

Diagnostic Manager Change Log

Updated: March 14, 2017

4.8.33868.0 Features and Fixed Issues

Improved UI Performance

Enhancements to the user interface/experience provide you with:

- faster load times when the Management Console is launched, (especially in environments that contain a large number of alerts), and
- faster processing time when a new farm is added.

Office 365 Tenant Authentication

Diagnostic Manager now uses the Office 365 Management API to fetch services, features and their statuses.

Application Pool Monitoring and Reporting

You can now monitor and report on the configuration and status of application pools on monitored servers.

Data Collection Error Reporting

The Content Summary Errors report provides a summary of errors that may have occurred during data collection.

Maximum Alerts per Page

For improved performance when loading alerts in the Management Console, the Management Console Preferences > Alert Views value now represents the number of matching alerts to display in the Management Console *per page* rather than in total.

4.7.23860.0 Features and Fixed Issues

Configurable Content Summary Console Tree Display

To improve the responsiveness of the Management Console, you can now specify a maximum number of site collections that can display under a Web application in the Content Summary section of the left navigation tree.

Content Summary View Pagination

At the Content Summary Web Application level, you can now select the number of site collections that you want to view in a single page. This view allows you to see all site collections being monitored, regardless of the number that displays in the left navigation tree.

Separate Data Collection Option for SQL Server

Because the collection of SQL server performance metrics may be a time-consuming task for the Collection Service, it is now a separately-scheduled option which, by default, runs *less* frequently than the collection of other server metrics.

Improved SQL Alias Handling

SQL Alias handling has been improved to avoid duplicate SQL servers and to properly discover SQL instances and their databases.

Fixes

- The issue "Reports by Metrics - Content Summary reports not working properly for multiple selection in Web Application" has been resolved. (TFS# 240416)
- Issues related to ULS not syncing have been resolved. (TFS# 245816, TFS# 249091)
- The issue "License activation fails for some trial and term/expired licenses" has been resolved. (TFS# 252892)
- The issue "Server metrics inconsistent for clustered Always On servers" has been resolved. (TFS# 237214)
- The issue "Metrics not showing for all SQL Servers" has been resolved. (TFS# 237214, TFS# 240718)

4.7.16643.0 Features and Fixed Issues

Enhanced Monitored Page Dashboard

Diagnostic Manager now provides an enhanced overview of Monitored Page status. The enhanced dashboard now shows the pages and its servers and urls; displaying the status and time last collected for Page Load Time and Component Analysis

Configuration Improvements for Monitored Pages

Diagnostic Manager no longer requires the creation custom bindings or alternate access mappings for monitored pages configured on:

- Network Load Balancer.
- Web Application host header.
- Host Named Site Collection.

With this improvement, now you can monitor pages from different Web applications that use the same port but different host headers.

Support for Content.ly Monitor

Diagnostic Manager Version 4.7 includes support for the Metalogix Content.ly Cloud app Beta.

More Detailed Alert Emails

Alert emails include more detail (such as farm name, server name, page name, and alert detail) in both the subject line and message body.

New Reports

Diagnostic Manager has added two report options:

- The **Page Status Report** lets you view status information—including, Load Time, Server Status and Alert Thresholds—for one or more Monitored Pages,

- You can create **Metric Status Reports** to report individual metrics that that Diagnostic Manager collects.

Fixes

- The issue "Diagnostic Manager causing locks in SQL" has been resolved. (TFS# 229982, 234726)
- The issue "Diagnostic Manager no longer retains information about orphaned Metalogix databases" has been resolved. (TFS# 230808)

4.6.6177.34 Features and Fixed Issues

- The issue "Content Summary could not be collected for large environments because there are no free connections available" has been resolved. (TFS# 219927)
- The issue "IIS Statistics not showing in Diagnostic Manager" has been resolved. (TFS# 215863)

4.6.6117.0 Features and Fixed Issues

Support for SharePoint 2016 RTM

Diagnostic Manager version 4.6 includes support for the SharePoint 2016 RTM.

Fixes

When collecting data for a Content Summary, the Collection Service no longer fails when it encounters an external list. Instead, it now skips the list. (TFS# 206387)

4.5.3157.0 Features and Fixed Issues

Support for SharePoint 2016 Release Candidate

Diagnostic Manager version 4.5 includes support for the SharePoint 2016 Release Candidate.

Scheduled Reports

You can now schedule Diagnostic Manager reports to run on a one-time or recurring schedule.

Output Report Results to CSV

In addition to XLS and PDF options, you have the option to output report results to a CSV file.

Page Monitoring for SharePoint Online and Non-SharePoint Web Page

In addition to monitoring SharePoint on premises pages, you can now monitor the availability and load times for individual SharePoint Online pages, public Web pages, and—if you are registered with Metalogix Cloud Services—Metalogix Cloud pages.

Suppress Data Collection During Defined Hours

You can now set regular "Quiet Hours" during which time monitoring, data collection, and alert processing is suspended.

Specify a Zone for Content Summary Data Collection

If your environment uses Alternate Access Mappings, you can now specify the zone whose url you want the Collection Service to use first for Content Summary data collection.

Fixes

- The issue "Unable to add users or groups under Security tab under Collection Service options on Windows 2012 R2" has been fixed. (TFS# 100476)
- The issue "Diagnostic Manager fails to read "DelayMinutes" for Page Metrics" has been fixed. (TFS# 97125)

4.4.4090.13 Fixed Issues

- The issue "Content Summary: Fails when users are deleted from SharePoint with error *User cannot be found*" has been fixed. (TFS LID 48573, 47404, 48571)
- The issue " Web Application does not show up in the Content Summary overview - *No SharePoint databases show for SQL Instance*" has been fixed (TFS LID 25858)
- The issue "Component Analysis: not working with some other load balancers" has been fixed. (TFS LID 47843, 46440)
- The issue "SQL Servers don't render in SQL view and we only see system databases under Servers view, SQL tab" has been fixed. (TFS LID 46441)

4.4.4090.1 Fixed Issue

The issue "The message *ERROR 27504: Sql Requirements are not met. Need at least 8.0.0.194.* generated when attempting to upgrade from DM 4.3 to 4.4" has been fixed. (TFS LID 48259)

4.4.4090 Features and Fixed Issues

Support for Office 365 Tenants You

can now:

- Monitor the status of Office 365 Services (including SharePoint Online, Exchange Online, and Skype for Business) and their features.
- Generate alerts and collect Content Summary data for SharePoint Online site collections.

ULS Log Entry Enhancements

- The performance of queries used to display ULS Log Entries has been improved.

- You now have the option to "reset" ULS log history in Diagnostic Manager by clearing previous entries from the Repository database.

Fixed

- The issue "Content Summary data collection fails for Kerberos using custom accounts" has been fixed. (TFS LID 24531)
- The issue "Collection Service options for Content Summary schedule is not sticking" has been fixed. (TFS LID 25518)
- The issue "ULS grooming should be performed using SharePoint date (log time) instead of sync date" has been fixed. (TFS LID 25637)
- The issue "Unable to sync most recent ULS logs due to RowID/datestamp mismatch" has been fixed. (TFS LID 24800)

4.3. 3608.0 Features and Fixed Issues

Performance Improvements

- When a node in the Management Console tree is selected, background tasks and operations view loading are completed more quickly, which allows for faster and more efficient navigation.
- The performance of Content Summary data collection across multiple site collections has been improved.

User Interface Improvements

- The “Add Farm” action now employs a more user-friendly wizard-like interface.
- To facilitate navigation, previously separate ribbons for applications and features have been merged.

SQL Server Monitoring Enhancements

- In addition to SharePoint databases, you can now monitor the status and performance of SQL System databases (master, tempdb, model, and msdb) and the Diagnostic Manager Repository Database. You can now monitor SQL instances on manually added servers, regardless of whether they are associated with a SharePoint farm. (If you have upgraded from a previous version of Diagnostic Manager, these SQL instances will be added to the Management Console tree once the Farm Topology has been refreshed then Performance data has been collected.)
- Diagnostic Manager now supports the monitoring of SQL Server AlwaysOn (although some performance data will be collected for *active* nodes only).

Fixed

- The issue “Content Summary grid – The Managed Path Counter is not updated when managed paths on Web Applications are added or deleted” has been fixed. (TFS LID 2433)
- The issue “Console fails to open after web dashboard is deployed” has been fixed. (TFS LID 19889)
- The issue “Diagnostic Manager is counting the number of *sites* when raising an alert for Content Summary - Content Database *Site Collections* Count” has been fixed. (TFS LID 19835)
- The issue “Log Files size (KB) alert limited to 10000000KB” has been fixed. (TFS LID 22345)
- The issue “Diagnostic Manager Content Summary does not retrieve sizes for nondocument libraries” has been fixed. (TFS LID 15586)
- The issue “Page Load Time graphs randomly populate at different scales” has been fixed. (TFS LID 22323)
- The issue “Search option is not working for Diagnostic Manager help” has been fixed. (TFS LID 20354)
- The issue “Collection Service and Management Console experience startup delay when an internet connection is not available” has been fixed. (TFS LID 14305)

4.2.2861.0 Features

SQL Server 2014 Support

- Diagnostic Manager now supports Microsoft SQL Server 2014, both for hosting the Repository database and for monitoring in the Management Console.

Kerberos Support

- Diagnostic Manager supports Kerberos authentication for the Component Analysis feature.

Data Collection Improvements

- You can specify the number of threads the Collection Service should use when performing a Content Summary data collection, to allow processes to run in parallel for performance improvement.
- You can now collect:
 - Content Summary for an individual Web application or site collection.
 - Component Analysis data for a single monitored page.
- You can disable Content Summary data collection for individual Web applications.
- You have the option of including or excluding hidden lists and/or document versions when Content Summary data collection is performed.

Last Collected Date and Time

- The Content Summary Overview pane and the Monitored Pages Summary tab now display a Last Collected date and time for each object listed.

Metalogix Database Monitoring You can

now monitor:

- the Diagnostic Manager Repository database (if it is on the same server as SharePoint databases being monitored)
- databases used by the Metalogix Replicator product.

4.1.2477.5 Fixed Issues

Fixed

The issue "A new license is being consumed when a monitored page is added (a) with a url that uses Alternate Access Mappings or (b) for a server that is not being monitored" has been fixed. (TFS LID 18818)

4.1.2477.0 Fixed Issues

Fixed

- The issue "Virtual server shows as physical server within Diagnostic Manager console" has been fixed. (TFS LID 15599).
- The issue "Component Analysis does not work when the Amrein Media Player Sharepoint Web Part is on the page" has been fixed. (TFS LID 17662)
- The issue "Component Analysis returns incorrect values for non-English language packs" has been fixed. (TFS LID 18149)
- The issue "Servers previously validated as being licensed incorrectly revert to

'unlicensed' status" has been fixed. (TFS LID 17559)

- The issue "Web Dashboard fails to authenticate to Collection Service when using account from separate domain" has been fixed. (TFS LID 17143)
- The issue "Cannot complete Content Summary for host-named site collections" has been fixed. (TFS LID 18875)

4.1 Features and Fixed Issues

ULS Log Entries Feature

Metalogix Diagnostic Manager captures ULS log entries from all of your monitored SharePoint farms and allows you to sort, filter, and group by a variety of criteria to enable you to further monitor the health of your SharePoint environment and diagnose potential issues.

Enhanced User Interface

The Management Console interface has been revamped to enhance the user experience.

More detailed Last Content Summary run times

The Management Console now displays the last time the Content Summary was run against Web Application, Site Collection, and top sites.

Fixed

- The issue "Manually (Offline) activated licenses revert to unlicensed status upon restart of Collection Service" has been fixed. (TFS #14007)
- The issue "SQL Server "counted" twice in license count when shared between multiple farms" has been fixed. (TFS #14536)
- The issue "Content Summary uses https even though web app does not" has been fixed. (TFS # 13895, 2201)
- The issue "The Content Summary collection fails when a library has items with special characters" has been fixed. (TFS #13965, 14467, 14921,)
- The issue "Unable to see any SQL Servers in SQL Server section of console since upgrade" has been fixed. (TFS #13576)
- The issue "Error: Failed to add requested farm. The INSERT statement conflicted with the FOREIGN KEY constraint FK_SQLInstance_Server_Servers" has been fixed. (TFS #14336)
- The issue "Component Analysis error: Could not load type 'HtmlNodeEnumerator' from assembly 'HtmlAgilityPack'" has been fixed. (TFS #14943)
- The issue "Web Dashboard fails to authenticate to Collection Service" has been fixed. (TFS #15609)

4.0 Features and Fixed Issues

Metalogix Diagnostic Manager 4.0 supports SharePoint 2013

Metalogix Diagnostic Manager 4.0 supports SharePoint 2013 including the Dashboard and component analysis features. While Metalogix Diagnostic Manager 3.0 and previous versions do not officially support SharePoint 2013, you are free to continue using those versions to monitor SharePoint 2013 farms knowing that some features do not fully work.

Improved licensing functionality

Metalogix Diagnostic Manager 4.0 offers simplified license key management with a single license key for all farms and servers.

Fixed

- An issue preventing some users from opening the Metalogix Diagnostic Manager Management Console, and resulting in no related entries in the logs, no longer occurs.
- Users who have "phantom" SharePoint databases that remain in a SQL Server database list after removal but do not exist in their environment no longer experience this issue.
- Metalogix Diagnostic Manager is now able to monitor sites configured with Claims authentication. Diagnostic Manager is still using Active Directory Authentication to monitor these sites, so the web applications configured with Claims authentication must also have Active Directory Authentication enabled and an account with Active Directory Authentication should be used to monitor these sites.
- The Collection Service is now configured to start after rebooting a server and automatically restart after the Collection Service crashes or fails.
- The Content Summary Collection request was improved and now it is taking less time significantly reducing the chances of timing out.
- When "Refresh topology" or "Data collection" options are executed Metalogix Diagnostic Manager is skipping the SQL instances that are unavailable and SQL instances available are displayed correctly on the Tree view and data for them is collected. Similar logic was applied to "Add Farm" feature, SQL instances that are unavailable will not be monitored by Diagnostic Manager.

3.0 Features and fixed issues

- The new Dashboard provides a quick glance at the performance data collected by Metalogix Diagnostic Manager to help you monitor your SharePoint farms and pages. For more information about the Dashboard, see [Using the Diagnostic Manager Dashboard](#).
- A new SQL Servers node in the Metalogix Diagnostic Manager tree provides all of the information you need concerning your SQL Server configuration, active alerts, and performance issues. This feature provides views across all SQL Servers in your farm and also drills into the individual SQL Servers. For more information about the SQL Servers view, see [Viewing the status of all SQL Servers in a farm](#).

- Metalogix Diagnostic Manager now monitors SharePoint Health Analyzer issues. As of SharePoint 2010, SharePoint can raise issues surrounding the health of your farm. Metalogix Diagnostic Manager now monitors these issues so that you can get alerted when new issues are raised or whether any issues currently exist on your farms.
- New SQL Server metrics allow you to monitor and alert on more configuration and performance values:
 - Page life expectancy
 - SQL server instance hosted on a virtual center
 - Data and Log Files on Same Drive
 - Data File Auto growth
 - Data File Auto growth is by Percentage
 - Data Files Full
 - Data Files Near Maximum Size
 - Instance Hosted on Virtual Server
 - Log File Auto growth
 - Log File Auto growth is by Percentage
 - Log Files Full
 - Log Files Near Maximum Size
- Metalogix Diagnostic Manager has new features for monitoring servers hosted in a virtual environment such as VMware and Hyper-V. These include showing whether a server is virtual or physical in the server views and reports a new alert when a SQL Server instance is hosted on a virtual server.
- Metalogix Diagnostic Manager now allows you to exclude multiple disks and databases from certain alerts. The Alert Thresholds dialog box includes a field in the disk and SQL Server database alerts where you can include the disk or database name for exclusion. For more information about excluding certain instances from alerting, see Setting default alert thresholds.
- The Metalogix Diagnostic Manager Web part and the Web Part Installer have been correctly repackaged as SharePoint solutions. All references in the product have been appropriately renamed.
- The Collection Service includes new options for immediate grooming and statistics updates. These options allow you to:
 - Set the frequency when the Collection Service gathers configuration and SharePoint Health Analyzer reports.
 - Immediately run a grooming job (**Groom Repository Now**) or update statistics (**Update Statistics Now**).
- Metalogix Diagnostic Manager 3.0 fixes an issue in the component analysis logic that caused extremely high component load times. Often the times displayed were over 20 seconds even on pages that would load reasonably quickly.
- Users who run some reports on non-English operating systems no longer received the error message, "The definition of the report "Main Report," and are able to view the report.

- Metalogix Diagnostic Manager detects all the servers acting as Web front ends (WFEs) for monitored SharePoint farms. Before Metalogix Diagnostic Manager 3.0, any machine that previously had the Web Application Service running was treated as a WFE. This release changes that process so that only machines currently running the Web application service are treated as WFEs.

- An issue preventing Metalogix Diagnostic Manager from performing content summary collections against host-named site collections no longer occurs. Metalogix Diagnostic Manager3.0 now fully supports host-named site collections.

2.7 Features

- New security model lets you restrict access to the configuration and performance information to selected users or groups.
- Added additional reports for the following:
 - Capacity planning
 - SQL Server
 - Page health
 - Page uptime
 - Content summaries
 - Content Summary information now includes additional information about the document versions to help you plan for capacity needs.
 - Full support for Microsoft SQL Server2012.

2.6 Features

- Improved information in alerts, including knowledge base information.
- Customizable knowledge base articles for every metric.
- New alert response rules.
 - Customizable rules for alert responses.
 - Improved email handling, including custom recipients for each alert response rule.
 - SNMP trap generation.

2.5.1 Features

- Improved handling of Windows Management Instrumentation (WMI) data.

2.5 Features

- Enhanced metrics for SQL Servers, including detailed configuration information, database fragmentation and detailed data file and log file storage information.
- Added the ability to wait a user-specified period of time before triggering alerts for certain metrics.
- Added the ability to clear alerts.
- Improved handling of Microsoft SQL Server Clusters. Virtual Servers now appear in the list of farm servers, as do the component servers. The Virtual Server lists the servers that the cluster lists each of the servers that make up the cluster. Each component server appears separately in the list of servers.

2.0.2 Features

- Added the ability to manually add a server to a farm.

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2.0.1 Features

- Corrected an error that caused CPU usage to appear at 100% on Windows Server2003 servers.

2.0 Features

- Added more than 100 new Server, SharePoint, and SQL Metrics, including the following:
 - Disk Space.
 - SQL Server performance metrics.
 - SharePoint performance metrics.
 - Instance-based metrics.
- Added SharePoint Content Summary of monitored farms, Web applications, and site collections, including object sizes and growth rates and graphical views of content.
- Added Content Summary-based alerts.
- You can now create and manage custom reports.
- You can create custom views for any collected metric.
- Added the ability to override alert thresholds per server.

1.3 Features

- Changed defaults when adding a new page. By default, new pages are now tested using the URL the user provides.
- Added the ability to ignore errors caused when the Collection Service cannot verify the SSL certificates that your Windows front end servers use.
- Updated the installer to verify the software and the permission requirements before installation.
- Improved error handling and reporting.

1.2 Features

- Continuous, automated 24/7 monitoring from a central console.
- Intuitive dashboard UI provides "at-a-glance" view of SharePoint health.
- Page component level performance analysis.
- Summary and detail performance metrics.
- Automated alerting of poorly performing pages, controls & server performance issues.
- Repository of historical performance enables trending and analysis.
- Comprehensive reporting.

