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## **Documentations on Integrating SendQuick Alert Plus with OP5 Monitor for Email to SMS**

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*Prepared by*

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# 1.0 Introduction

This document is prepared as a guide to configure OP5 Monitor to run with SendQuick appliance for Email to SMS features

OP5 Version : 1.0.8.source

Release : 7.4.6

# 2.0 Configuring SendQuick Appliance

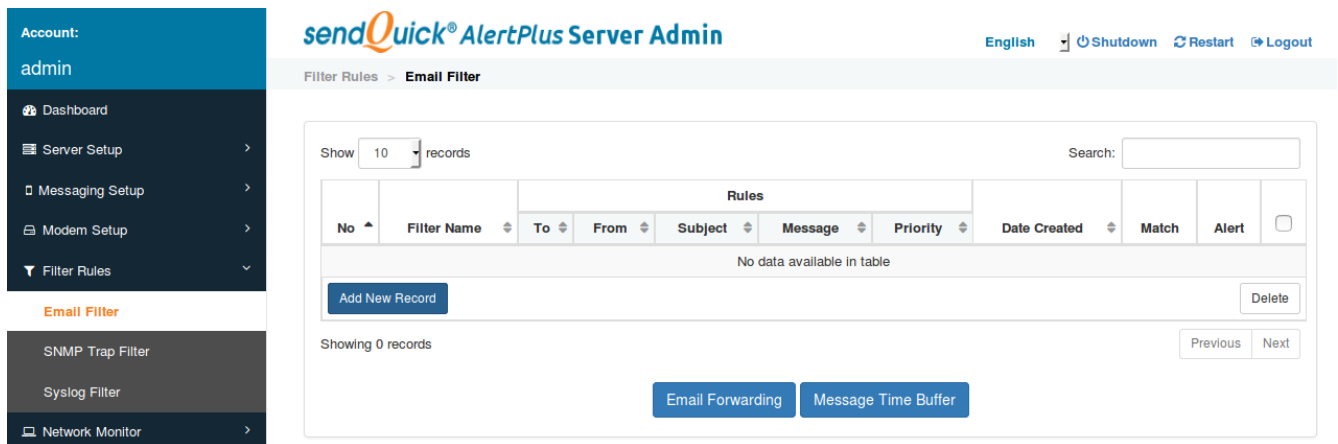
Login to SendQuick Appliance

Configure Host name and Domain

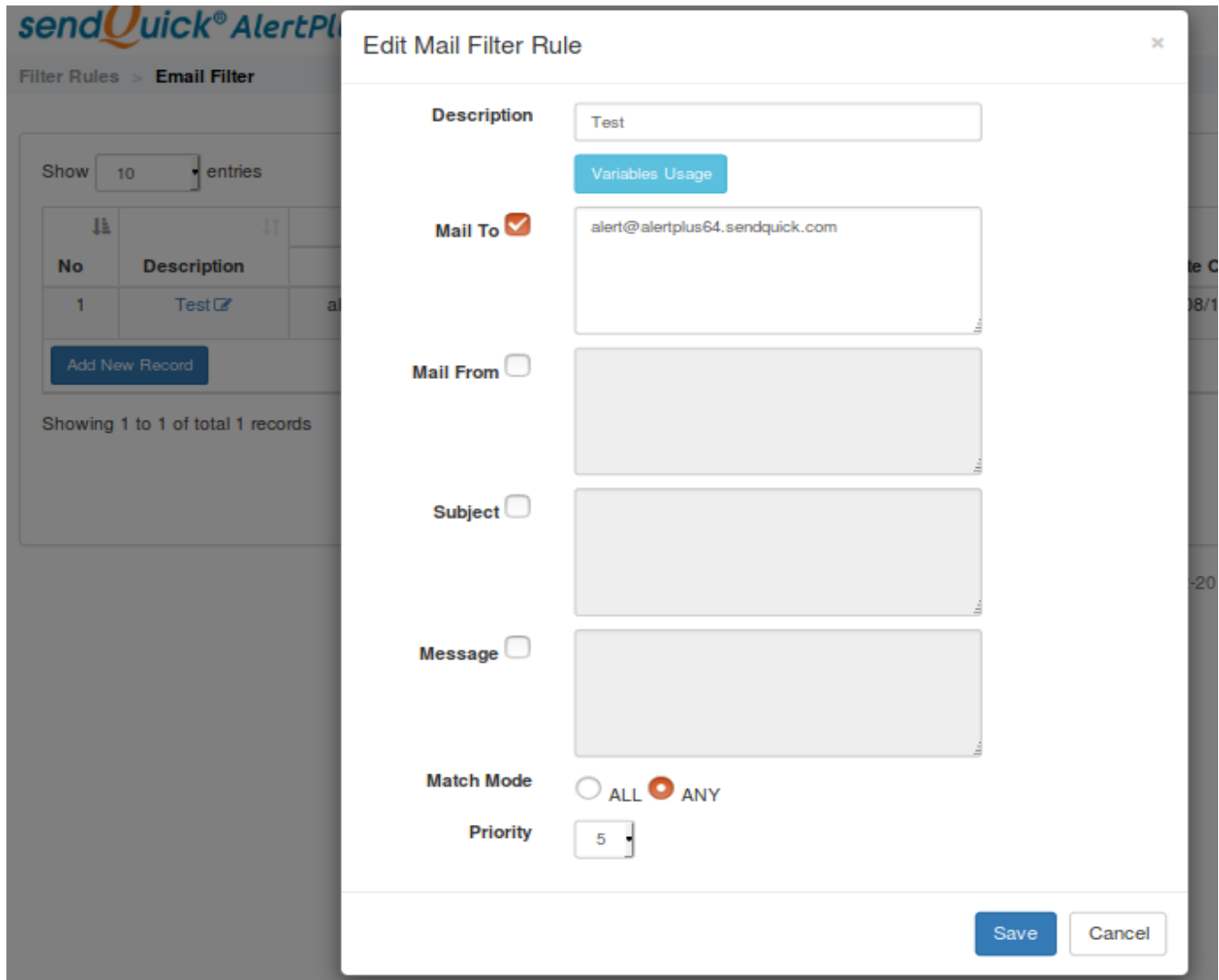


Configure email filter rules

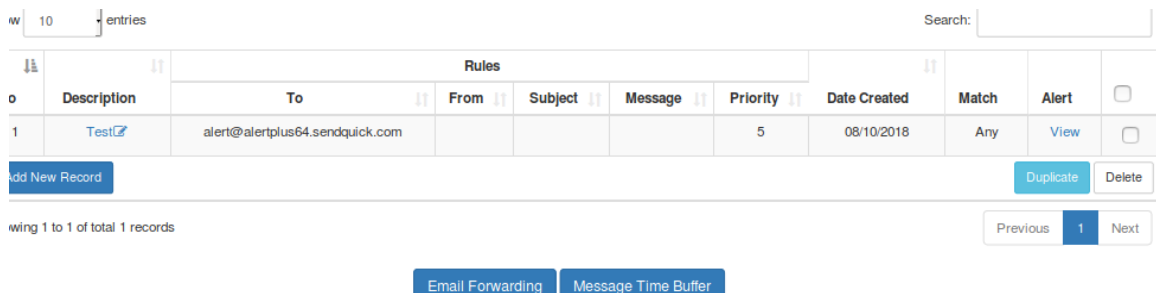
On the left hand panel, click on Filter rules > Email Filter and you will see as shown in the image below. Click Add New Records.



Under the Add Mail Filter Rule, you will need to put any name for the Filter Name Field. Tick on the Mail To Field and put “[anymame@sendquickHost.Domain](mailto:anymame@sendquickHost.Domain)” and then click on save.



Click on View to add in Mobile number to receives the alert shown in the images below.



Email Filter Rules	
Description	Test
Mail To	alert@alertplus64.sendquick.com
Mail From	
Subject	
Message	
Match Mode	ANY

**Alert Message** ASCII Text (ISO-8859-1) ▼

The default message is: xFRx:xSUBx:xMSGx where:

- xFRx is From (Email)
- xSUBx is the Email subject
- xMSGx is the Email message

xFRx:xSUBx:xMSGx

**Alert Receiver**

**Mobile Number to Receive Alert** 91072730

**Email to Receive Alert**

**Alert Setup**

The following setup is only applicable if mobile number is selected for receiving alerts. If all the initial alerts are sent to email addresses, the system will ignore the setup for reminder, escalation and report.

**Reminder** **Escalation** **Report**

Yes  min

Always include SMS

**Save** **Cancel**

Once done, click on save settings. That is all to configure for the SendQuick Appliance.

### 3.0 Configuring OP5

Next will be configuring OP5 to send out notifications via SMTP relay. SendQuick will be configured as SMTP.

Log on to your root account at your Monitor server using SSH/Console.

- Edit the Postfix main configuration file `/etc/postfix/main.cf`

```
File Machine View Input Devices Help
[root@op5-system ~]# vi /etc/postfix/main.cf _
```

- Insert an option such as this:  
`relayhost = [ IP address of sendQuick]`

```
File Machine View Input Devices Help
#
# In the case of SMTP, specify a domain, host, host:port, [host]:port,
# [address] or [address]:port; the form [host] turns off MX lookups.
#
# If you're connected via UUCP, see also the default_transport parameter.
#
#relayhost = $mydomain
#relayhost = [gateway.my.domain]
relayhost = 192.168.1.94
#relayhost = uucphost
#relayhost = [an.ip.add.ress]

# REJECTING UNKNOWN RELAY USERS
#
# The relay_recipient_maps parameter specifies optional lookup tables
# with all addresses in the domains that match $relay_domains.
#
# If this parameter is defined, then the SMTP server will reject
# mail for unknown relay users. This feature is off by default.
#
# The right-hand side of the lookup tables is conveniently ignored.
# In the left-hand side, specify an @domain.tld wild-card, or specify
# a user@domain.tld address.
#
```

- Restart the Postfix daemon by running the following command as root:  
`service postfix restart`

```
File Machine View Input Devices Help
[root@op5-system ~]# service postfix restart_
```

Login to OP5 Monitor > click on add your contact details

The screenshot shows the OP5 Monitor web interface. At the top, there is a navigation bar with the OP5 monitor logo and menu items: Dashboards, Monitor, Report, and Manage. Below the navigation bar, there is a blue banner with the text "Get access to tips, tutorials, support and" and "Your license will expi". The main content area is titled "Dashboard for administrator" and contains a section "Getting started with op5 Monitor". This section is divided into two main steps, each with a numbered circle icon and a title:

- 1 Start monitoring**
  - 1.1 Prepare
  - Some servers and network equipment may require an agent to monitor.
  - [Prepare equipment](#) ▶
- 2 Get notified**
  - 2.1 Supply contact details
  - Make sure you are notified if your monitored hosts detect problems.
  - [Add your contact details](#) ▶

## Supply contact details

Add a new contact as shown in the image below.

In the email field, put [anyname@sendQuickHost.Domain](mailto:anyname@sendQuickHost.Domain)

The screenshot shows the OP5 Monitor configuration interface. At the top, there is a navigation bar with 'Dashboards', 'Monitor', 'Report', and 'Manage' menus. A user profile for 'admin' is visible in the top right. A blue banner below the navigation bar contains the text: 'Get access to tips, tutorials, support and more during your trial - click here' and 'Your license will expire in 22 days'. The main content area is titled 'Configuration' and includes a search bar and a dropdown menu set to 'EmailToSMS'. Below this, a text box explains: 'A contact definition is used to identify someone who should be contacted in the event of a problem on your network. This is not always a user, which means not all contacts can log into the Monitor GUI.' The main configuration form for 'EmailToSMS' contains several fields: 'template' (set to 'default-contact'), 'contact\_name' (set to 'EmailToSMS'), 'alias' (set to 'SMS Gateway'), 'email' (set to 'alert@alertplus64.sendquick.com'), and 'file\_id' (set to 'etc/contacts.cfg'). There is also a 'Custom variable' section with an 'Add custom variable' button. A 'Submit' button is located at the bottom left of the form.

OP5 monitor Dashboards Monitor Report Manage

admin at op5-s

Get access to tips, tutorials, support and more during your trial - click here

Your license will expire in 22 days

Configuration Configuration page Save

Search... EmailToSMS Go New 3 Items

A contact definition is used to identify someone who should be contacted in the event of a problem on your network. This is not always a user, which means not all contacts can log into the Monitor GUI.

cont...

Relate

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T

C

Br...

EmailToSMS

template Search... default-contact Force template values View template values 2 Items

contact\_name \* EmailToSMS

alias \* SMS Gateway

email alert@alertplus64.sendquick.com

file\_id \* Search... etc/contacts.cfg 17 Items

Custom variable: Value: Add custom variable

Submit

## Set up host notifications

In the [configuration interface](#), select a host to edit, choose the Advanced tab and add your contact.

Select 'EmailToSMS' in contacts. Once done, click on 'Submit' and 'Save' the configuration settings.

The screenshot shows the configuration interface for a host named 'TestServer'. The interface is divided into several sections:

- Configuration page:** Includes a search bar with 'TestServer' entered, a 'Go' button, and a 'New' button. Below this is a description: 'A host definition is used to define a physical server, workstation, device, etc. that resides on your network.'
- Services for host TestServer:** A list of services including 'Scan host for network services', 'Scan host for SNMP interfaces', 'Scan host for Windows Services', 'Scan host for Logserver filters (Logserver 3.x only)', 'Services for host TestServer', 'Status information', 'Host Templates', 'Check Commands', 'Contact Groups', 'Time Periods', 'Add new host', and 'Bulk delete hosts'.
- TestServer configuration:** A table with columns for 'Dependencies', 'Escalations', 'Advanced', 'Clone', 'Copy', 'Propagate', and 'Delete'. The 'Advanced' tab is selected.
- Host details:**
  - template:** A search bar with 'default-host-template' and a 'View template values' button.
  - host\_name:** A text field containing 'TestServer'.
  - address:** A text field containing '192.168.1.58'.
  - hostgroups:** A search bar with 'Generic hosts' and a list of hostgroups including 'Apica WPM Responsetime', 'Cisco Modular Switches', 'Cisco UCS Chassis', 'Cisco switches', 'Citrix NetScalers', 'Clavister firewall', 'DNS servers', 'Dell PowerEdge servers', 'HP ProCurve switches', 'HP ProLiant servers', and 'Linux server monitoring via SNMPv3'.
  - contacts:** A search bar with 'administrator' and a list of contacts including 'EmailToSMS' (highlighted with a red box).
  - stalking\_options:** A section with three checked options: 'Down', 'Unreachable', and 'Up'.
  - file\_id:** A search bar with 'etc/hosts.cfg' and a list of 17 items.
  - Custom variable:** A section with a 'Value:' field and an 'Add custom variable' button.
- Test this check:** A section with a 'Test this check' button and a 'Submit' button (highlighted with a red box).



If your monitored hosts detect problems, It will trigger email to sendQuick.

OP5 monitor Dashboards Monitor Report Manage administrator at op5-system Find...

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List view Notifications Count: 8

Host	Service	Time	Contact	Notification Command	Status Information
TestServer		2018-10-09 15:59:01	EmailToSMS	host-notify	192.168.1.58 is DOWN - Host unreachable @ 192.168.1.82: rta: nan, lost 100%
TestServer		2018-10-09 14:11:39	EmailToSMS	host-notify	OK - 192.168.1.58 responds to ICMP. Packet 1, rtt 0.866ms
TestServer		2018-10-09 14:00:54	EmailToSMS	host-notify	192.168.1.58 is DOWN - Host unreachable @ 192.168.1.82: rta: nan, lost 100%
TestServer		2018-10-09 14:00:54	administrator	host-notify	192.168.1.58 is DOWN - Host unreachable @ 192.168.1.82: rta: nan, lost 100%
TestServer		2018-10-08 17:26:48	EmailToSMS	host-notify	OK - 192.168.1.58 responds to ICMP. Packet 1, rtt 1.202ms
TestServer		2018-10-08 17:26:48	administrator	host-notify	OK - 192.168.1.58 responds to ICMP. Packet 1, rtt 1.202ms
TestServer		2018-10-08 17:17:08	administrator	host-notify	192.168.1.58 is DOWN - Host unreachable @ 192.168.1.82: rta: nan, lost 100%
TestServer		2018-10-08 17:17:08	EmailToSMS	host-notify	192.168.1.58 is DOWN - Host unreachable @ 192.168.1.82: rta: nan, lost 100%

### SMS Sent ( Outbox) Log

192.168.1.94/appliance/usagelog.php 90% Search English Shutdown Restart Logout

Account: admin

Usage Logs > SMS Log

SMS Queue SMS Sent (Outbox) Unsent SMS SMS Inbox SMS Defer Queue

Search From 09/10/2018 To 09/10/2018

Show 100 entries Search:

No	Date & Time	Delivery Date & Time	Turnaround Time	Sender	Mobile Number	Message	IMEI	Priority	
1	09/10/2018 18:00:45		00:32	op5Monitor@op5-system.localdomain (Test)	91072730	); Host actions: Host notes:	359180082889095	5	<input type="checkbox"/>
2	09/10/2018 18:00:39	09/10/2018 18:00:47	00:26	op5Monitor@op5-system.localdomain (Test)	91072730	.82: rta: nan, lost 100% Host: TestServer Address: 192.168.1.58 Alias: TestServer Status: DOWN Comment: Additional links (requires configuration	359180082889095	5	<input type="checkbox"/>
3	09/10/2018 18:00:34	09/10/2018 18:00:40	00:21	op5Monitor@op5-system.localdomain (Test)	91072730	2.168.1.58) is DOWN. https://op5-system/monitor/index.php/status/service/TestServer Additional info: 192.168.1.58 is DOWN - Host unreachable @ 192.168.1	359180082889095	5	<input type="checkbox"/>
4	09/10/2018 18:00:27	09/10/2018 18:00:35	00:15	op5Monitor@op5-system.localdomain (Test)	91072730	op5Monitor@op5-system.localdomain:[op5] PROBLEM: "TestServer" is DOWN: op5 Monitor Host PROBLEM detected 2018-10-09 17:59:01. Host "TestServer" (19	359180082889095	5	<input type="checkbox"/>

Save CSV Save Excel Save PDF Refresh Empty Outbox Delete

Showing 1 to 4 of total 4 records Previous 1 Next