HOW-TO GUIDE

HT0051 Rev 1

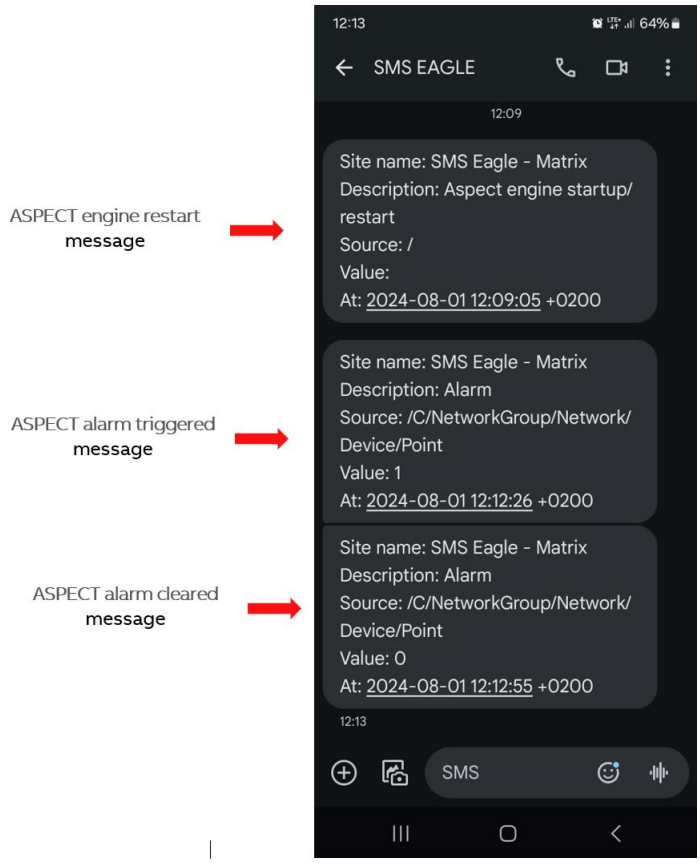
How to configure SMS Eagle gateway with ASPECT®

1 Introduction

For instances where an ASPECT® Site is required to send SMS messages, a hardware SMS/MMS gateway device must be connected and configured. ABB recommends the **SMS**Eagle devices for this purpose.

SMSEagle for **ASPECT** systems can send 3 types of messages:

- ASPECT Engine Restart
- Alarm triggered
- Alarm cleared



This document describes how to configure an **SMS**Eagle device and the ASPECT site to which it is connected so that SMS messages are properly sent.

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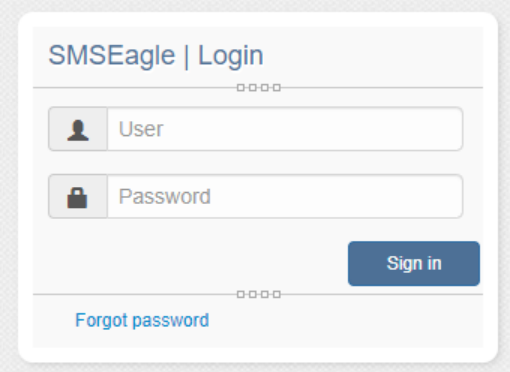
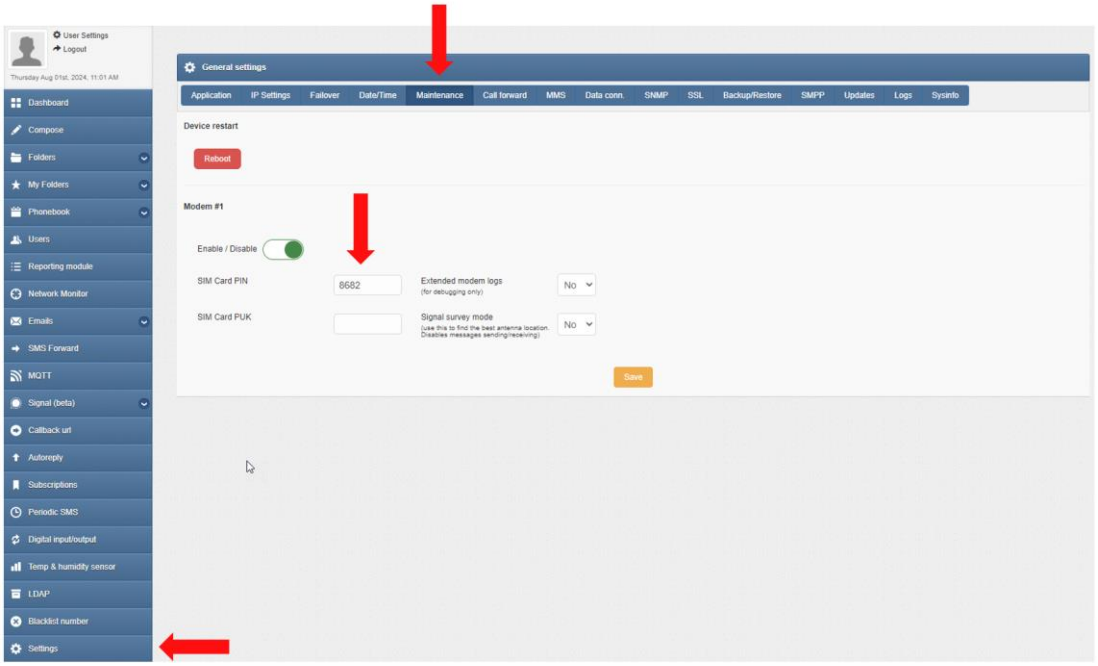
2 Steps to configure SMS Eagle

To make sure the **SMS**Eagle hardware is set correctly, follow the steps:

1. Determine the IP address of the device. The **SMS**Eagle gateway is configured as DHCP client, so you can use any IP scanner to find what IP address has been assigned.
2. Type the IP address in a web browser to access the device's login page.
3. Use the Quick Start Guide available in the device box or on `support.smseagle.eu` to determine the device's default login credentials (for example `admin`/`password`). Enter these credentials on the device's login page:



4. In the **SMS**Eagle Web GUI select `Settings` in the sidebar and then the `Maintenance` tab and enter your SIM card PIN number. If PIN code is not enabled on the card, leave this field blank.



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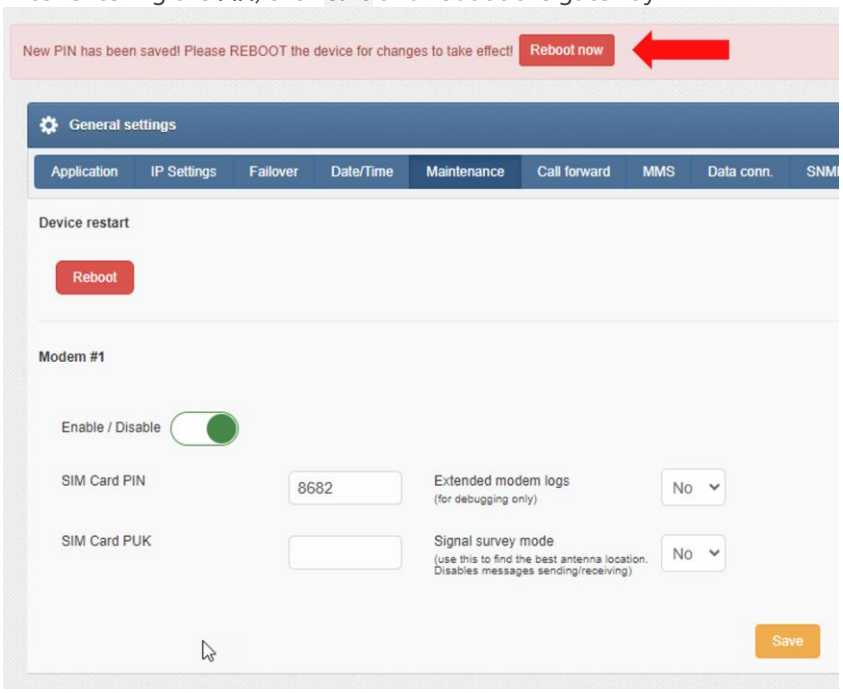
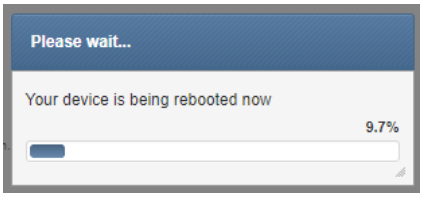
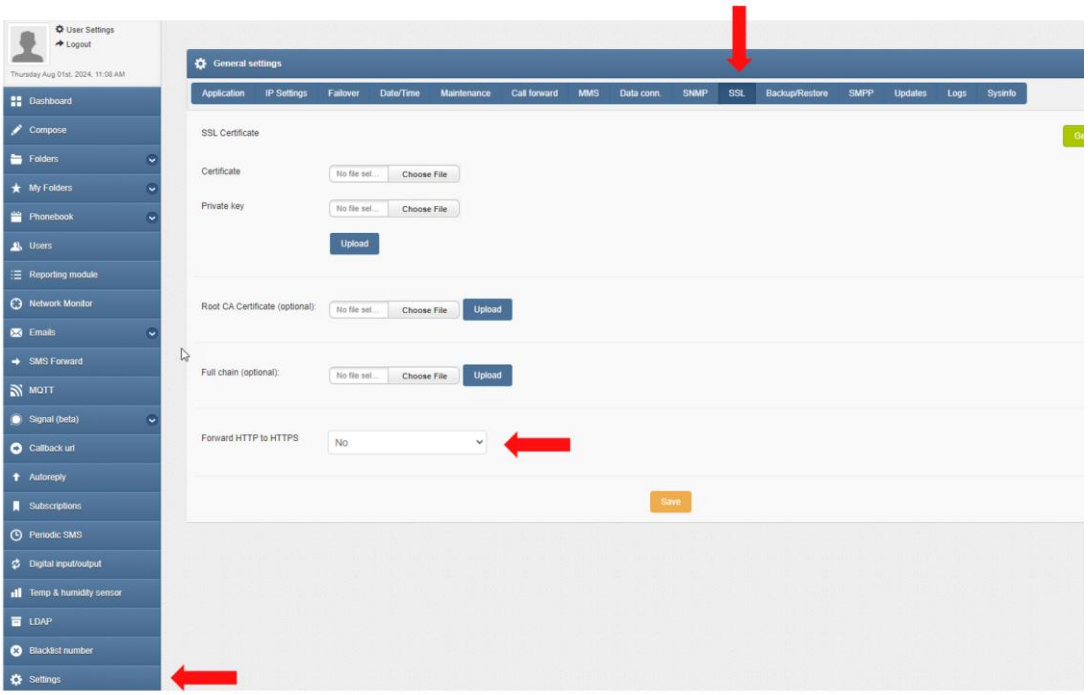
5. After entering the PIN, click Save and reboot the gateway





6. Open the Settings > SSL page. Set Forward HTTP to HTTPS to "No"



Click Save and reboot the device.

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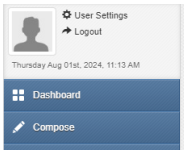
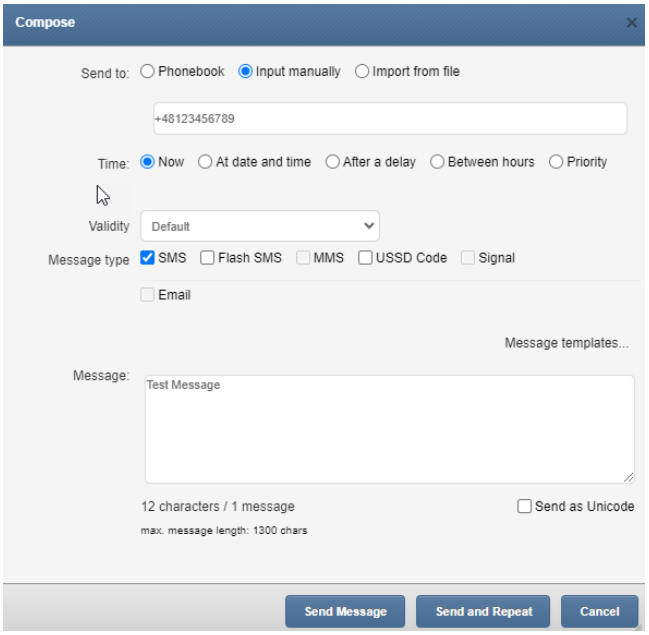
7. To test if messages can be sent successfully to the desired recipient, it is possible to manually create an SMS message by clicking Compose in the left-hand bar:



This opens the Compose page. Fill in the form and click Send Message:



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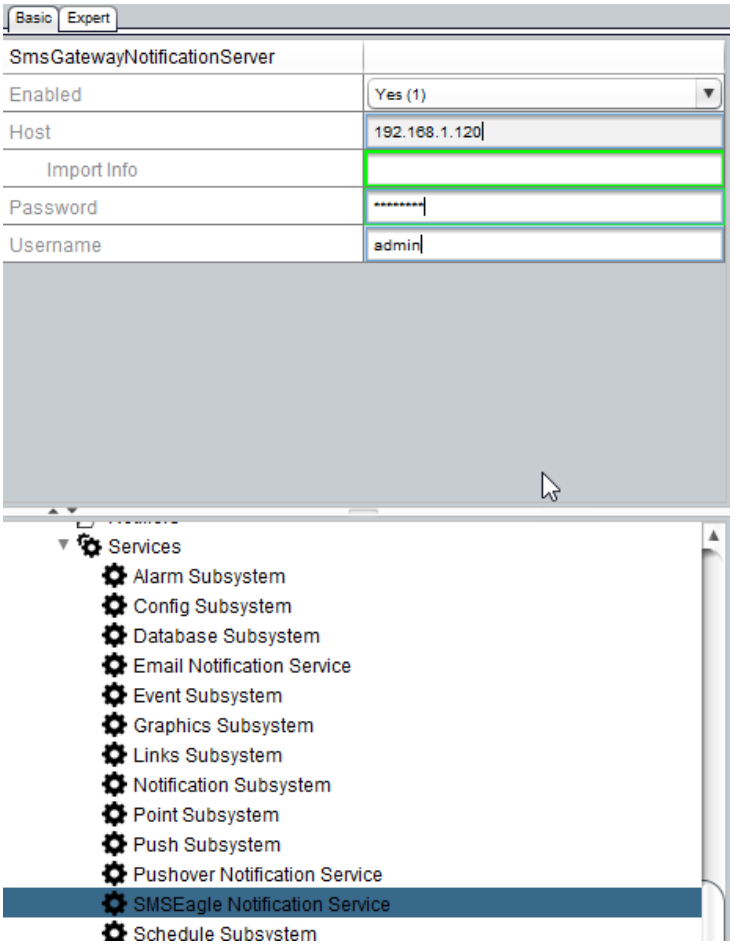
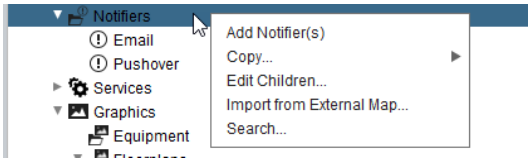
3 Steps to configure ASPECT

1. Open **ASPECT-Studio** and in your **ASPECT** Project tree navigate to Services > SMS Eagle Notification Service.
2. In the Basic properties tab enter the IP address and credentials for the **SMS**Eagle device.

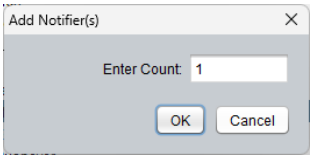
Note: Press ENTER after typing the password for the properties window to accept it.



3. Navigate to Notifiers section in your **ASPECT** Project Tree.
4. Right-click on Notifiers and select Add Notifier(s) in the context menu.



5. Set Enter Count to 1 and click on the OK button.



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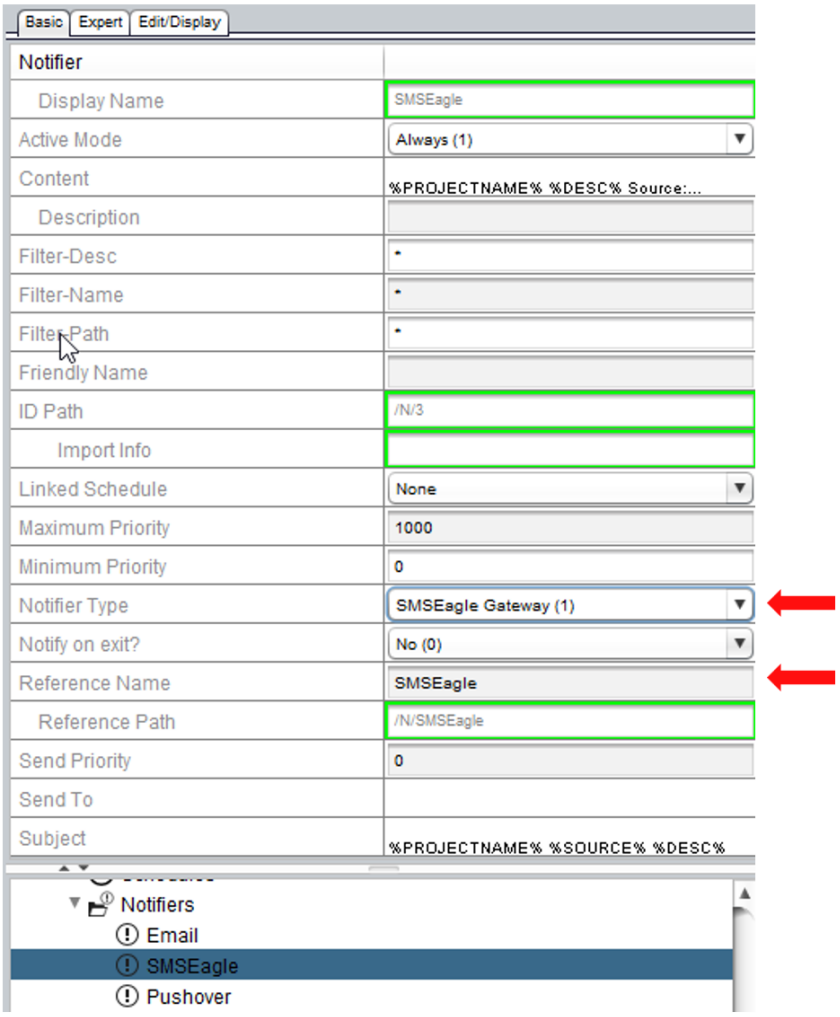
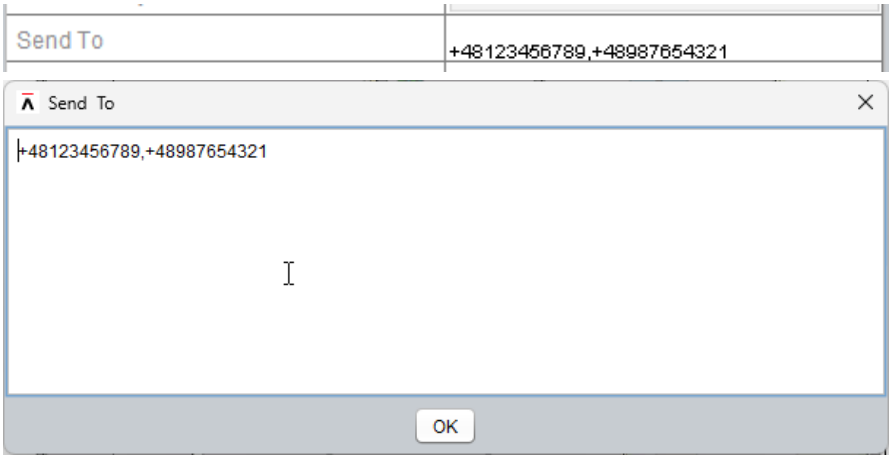
6. In the Basic properties tab change the Notifier Type to `SMSEagle Gateway (1)` and the Reference Name to `SMSEagle`.



7. Double-click on the Send To propery value and enter a comma-separated list of the mobile numbers of all recipients.



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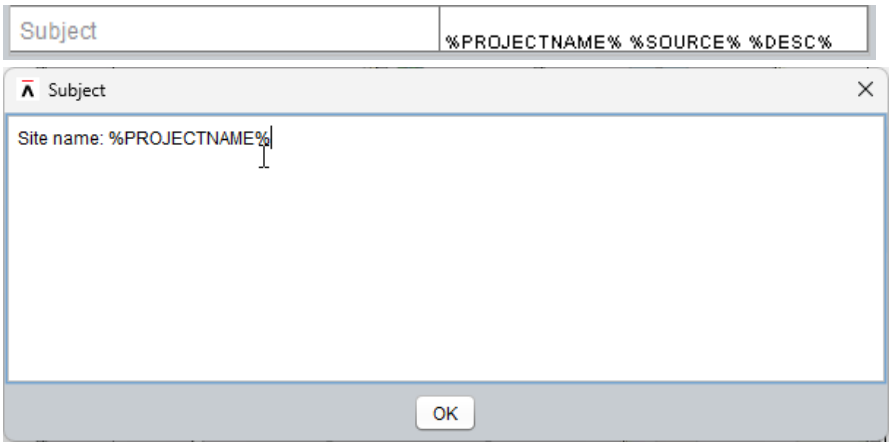
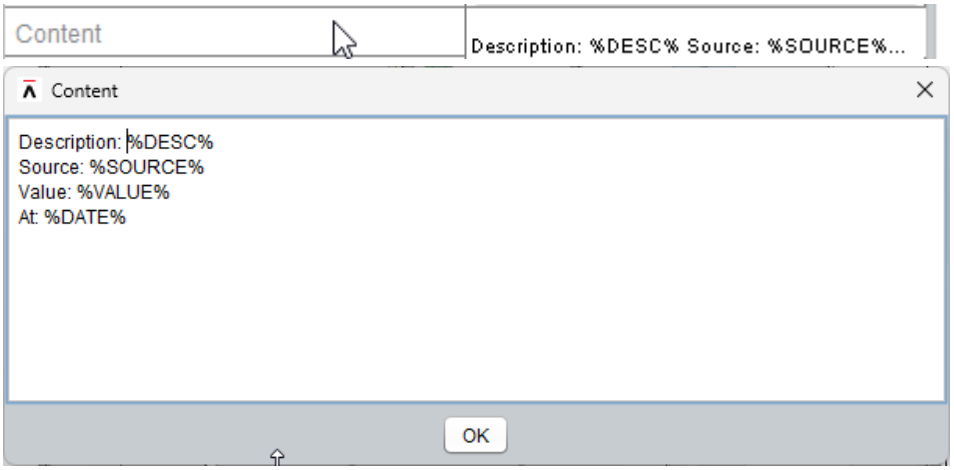
8. Double-click on the Subject property value to define the Subject of the SMS message.

Note: Both plain text and ASPECT TStrings (Tokenized Strings) can be used in this field



9. Double-click on the Content property value to adjust your message content.

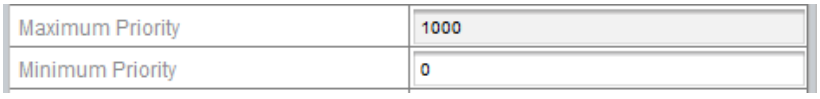
Note: Both plain text and ASPECT TStrings (Tokenized Strings) can be used in this field



10. Set the Active Mode property to specify how this Notifier will become active:

Note: Notifier Active Mode can be `Disabled`, `Always Active`, `Controlled by Schedule`, or `Inverted Schedule Control`.
`Disabled` Notifiers will automatically stop evaluation - this is useful to temporarily suspend a notifier without deleting it.
`Always Active` Notifiers will always continue to evaluate.
`Controlled by Schedule` (with a corresponding schedule selection) will be true any time a schedule has an event/value and false any time that it does not have an event/value.
`Inverted Schedule control` (with a bound schedule) will be true any time that the bound schedule does not contain a value.

11. Set the Notifier's alarm priorities to limit notifications to specific ASPECT alarm priorities.



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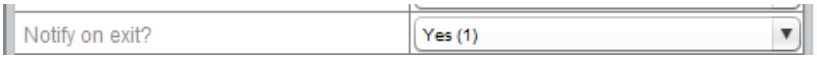
12. Set the Notify on Exit property to receive notifications when alarm is cleared



13. Deploy the ASPECT project.
14. To test whether notifications being sent to all desired recipients, deliberately trigger an alarm.

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