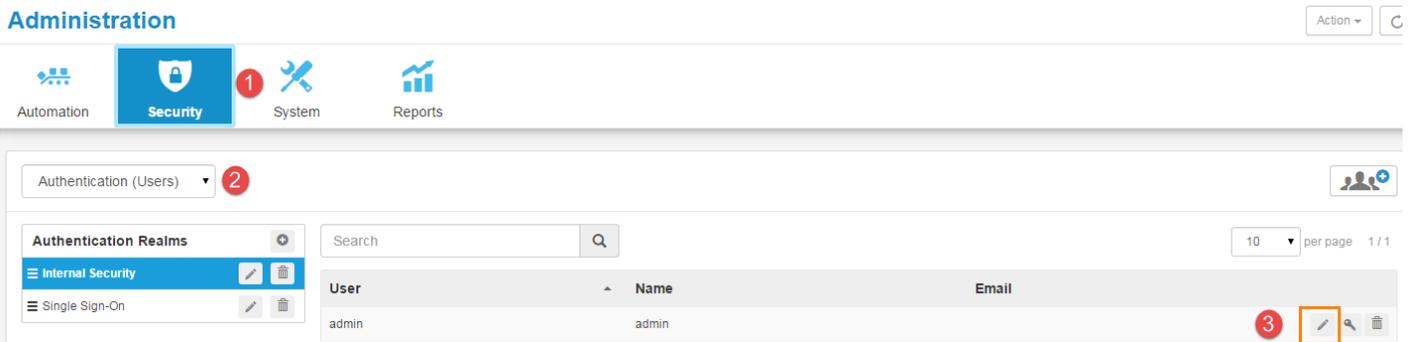
SDA offers a configurable event based email notification system. For example, notifications can be sent when a deployment finishes or an approval is required. The following document describes a simple set up scenario, which will email a user once an application deployment request has been successfully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

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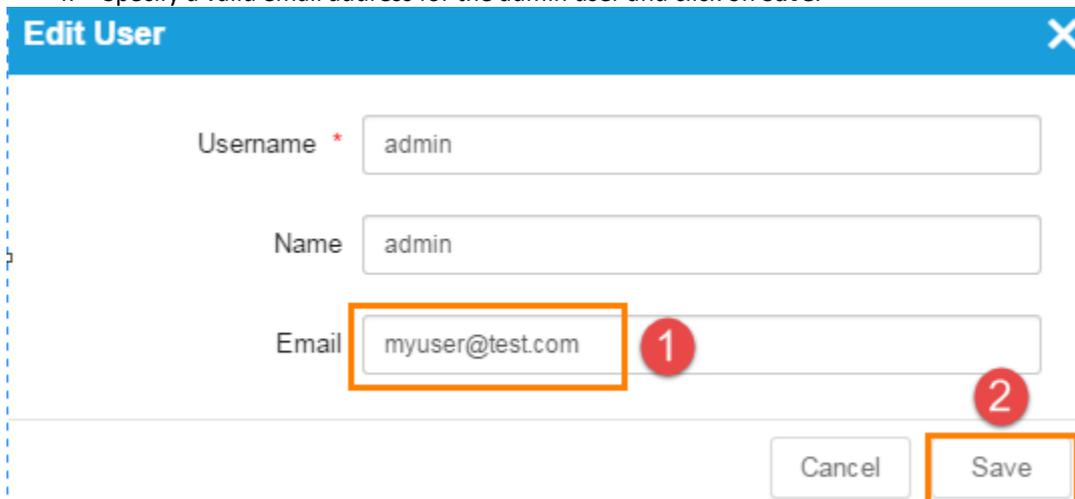
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Step 1: Assign an email address to the Admin user

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



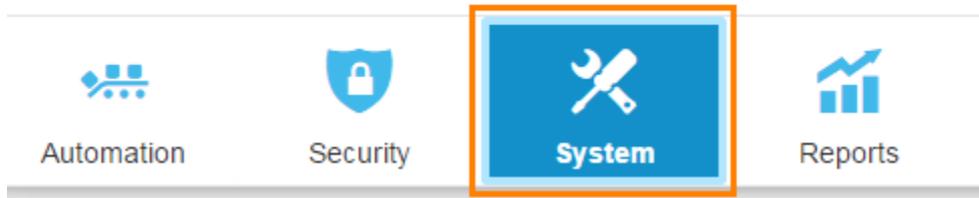
4. Specify a valid email address for the admin user and click on **Save**.



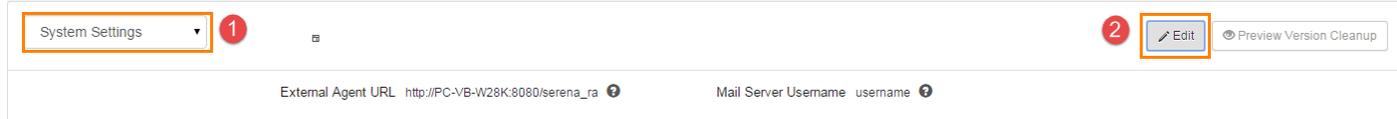
Step 2: Define the email server settings

1. Click on the **System** icon in the Administration toolbar

Administration



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.

System Settings

External Agent URL * ?

External User URL * ?

Only Groups in Security Roles ?

Default security group ?

Automatic Version Import Check Period (seconds) * ?

Mail Server Host 1 ?

Mail Server Port * ?

Secure Mail Server Connection ?

Mail Server Sender Address * 2 ?

Mail Server Username 3 ?

Mail Server Password 4 ?

Hour to Clean Versions * ?

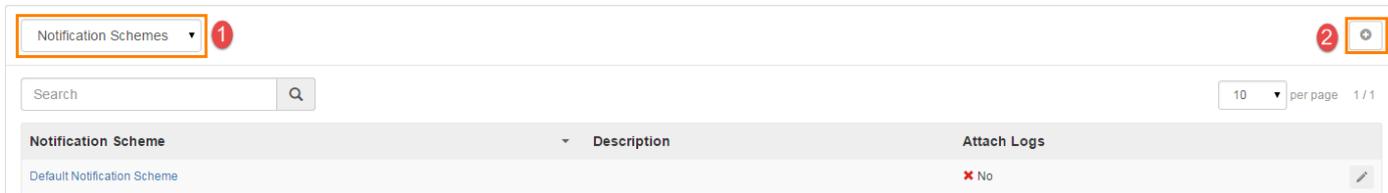
Days to Keep Versions * ?

5

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

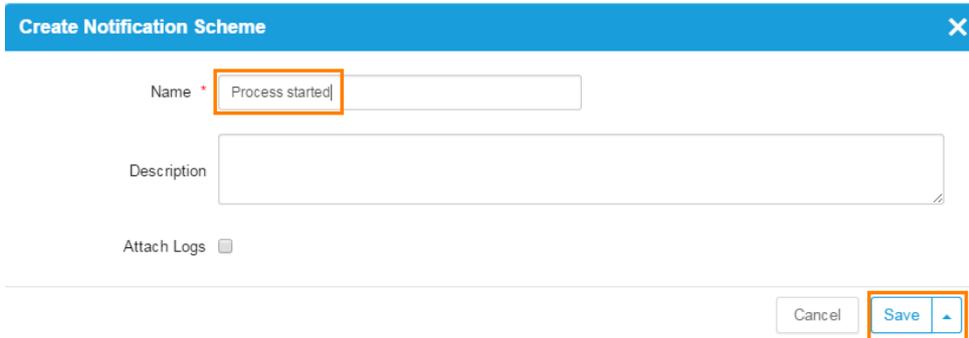
Step 3: Create a new notification scheme

1. Go to the drop down and select **Notification Schemes** and click on the plus icon to create a new notification scheme



A screenshot of the 'Notification Schemes' interface. At the top left, a dropdown menu is open, showing 'Notification Schemes' with a red circled '1' next to it. To the right, a plus icon in a red circle is labeled '2'. Below the dropdown is a search bar. A table below shows one entry: 'Default Notification Scheme' with a description of 'No' and an 'Attach Logs' checkbox that is unchecked. The table has columns for 'Notification Scheme', 'Description', and 'Attach Logs'. The page shows '10 per page' and '1 / 1' items.

2. Define a new scheme called **Process Started** and click on **Save**.



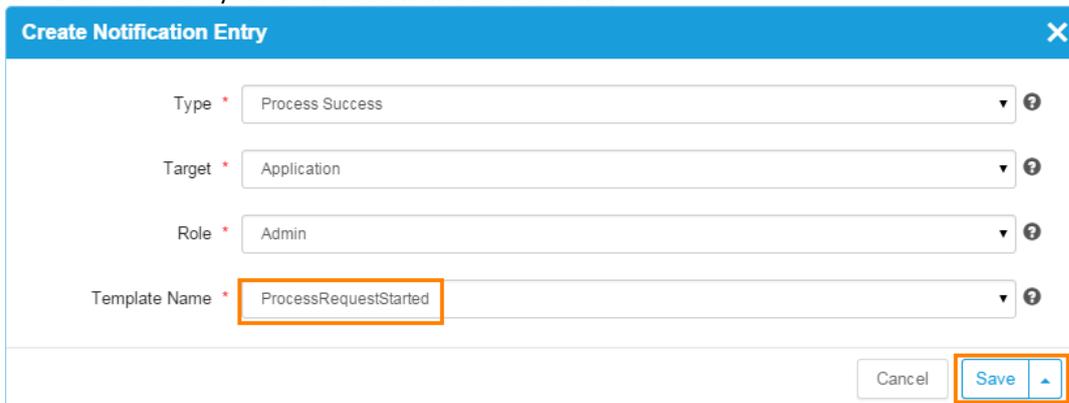
A screenshot of the 'Create Notification Scheme' modal form. The title bar is blue with a close button. The form has three fields: 'Name' with the value 'Process started', 'Description' (empty), and 'Attach Logs' (unchecked). At the bottom right, there are 'Cancel' and 'Save' buttons, with the 'Save' button highlighted by a red box.

3. Click on the Process started link and then click on the **+ Entry** icon to create a new notification entry



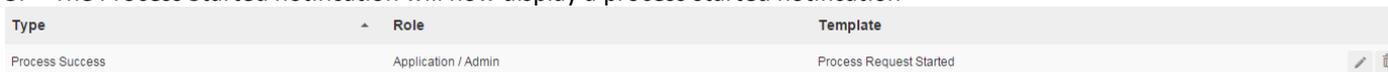
A screenshot of the 'Notification Entries' list. The title bar is blue with a close button. Below the title bar, there is a table with one entry: 'Process started' with a '+ Entry' icon to its right, which is highlighted by a red box.

4. Define the entry as shown below and click on Save.



A screenshot of the 'Create Notification Entry' modal form. The title bar is blue with a close button. The form has four dropdown fields: 'Type' (Process Success), 'Target' (Application), 'Role' (Admin), and 'Template Name' (ProcessRequestStarted). The 'Template Name' field is highlighted by a red box. At the bottom right, there are 'Cancel' and 'Save' buttons, with the 'Save' button highlighted by a red box.

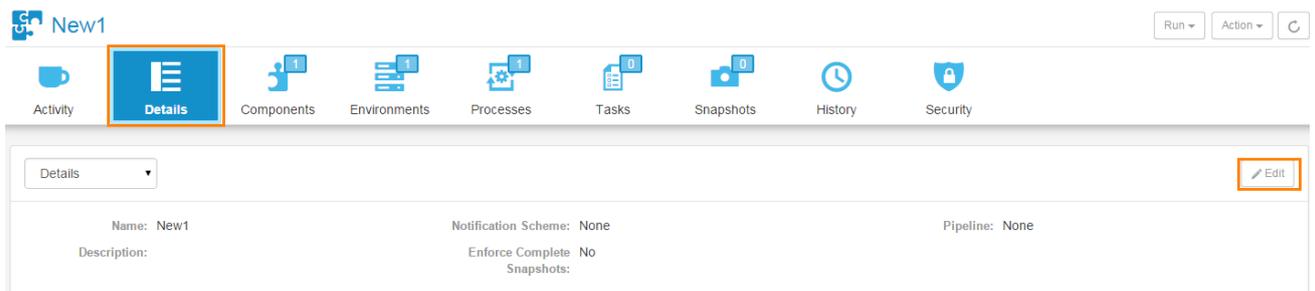
5. The Process Started notification will now display a process started notification



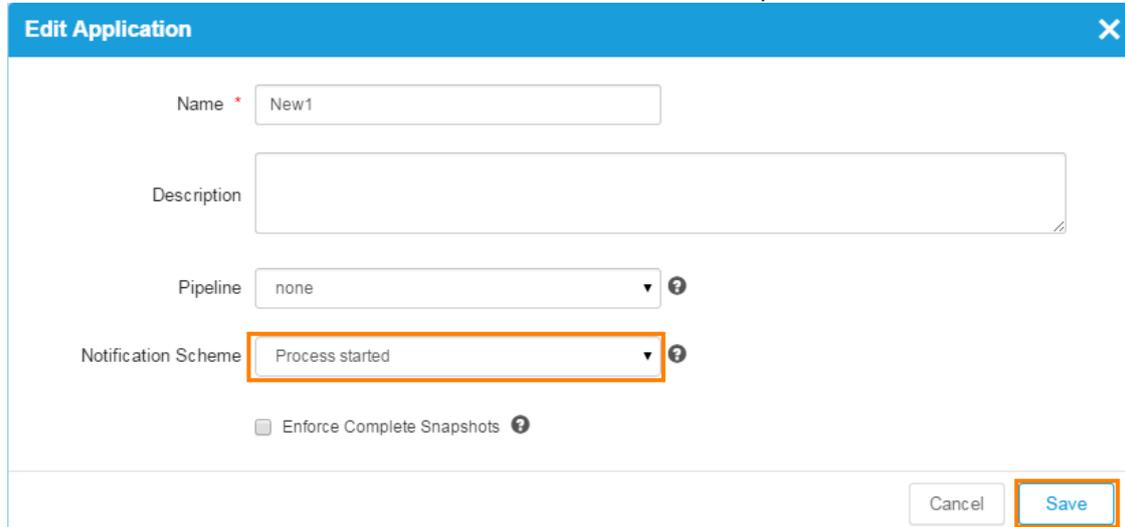
A screenshot of the 'Notification Entries' list. The title bar is blue with a close button. Below the title bar, there is a table with one entry: 'Process Success' with a role of 'Application / Admin' and a template of 'Process Request Started'. The table has columns for 'Type', 'Role', and 'Template'. There are also edit and delete icons at the bottom right.

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 
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**.



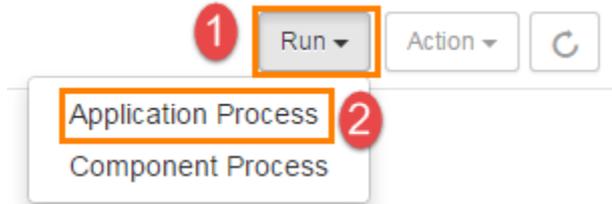
The 'Edit Application' dialog box is shown with the following fields and options:

- Name: * New1
- Description: (empty text area)
- Pipeline: none
- Notification Scheme: Process started (highlighted with an orange box)
- Enforce Complete Snapshots

Buttons: Cancel, Save (highlighted with an orange box)

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



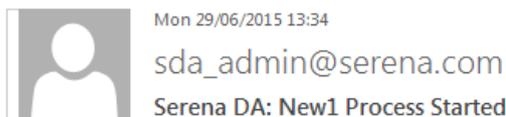
5. Within the log, similar output should appear to the following below

```
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**.



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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