# Configuring Email Server for NMIS Notifications including Gmail server

NMIS provides the capability to notify users when various events are detected. The main method of notification is using email, but many others are available.
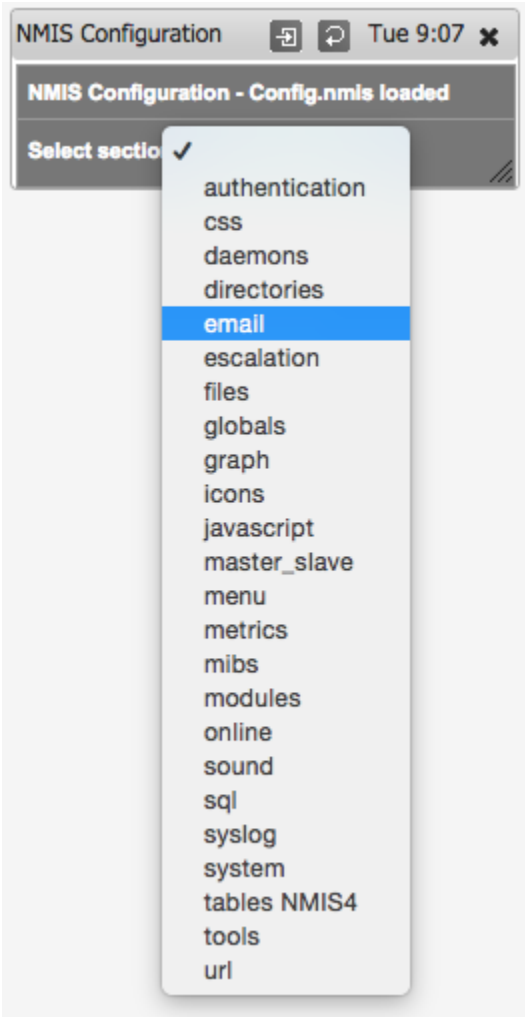
- Configuring Mail Server
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Configuring Mail Server

To access the settings, from the menu access "System -> System Configuration -> NMIS Configuration"
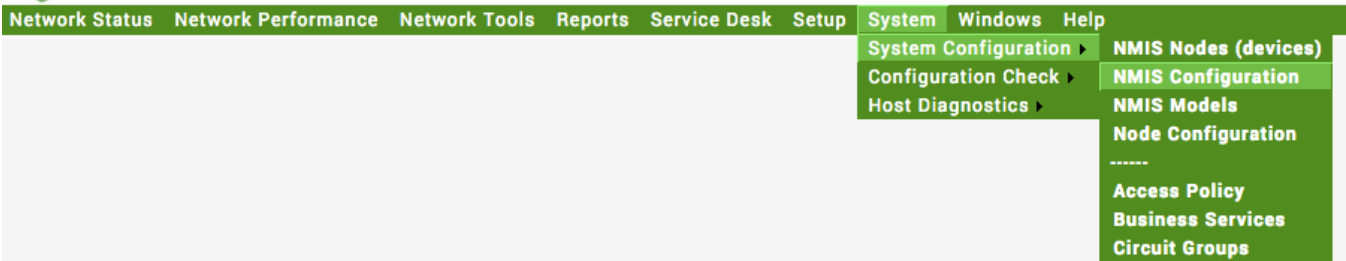
From the configuration widget select "email"

The required configuration needs to be put in here:

Email Server Configuration Table

These are the options we have tested and recommend for various email servers.

Configuration	Description	Regular SMTP Server	GMail SMTP Server	Office 365 SMTP Server
mail_combine	Do you want to combine emails for each email target?	true		
mail_from	Email address you want to use for NMIS notifications	nmis@domain.com		
mail_server	The mail FQDN or IP address	yourmailserver.domain.com	smtp.gmail.com	smtp.office365.com
mail_server_ipproto	Should we use IPv4 or IPv6 to connect (IPv6 will only work if you have end to end IPv6 connectivity)	ipv4	ipv4	ipv4
mail_server_port	The TCP port to use for connection	25	587	587
mail_use_tls	Should the TLS protocol be used	false	true	true
mail_use_sasl	Should the SASL protocol be used	false	false	false
mail_user	The username to login with, blank for nothing		youruser@gmail.com	youruser@office365.com
mail_password	The password to login with, blank for nothing		yourpassword	yourpassword
mail_domain	domain name to use for SMTP	domain.com	gmail.com	office365.com

Testing Email Server Connection

Once you have configured your email server, it is best to test it. To begin, log in to your NMIS server:

NMIS8:

- Navigate to the admin directory – cd /usr/local/nmis8/admin/
  - Run the testemail.pl file – ./testemail.pl
    - this will send an email to the Contact configured as Contact1
    - If there was any error you can debug it with ./testemail.pl debug=true

NMIS9:

- Navigate to the admin directory – cd /usr/local/nmis9/admin
    - Run the tests.pl file – ./tests.pl
        - This will display a list of options to add to the command. Adding act = email will send a test email using the contact table. i.e . /tests.pl act= email
        - If there was any error you can debug it with ./tests.pl debug=5

If you don't have the file present in the directory indicated you can request support to help or grab file from GitHub

Github Instructions:

NMIS8.

- Navigate to the admin directory – cd /usr/local/nmis8/admin
- Issue the following cmd: "wget https://raw.githubusercontent.com/Opmantek/nmis8/nmis8_dev/admin/testemail.pl"
    - This will drop the file testemail.pl to the admin directory
    - You will need to change ownership and make executable with the cmd below
        - chown nmis:nmis testemail.pl
        - chmod 770 testemail.pl

NMIS9

- Navigate to the admin directory – cd /usr/local/nmis9/admin
- Issue the following cmd: "wget https://raw.githubusercontent.com/Opmantek/nmis9/nmis9_dev/admin/testemail.pl"
    - This will drop the file testemail.pl to the admin directory
    - You will need to change ownership and make executable with the cmd below
        - chown nmis:nmis testemail.pl
        - chmod 770 testemail.pl

GMAIL Issues:

If you still are having problems with testing email to your Contact1, please turn on option for Access for less secure apps, in the link https://support.google.com/accounts/answer/6010255

You will be able to see all the missing steps in you google accounts.