

The Industry Standard in IT Infrastructure Monitoring

Purpose

This document describes how to install and take initial setup steps for the Nagios Mobile interface.

Target Audience

This document is intended for use by Nagios Administrators who wish to have access to a mobile Nagios interface for touch-screen or mobile devices.

Prerequisites

- php 5.1 or greater
- Nagios Core already installed
- The install script assumes a source install of Nagios, so if the installation is from a package manager such as yum or apt, you'll need to identify the locations of the following Nagios files:
 - status.dat
 - objects.cache
 - cgi.cfg
 - nagios.cmd
 - htpasswd.users #default authentication file for Nagios Core.
- For larger installations, you can install the package **php-apc** or **php-pear-apc** to cache your status data for faster page load times.
- If using apc, be sure to add `apc.enabled=1` to your **php.ini** file, then restart apache to enable it.

Downloading and Unpacking

Download the Nagios Mobile tarball:

```
cd /tmp
wget http://assets.nagios.com/downloads/exchange/nagiosmobile/nagiosmobile.tar.gz
tar xzf nagiosmobile.tar.gz
cd nagiosmobile
```

The Nagios Mobile installer script is written to work with a “vanilla” source install of Nagios Core on a RHEL/CentOS system. If your system meets these specifications you can simply run the **INSTALL.php** file, and the installer will indicate if anything is missing. Otherwise, see the sections below to verify that your file locations are correct.

Verifying the Apache Authentication File

Open the **nagiosmobile_apache.conf** file with a text editor and verify that the directory location of your **htpasswd.users** file matches your installation. For source installs of Nagios Core, the default file is:

```
AuthUserFile /usr/local/nagios/etc/htpasswd.users
```

For **Nagios XI** installs, use the following directory location:

```
AuthUserFile /usr/local/nagiosxi/etc/htpasswd.users
```

Verify Nagios File Locations

If your Nagios installation is installed from a package manager such as yum or apt, or you've moved files such as status.dat or objects.cache to a different file location, you'll need to update the include.inc.php file to match the correct file locations.

```
////////////////////FILE LOCATIONS:  EDIT THESE TO MATCH YOUR NAGIOS INSTALLATION////////////////
////////////////////
$STATUS_FILE = "/usr/local/nagios/var/status.dat";
$COMMAND_FILE = "/usr/local/nagios/var/rw/nagios.cmd";
$CGI_FILE = "/usr/local/nagios/etc/cgi.cfg";
$OBJECTS_FILE = "/usr/local/nagios/var/objects.cache";
$BASE_URL = '/nagiosmobile';
$TTL = 30; //Time to live for cached data parsed from status and objects file
$USER = ''; //you can hard-code the 'nagiosadmin' user if you don't want any authentication: NOT RECOMMENDED!!
```

Verify Target Directory and Apache Configuration Directory

By default Nagios Mobile will be installed to /usr/local/nagiosmobile. If you want a different target directory for the installer, update the **INSTALL.php** file:

```
//target directory where nagiosmobile's web files will be stored
define('TARGETDIR', "/usr/local/nagiosmobile");
```

If your installation is **not** on a CentOS / RHEL distribution, then you'll also need to update the file location for your apache configurations directory.

```
//target directory where your current apache configuration directory is located
define('APACHECONF', "/etc/httpd/conf.d");
//default for ubuntu/debian installs
//define('APACHECONF', "/etc/apache2/conf.d");
```

Run The Installer

```
./INSTALL.php
```

If all goes well, the installation script should output the following:

```
[root@DEV59 nagiosmobile]$ ./INSTALL.php
Copying apache configuration file...
Creating web directory...
Copying files...
Cleaning up...
Restarting apache...
Stopping httpd:                [ OK ]
Starting httpd:                 [ OK ]
Checking for file locations...
Script Complete!
```

If any of the required files were not found, a NOTICE message will be displayed as to what files are still missing.

Accessing Nagios Mobile

Once the install script is complete, you can access the Nagios Mobile interface by the following address in a browser:

<http://<ADDRESS>/nagiosmobile>