

NiCE Log File MP for System Center Operations Manager

Version 1.33
April 2016

Release Notes



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New with this Release

NiCE is pleased to announce the availability of a new version of the NiCE Log File Management Pack (MP). What is new with this release?

ID 5634 - Enhancement: Remove "Basic" monitor and rule wizards

ID 5514 – Enhancement: Detect Maintenance Mode on Windows

ID 5424 – “Read from end” is not picked up correctly working

ID 5485 - PositionableStreamReader does not reliably read later added lines

ID 5408 – I18N: Encoding in log files is not detected correct in some cases

ID 4982 – Enhancement: Performance Enhancement

For information, please see Details about the Changes

Limitations

For information about the known limitations of the NiCE Log File Management Pack, see the *Quick Start Guide* for the NiCE Log File Management Pack.

Note that with this version of the Log File MP, only .NET 2.0 SP1 is required.



Installing and Upgrading the NiCE Log File MP

This section provides an overview of the steps required to install or upgrade the NiCE Log File MP. The information provided covers the following areas:

- New Installation for Log File MP 1.33
- Upgrading from NiCE Log File MP 1.30

For more detailed instructions about the installation steps, see the *Installation* section in the *NiCE Log File MP Quick Start Guide 1.27*.

New Installation for Log File MP 1.33

See the *NiCE Log File MP Quick Start Guide 1.33* for detailed installation instructions.

Upgrading from NiCE Log File MP 1.30

Update the Installer

1. Log on to each System Center Operation Management Server where the Log File MP 1.30 Microsoft Installer (MSI) has been run.
2. Run the Microsoft installation package `NiCE_LogFileMP_0133.msi` and follow the instructions displayed in the installation screens and dialogs. The existing installation will be upgraded

Import of the Log File MP

The NiCE Log File MP supports an in-place upgrade from version 1.30 to 1.33.

You perform this operation in the OpsMgr Administration Console.

1. Log on to the OpsMgr Administration Console.
2. Import the following management-pack file:
 - `NiCE.LogFile.Library.mpb`

By default, the management-pack files are located in the directory `%ProgramFiles(x86)%\NiCE\LogFileMP\MPs` on the SCOM system where the setup package has been installed.

Optional: Restart of Microsoft Monitoring Agent on Monitored systems

During the upgrade from an earlier version of the Log File MP the old assembly on the agent managed windows server is replaced.

In most cases the old assembly is unloaded from memory before new one is loaded. In some cases this fails (unknown reasons) and errors are visible in the Operations Manager Event Log on the Agent managed server.



Hence it is recommended to restart the "Microsoft Management Agent" (MMA) on the managed servers.

Note: No restart of the MMA is required on the OpsMgr servers!

Enable Self-Monitoring Rules

Per default all Self-Monitoring rules are disabled out of the box. Please create overrides for system or groups to enable them. The NiCE Log File MP includes the following self-monitoring rules:

Name: Self Monitoring: NiCE Log File Provider - Errors

Description: Monitors the Operations Manager Event Log for errors of the Log File MP

Name: Self Monitoring: NiCE Log File Provider - Warnings

Description: Monitors the Operations Manager Event Log for warnings of the Log File MP

Name: Self Monitoring: NiCE Log File Provider - Invalid Path

Description: Monitors the Event log for Invalid path events from log file provider

All rules target the "Windows Computer" class.



Details about the Changes

Resolved Management Pack Change Requests

ID 5634 - Enhancement: Remove "Basic" monitor and rule wizards

Requirement

Redesign the Log File MP Wizard organization in the Authoring Console. Purpose is a clearer structure which eliminates some of the "Basic" Wizards which were of no or little use. With the better structure the usability is improved.

ID 5514 – Enhancement: Detect Maintenance Mode on Windows

Symptom

During maintenance mode, no states are passed to the Providers.

Once the maintenance mode is terminated, the current state is passed to the providers. As no information of the maintenance mode is provided, the providers will possibly detect a lot of state changes (e.g. changes to files) which will create a huge amount of alerts. Expectation

Resolution

To achieve this behavior, a time-stamp to the state is added.

If the time-span between two states is larger than the "typical interval of rule execution", alerts generated by changes between these two states will be ignored.

ID 5424 – “Read from end” is not picked up correctly working

Symptom

The read mode of "Read log file from end" in a monitor is not correctly working.

Resolution

Code problem resolved.

ID 5485 - PositionableStreamReader does not reliably read later added lines

Symptom

In rare cases some lines might be skipped if the Log File Provider reads a file while another program is writing to it

Resolution

Code issue. Resolved.



ID 5408 – I18N: Encoding in log files is not detected correct in some cases

Symptom

Encoding in log files is not detected correctly in some cases.

Resolution

Codepage is set to OS ANSI by default and all other formats are auto-detected.

ID 4982 – Enhancement: Performance Enhancement

Requirement

The Log File MP should be as performant as possible.

Changes

- Unnecessary stored data removed (=lesser memory usage)
- Changing "public" to "internal" and seal the classes to give the compiler better chance to optimize code.
- Replace some performance intense C# functions.



Known Problems and Issues

The following section describes the known problems of the product in this release. The listed problems will be addressed with a subsequent patch or release.

Currently no known problems or issues