



SANGFOR

Sangfor NGAF

SMTP Server Configuration Guide

Product Version 8.0.35

Document Version 01

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Change Log

| Date | Change Description |
|---------------|---|
| Jul. 05, 2021 | This is the first release of this document. |

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1 Introduction

1.1 Abbreviations and conventions

NGAF in this article refers to the SANGFOR NGAF device.

1.2 Feedback

If you find any questions of this documents, please feel free to give us feedback, email:
tech.support@sangfor.com.

2 Abbreviations and Conventions

SMTP: A relatively simple text-based standard protocol for transmitting e-mail on the internet.

Listening Port: TCP port 25

SSL Enabled Listening Port: 465

3 Background

Scenario: You can set up an SMTP server to enable alerts for firewall management and endpoint events. When an alert is triggered firewall sends an email notification to the configured email address.

4 Configuration

Step 1. Go to the **System** page

The screenshot shows the NGAF Platform interface with the 'System' tab selected. The main dashboard displays two main sections: 'SOC' and 'Hardware & System Operations'.
SOC Section:

- Icon: Circular with a bar chart.
- Count: 21
- Label: Alert Events
- Sub-categories: Threat Intelligence (15), Business Asset & User Protection (5), Vulnerable Users (1), and a placeholder (...).

Hardware & System Operations Section:

- Icon: Circular with a bar chart.
- Count: 3
- Label: Alert Events
- Sub-categories: License & Database Expiration (3), Passthrough (0), and Logging Compliance (0).

Ransomware Protection:

Anti-Ransomware for Business Assets

No vulnerabilities detected. Click Start Scan to rescan.

Vulnerable Business Assets: 0

Vulnerabilities:

- Open Port (RDP, SMB and other open ports): 0 Business Assets
- System Vulnerability (S2-045 and other vulnerabilities): 0 Business Assets
- Weak Password (admin, 123456 and other weak passwords): 0 Business Assets

Step 2. In General Settings, select the SMTP Server

The screenshot shows the NGAF Platform interface. The left sidebar under 'System' has a 'General Settings' link highlighted with a red box. The top navigation bar includes tabs for Home, SOC, Monitor, Policies, Objects, Network, and System. The 'System' tab is active and highlighted with a blue background. The main content area is titled 'Central Management | The page can be configured.' It shows configuration options for a specified email server, including fields for Sender Email Address, SMTP Server, Server Port (set to 25), Decryption (SSL checked), Authentication Required, Username, and Password. There is also a 'Send Test Email' button and a 'Save' button at the bottom.

Step 3. Fill in the necessary information as figure shown below.

The screenshot shows the 'Specified email server' configuration page. It includes fields for Sender Email Address (placeholder: ...@gmail.com), SMTP Server (placeholder: smtp.gmail.com), Server Port (placeholder: 465), Decryption (SSL checked), Authentication Required (checked), Username (placeholder: ...@gmail.com), and Password (placeholder:). Below these fields are 'Send Test Email' and 'Save' buttons. A callout bubble with the text 'Finally save your configuration' points to the 'Save' button, which is highlighted with a red box.

Decryption SSL: Once checked, listening port number will be changed from port 25 to port 465.

NOTICE

Different SMTP Server may have different mail server names and port. Current NGAF does not support the smtp service configured with STARTLS.

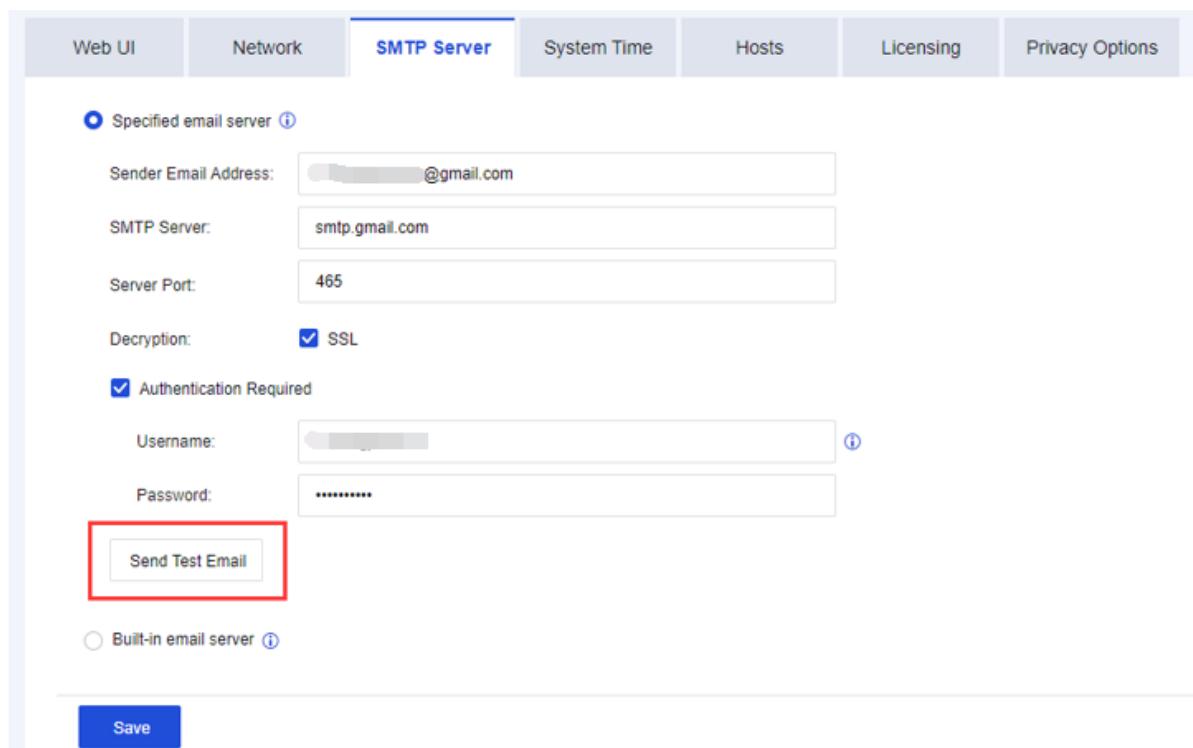
Example:

| Organization | SMTP Server Name | SMTP Port |
|--------------|---------------------|-----------|
| Gmail | smtp.gmail.com | 465 |
| Yahoo! | smtp.mail.yahoo.com | 465 |

5 Testing Result

This section will verify the SMTP Server configuration.

Step 1. On the **SMTP Server** section, click **Send Test Email** right below the authentication field.

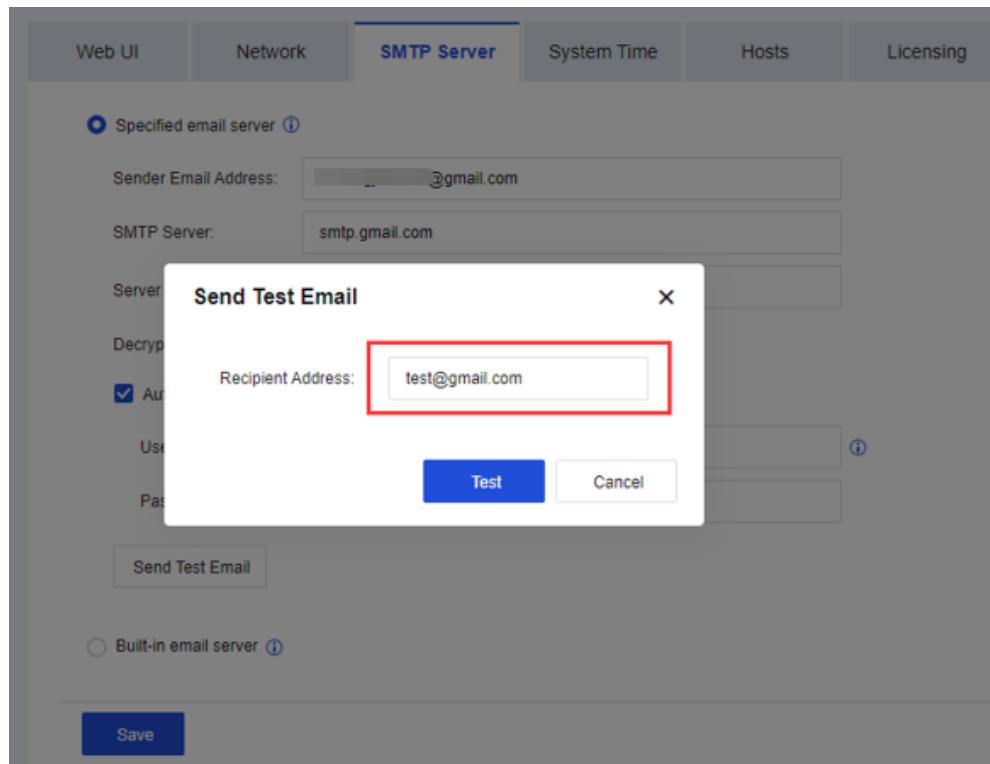


The screenshot shows the 'SMTP Server' configuration page in the Sangfor NGAF Web UI. The top navigation bar includes tabs for Web UI, Network, SMTP Server (which is selected and highlighted in blue), System Time, Hosts, Licensing, and Privacy Options. Under the 'Specified email server' tab, the following fields are filled out:

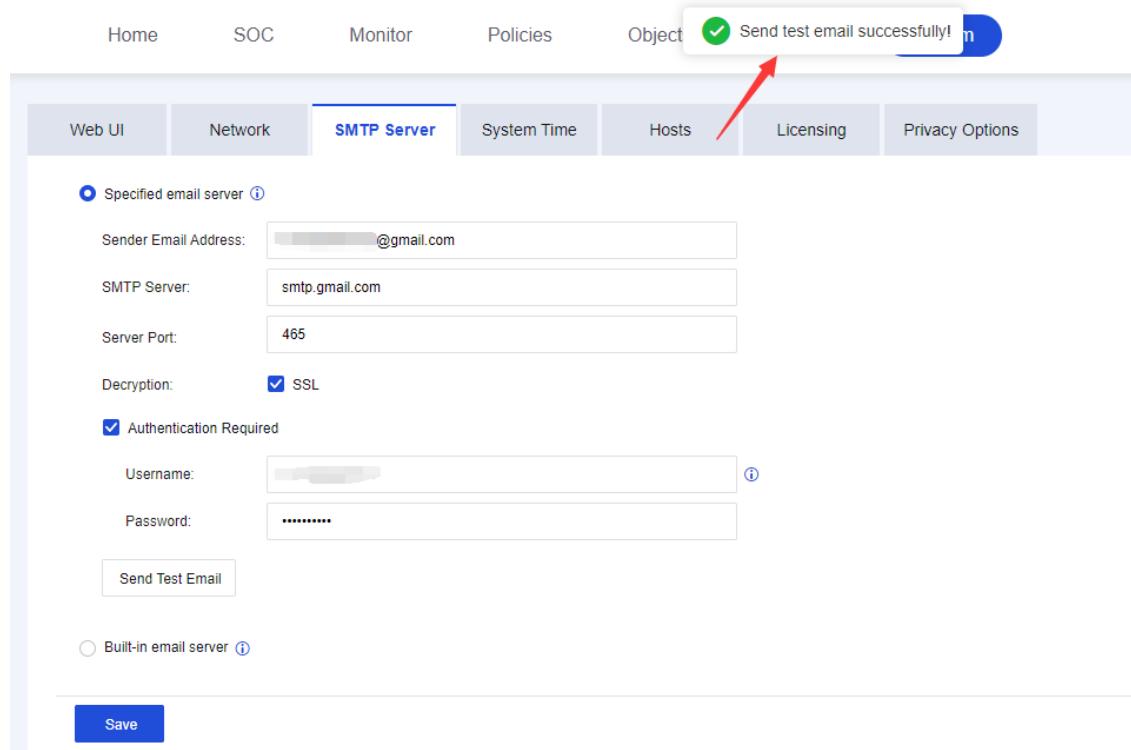
- Sender Email Address: [REDACTED]@gmail.com
- SMTP Server: smtp.gmail.com
- Server Port: 465
- Decryption: SSL
- Authentication Required:
- Username: [REDACTED]
- Password: [REDACTED]

A red box highlights the 'Send Test Email' button at the bottom of the form. Below the form, there is another radio button for 'Built-in email server' and a 'Save' button.

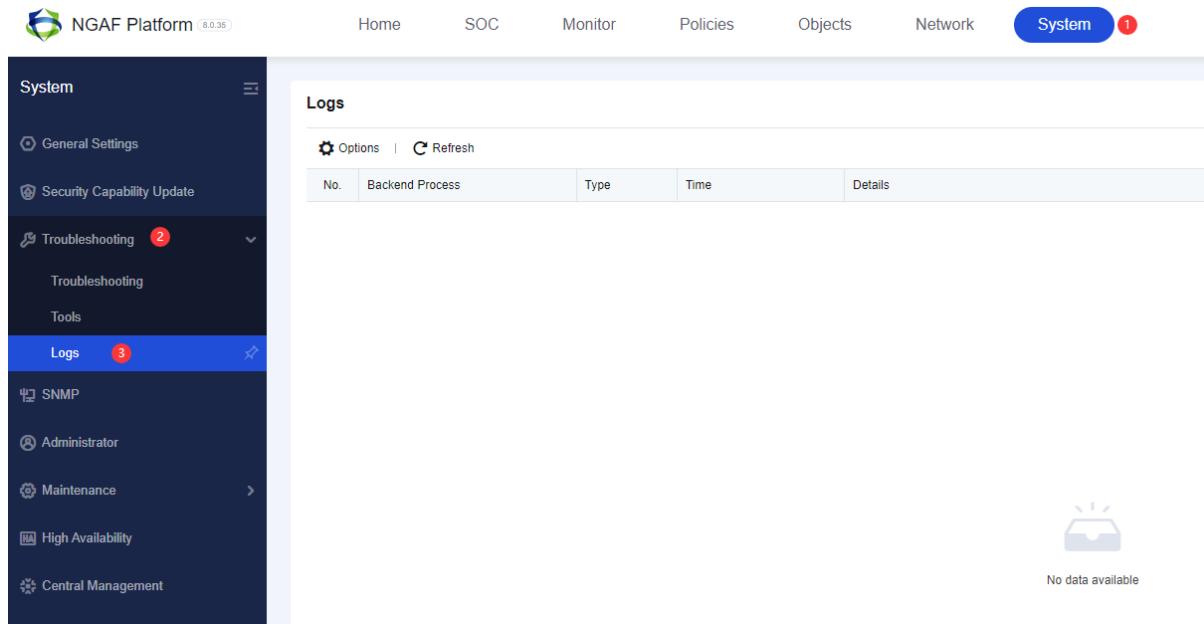
Step 2. A recipient address box will prompt to ask for the recipient email address. Input the appropriate recipient email address, then click **Test**.



Step 3. A **Send Test Email Successfully** will prompts out at the topmost, if a test email has been sent successfully.



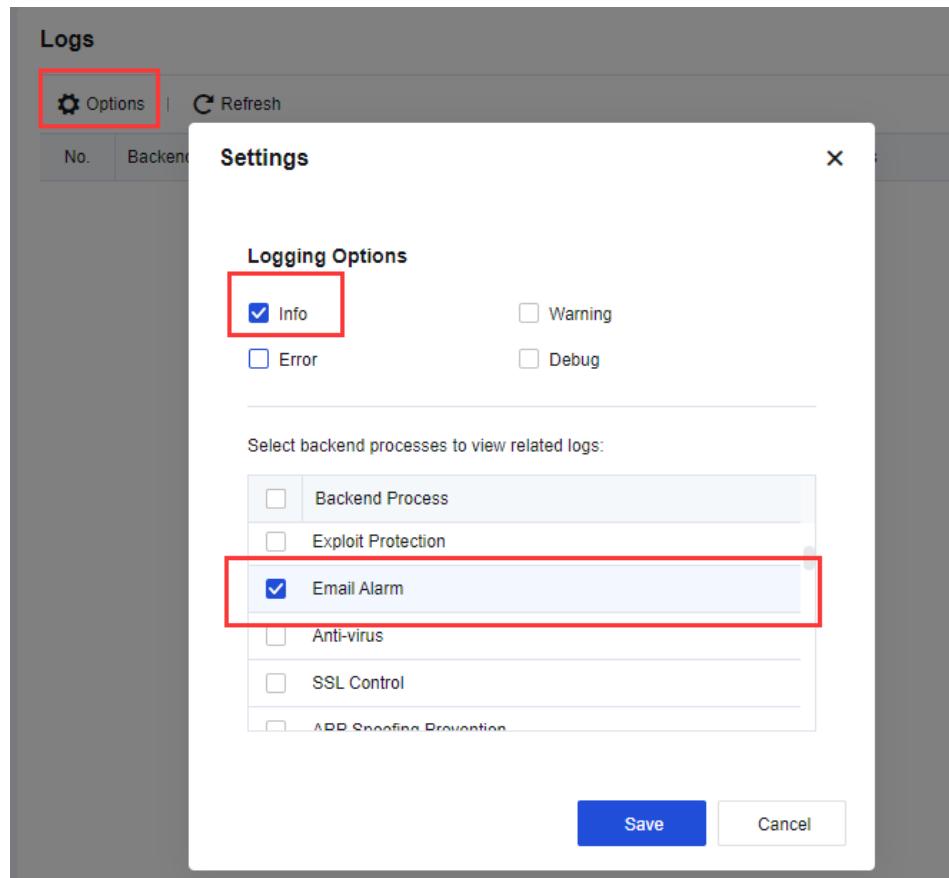
Step 4. You can verify the send test email logs by going to, **System > Troubleshooting > Logs.**



The screenshot shows the NGAF Platform interface with the following details:

- Top Bar:** NGAF Platform 8.0.35, Home, SOC, Monitor, Policies, Objects, Network, System (highlighted with a blue oval and a red exclamation mark).
- Left Sidebar:** System, General Settings, Security Capability Update, Troubleshooting (with a red notification badge '2'), Tools, Logs (highlighted with a red oval and a red notification badge '3'), SNMP, Administrator, Maintenance, High Availability, Central Management.
- Middle Panel:** Logs section. Sub-section: Backend Process. Headers: No., Backend Process, Type, Time, Details. Status: No data available.

Step 5. Select **Options** then a **Settings** box will pop-out; check the **Info** and **Email Alarm**, click **Save**.



The screenshot shows the 'Logs' settings dialog box with the following configuration:

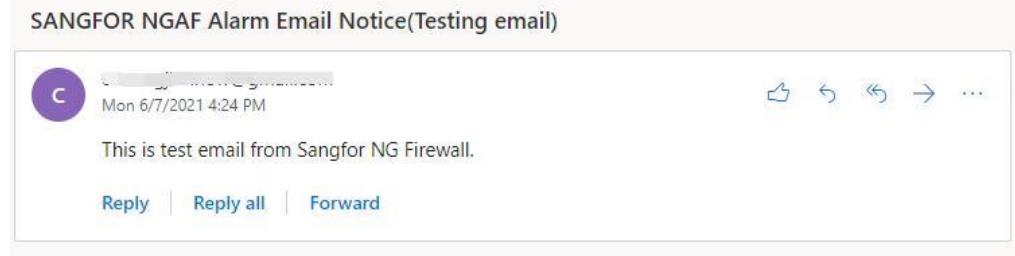
- Logging Options:** Info (checked), Warning, Error, Debug.
- Select backend processes:** Backend Process, Exploit Protection, Email Alarm (checked and highlighted with a red box), Anti-virus, SSL Control, ADP Snooping Prevention.
- Buttons:** Save, Cancel.

Step 6. You can see Email Alarm logs on the list and other details.

Logs

| No. | Backend Process | Type | Time | Details |
|-----|-----------------|------|----------|---|
| 1 | Email Alarm | Info | 21:54:37 | i1:mailsnd.cpp:1331 Send (Testing email) email successfully |
| 2 | Email Alarm | Info | 21:54:27 | i1:mailsnd.cpp:859 Add testing email |
| 3 | Email Alarm | Info | 21:53:50 | i1:mailsnd.cpp:1210 the notify of udp has no <mail_to> |
| 4 | Email Alarm | Info | 21:53:49 | i1:mailsnd.cpp:747 Add management email |
| 5 | Email Alarm | Info | 19:53:38 | i1:mailsnd.cpp:1210 the notify of udp has no <mail_to> |
| 6 | Email Alarm | Info | 19:53:38 | i1:mailsnd.cpp:747 Add management email |

Step 7. Check the email inbox, if the recipient received the testing email means the SMTP Server has been successfully configured.





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