

The Industry Standard in IT Infrastructure Monitoring

Purpose

This document describes how to import Nagios Core configuration files into Nagios XI. Importing configuration files is only required in instances where administrators wish to import configurations from existing Nagios Core installations.

Target Audience

This document is intended for use by Nagios Administrators who need to import configuration files from an existing Nagios Core installation.

Preparing To Import

Before importing existing Nagios Core configuration files into Nagios XI, it is recommended that you use the XI config import prep tool. Information on using this tool can be found in the separate document *Using the XI Config Import Prep Tool* for instructions on completing this step.

Accessing the Core Config Manager

To begin importing Nagios Core configuration files into Nagios XI, you must use the Nagios Core Config Manager. You can access the Core Config Manager under the *Admin* menu:

Admin → Core Config Manager



To get started, login to the Nagios Core Config Manager.

If you forget your login credentials, you can reset them using under the *Admin* menu: **Admin → Reset Security Credentials**.



Importing Configuration Files

Access the import interface by selecting the **Import Config Files** menu option in the Nagios Core Configuration Manager.



The import interface will allow you to import one or more configuration files.

Files that are available for import are shown in the interface.

Note: Only import configuration files that have been created in a specially subdirectory specifically for that purpose. In this example, config files to be imported have been placed in a `/usr/local/nagios/etc/cfgprep` directory after being processed by the XI config prep import tool.

Nagios Core Config Manager

Configuration User: nagiosadmin [Logout](#)

Nagios Core Configuration Import

To prevent errors or misconfigurations, you should import your configurations in a useful order. We recommend to do it like this:

commands -> timeperiods -> contacttemplates -> contacts -> contactgroups -> hosttemplates -> hosts -> hostgroups -> servicetemplates -> services -> servicegroups

Check your configuration after import!
In cause of an error or an uncomplete configuration, re-importing the wrong configuration can solve the problem.

* required

Select the file or files you wish to import and click the **Import** button.

Nagios Core Configuration Import

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* required

The config import tool will process the configuration files you selected and return you to the main import screen.

Check the bottom of the screen for any messages that are displayed, as these will indicate if any errors occurred during the import.

Nagios Core Configuration Import

Filter:

Import file*

- /usr/local/nagios/etc/cfgprep/_empty_host.cfg
- /usr/local/nagios/etc/cfgprep/_multiple_hosts.cfg
- /usr/local/nagios/etc/cfgprep/commands.cfg
- /usr/local/nagios/etc/cfgprep/contacts.cfg
- /usr/local/nagios/etc/cfgprep/dependencies.cfg
- /usr/local/nagios/etc/cfgprep/dev1.cfg
- /usr/local/nagios/etc/cfgprep/egalstad.cfg
- /usr/local/nagios/etc/cfgprep/em01b.cfg
- /usr/local/nagios/etc/cfgprep/filer.cfg
- /usr/local/nagios/etc/cfgprep/hostgroups.cfg

Hold down CTRL to select more than one

Overwrite database*

To prevent errors or misconfigurations, you should import your configurations in an useful order. We recommend to do it like this:
commands -> timeperiods -> contacttemplates -> contacts -> contactgroups -> hosttemplates -> hosts -> hostgroups -> servicetemplates -> services -> servicegroups

Check your configuration after import!
In cause of an error or an uncomplete configuration, re-importing the wrong configuration can solve the problem.

* required

Entry config_name::em01b inside tbl_service successfully inserted

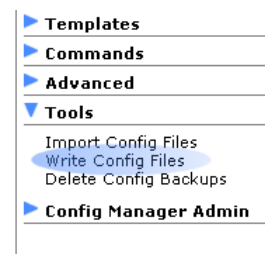
Post-Import Actions

Once you've imported all the necessary Nagios Core configuration files, you need to perform some additional steps. These include:

- Exporting the configuration
- Verifying the new configuration
- Applying the configuration

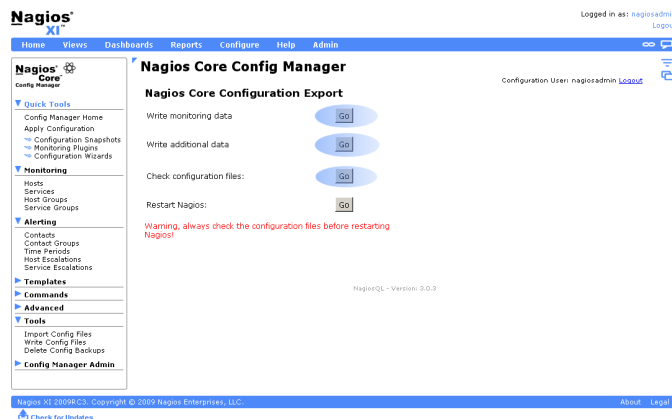
Exporting the Configuration

Select the **Write Config Files** menu option in the Nagios Core Configuration Manager.

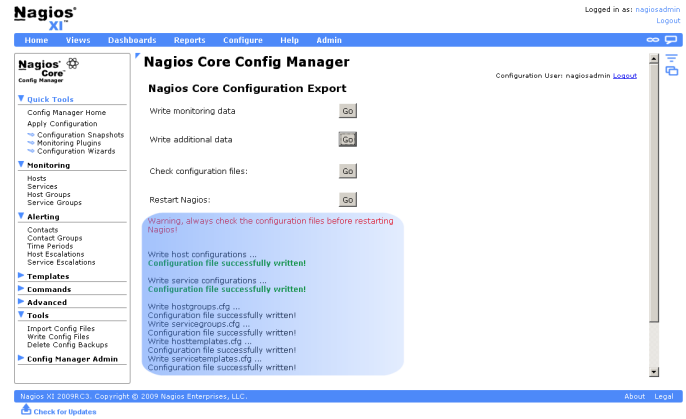


Click the **Write monitoring data** option to export:

- Hosts
- Services
- Hostgroups
- Servicegroups
- Host and service templates



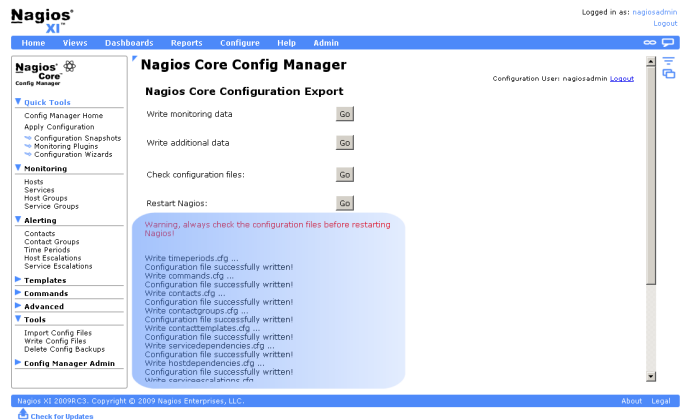
Check the output for an error messages. Error messages will indicate if there are permissions problems that are encountered when exporting the configuration database entries to disk. Resolve any permissions errors and retry the operation until the export is successful.



Click the **Write additional data** option to export:

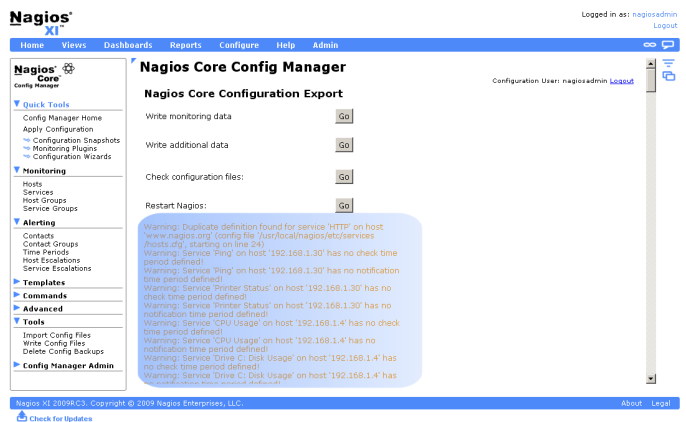
- Timeperiods
- Contacts
- Contactgroups
- Escalations
- Dependencies

Review the output for any error messages. Resolve any permissions errors and retry the operating until the export is successful.



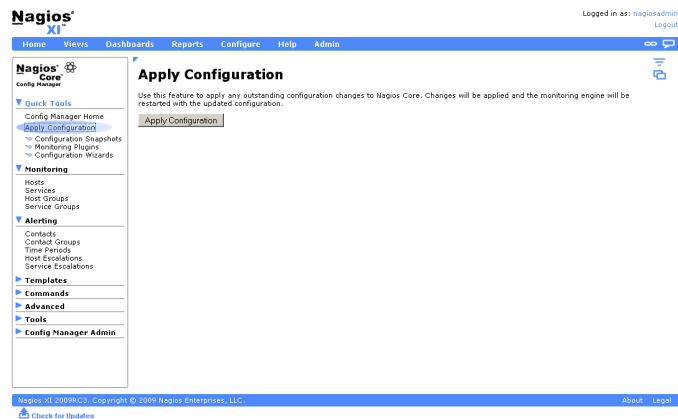
Verifying the Configuration

Click the **Check configuration files** option to verify the exported configuration files with Nagios Core. Review the output for any error messages that need to be resolved. Warning messages can often be safely ignored.



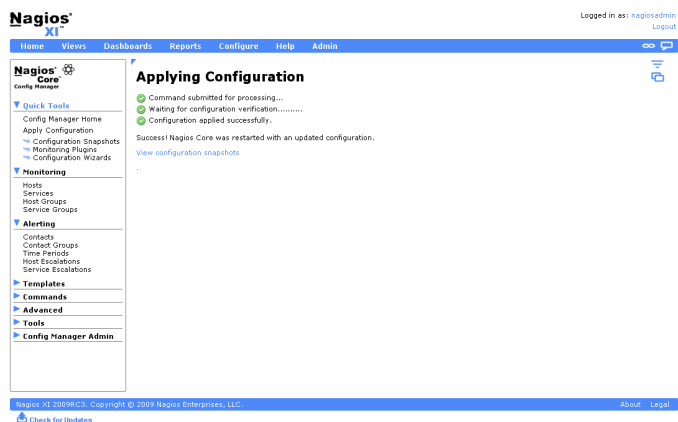
Applying the Configuration

Once you have successfully exported and verified the configuration, it is recommended that you use the Apply Configuration function to restart Nagios core with the new configuration. You can access this option by selecting the **Apply Configuration** menu item.



The apply configuration features will perform the following steps:

- Export the database configuration to disk
- Verify the configuration files
- Restart Nagios Core
- Create a new configuration snapshot



Other Steps

Additional steps may be required once you finish importing Nagios Core configuration files into Nagios XI. These steps may include:

- Uploading missing plugins or event handlers to Nagios XI
- Creating user accounts in Nagios XI

For more information on these topics, refer to the separate ***Migrating from Nagios Core to Nagios XI*** document.