GroundWork Network Management Suite (NMS) 2.1.2 Readme

The purpose of this document is to outline the Known Issues and Bug Fixes in Network Management Suite (NMS) 2.1.2. Product support is available through a GroundWork Subscription Agreement accessible online by logging into GroundWork Connect at http://www.groundworkconnect.com/.

Contents

SECTION 1 - KNOWN ISSUES

This section includes a description of the known issues in this release of NMS.

1. GroundWork Monitor Enterprise 6.1 or later must be installed when deploying NMS 2.1.2
2. For Customers upgrading from GroundWork Monitor Enterprise 6.1 with NMS 2.1.2 please be aware that you must manually restore the NMS nagios user crontab entries. The files are backed in the file system. Execute the following steps:

   cd /usr/local/groundwork/backup-**$date**/

   vi crontab-nagios-**$date**

   cut and paste these lines in to the GroundWork 6.1.1 crontab file for user nagios:

   0 ,4, 8,12,16,20 * * * (/usr/local/groundwork/nms/tools/perl/bin/perl /usr/local/groundwork/nms/applications/nedi/nedi.pl -clo ; /usr/local/groundwork/nms/tools/automation/scripts/extract_nedi.pl)> /dev/null 2>&1

   0 0 * * * /usr/local/groundwork/nms/tools/perl/bin/perl /usr/local/groundwork/nms/applications/nedi/nedi.pl -clob > /dev/null 2>&1

   */5 * * * * /usr/local/groundwork/common/bin/cacti_cron.sh > /dev/null 2>&1

   10 * * * * /usr/local/groundwork/foundation/feeder/find_cacti_graphs < /dev/null >> /usr/local/groundwork/foundation/container/logs/find_cacti_graphs.log 2>&1

   Edit the crontab for user nagios; execute the following: crontab –u nagios -e

   For customers upgrading from either 5.3 or 6.0, the find_cacti_graphs entry was not included, so this entry will not be backed up.
3. Customers upgrading from GroundWork Professional/Enterprise 5.x to Groundwork Enterprise 6.1.1, the check_cacti.pl and check_cacti_msg.pl files are backed up during the upgrade process in the /usr/local/groundwork/backup-**$date/**nagios/libexec directory. This file must be copied back to the /usr/local/groundwork/nagios/libexec directory after an upgrade to GroundWork Enterprise 6.1.1
4. Customers upgrading from GroundWork Professional or Enterprise 5.3 to Groundwork Enterprise 6.1.1, the /usr/local/groundwork/common/bin/cacti_cron.sh file is removed during the upgrade process. **This file must be backed up before upgrading to GroundWork Enterprise 6.1.1.**
5. For customers installing NMS 2.1.2 as a clean installation on top of the GroundWork Enterprise 6.1.1 release, be advised that you must edit the /usr/local/groundwork/common/bin/cacti_cron.sh file and add the following entry:

   /usr/local/groundwork/nagios/libexec/check_cacti.pl to the end of this file.
6. In some instances after installing NMS 2.1.2, customers must add the nagios directory in order to get the NMS crontab entries for the nagios user to operate properly:

   mkdir /usr/local/groundwork/users/nagios

chown nagios.nagios /usr/local/groundwork/users/nagios

chmod 755 /usr/local/groundwork/users/nagios

7. In some instances after installing NMS 2.1.2, the nms-httpd processes are not started. If you experience this situation, please login in to the GW server using a secure shell as user root. From the command prompt, type in the following

   /etc/init.d/nms-httpd start

   The process will be started and the NMS applications can be accessed using the GroundWork Interface.

8. For clean installations and upgrades to NMS 2.1.2, please make the necessary path changes to the check_cacti.pl script:

   Legacy pathnames:

   my $config_file = "/usr/local/groundwork/etc/check_cacti.conf";

   my $send_nsca_command = "/usr/local/groundwork/bin/send_nsca -H $nsca_host -p $nsca_port -to $nsca_timeout -c /usr/local/groundwork/etc/send_nsca.cfg";

   my $secondary_send_nsca_command = "/usr/local/groundwork/bin/send_nsca -H $secondary_nsca_host -p $secondary_nsca_port -to $secondary_nsca_timeout -c /usr/local/groundwork/etc/send_nsca.cfg";

   to the new pathnames for the 6.1.1 release:

   my $config_file = "/usr/local/groundwork/common/etc/check_cacti.conf";

   my $send_nsca_command = "/usr/local/groundwork/common/bin/send_nsca -H $nsca_host -p $nsca_port -to $nsca_timeout -c /usr/local/groundwork/common/etc/send_nsca.cfg";

   my $secondary_send_nsca_command = "/usr/local/groundwork/common/bin/send_nsca -H $secondary_nsca_host -p $secondary_nsca_port -to $secondary_nsca_timeout -c /usr/local/groundwork/common/etc/send_nsca.cfg";

9. In order to execute the Cacti Host Profile Sync automation schema, the following changes must be made: the data source path name must be changed to /usr/local/groundwork/core/monarch/automation/data/cacti_data.txt and change the Default Host Profile to cacti-host. In the Monarch, you must import the host-profile-cacti-host.xml and assign it a hostgroup.

10. The same issue exists for NeDi automation schemas. The data source path must be changed to /usr/local/groundwork/core/monarch/automation/data/nedi_data.txt.

11. For customers upgrading from Groundwork 5.2.1 with NMS 2.1, please be advised that after upgrading to GroundWork Enterprise 6.1.1, you must also download a file called cacti_cron.sh from groundwork connect https://support.groundworkopensource.com. This file must be placed in /usr/local/groundwork/common/bin directory. Please pay close attention to the file and ownership permissions. The file must be permissions set to 755 and owned by user nagios.

12. For customers upgrading from Groundwork 5.2.1 with NMS 2.1, please be advised that after upgrading to GroundWork Enterprise 6.1.1, you must comment out the legacy cacti crontab entry for the user nagios and replace it with this command line:

    */5 * * * * /usr/local/groundwork/common/bin/cacti_cron.sh > /dev/null 2>&1

13. The Weathermap, Thold and Discovery Cacti plugins available at release time did not support the new features of the Cacti PIA (Plug-In Architecture) such as dynamic registration/installation/removal. As a result, even though the plug-ins are present and work correctly, the entries in the Plugin Management screen do not show any entries (unless you have installed new plugins that support the updated PIA).

14. When NMS 2.1.2 is first installed, Weathermap is not viewable until Weathermap is added in Cacti under the Utilities-> User management section and users are allowed to view it. The permissions Plugin -> Weathermap: Configure/Manage and Plugin -> Weathermap: View must be checked to enable Weathermap as well.

15. When NMS 2.1.2 is first installed for the admin Cacti users, they should manually check these items in the Realm Permissions box for the admin user located in User Management section. The boxes that need to be checked are: Configure Thresholds, View Thresholds and View Host Auto-Discovery

16. Administrators should be advised that the MySQL databases for Cacti and NeDi are not removed when the software is uninstalled, and some application files are not removed from the /usr/local/groundwork/nms directory tree.

17. Cacti - The version of Cacti in NMS 2.0/2.1.x does not work with Firefox 3. For more details: http://forums.cacti.net/viewtopic.php?t=28095

18. NeDi - The Ping Range functionality button does not work in Nodes->toolbox.
19. NeDi – When executing Nedi.pl scan, a user must enable the “user pass” entries in the nedi.conf file to avoid spurious telnet and ssh protocol errors.
20. Ntop - a User Interface error is generated when the software fails to launch after selecting the throughput link.
21. Ntop - Select Plugins>Netflow>Statistics may result in a generated error message; for more details: https://svn.ntop.org/trac/ticket/55.
22. Ntop – Accessing the PDA plugin screen can generate a user interface error when user selects an out of date host.
23. Weathermap - Pop up window gets displayed when clicked on Editor setting menu tab
24. Cacti - Console -> Devices used to allow you to set (thold) thresholds for a device. This doesn't appear to be possible any more – For more details, http://forums.cacti.net/about25606.html&highlight=device_action
25. Ntop – Under Admin>configure>start up options, the user should see a password request screen. The default admin username and password are: login: admin password: admin
26. On a default NMS installation using the FQDN option, the Cancel button does return the proper screen. The user must enter the domain name to move to the next screen.
27. When manually removing the NMS rpms with "rpm -e" option, there are reminants of each NMS module left in the GroundWork framework. The user must remove all NMS entries listed in the /usr/local/groundwork/guava/packages directory.
28. There is an intermittent issue with the tabbing function with the NMS Installer. Please pay close attention to the bottom of the Installer screens to help navigate through the Installer screens.

SECTION 2 - BUG FIXES

This section includes a description of the externally reported bugs fixed in this release of Network Management Suite. If available, the SalesForce Case number (SFC) is listed along with a brief description.

1. Installer does not remove the nagios user after uninstalling the NMS rpms