



# DirectoryAnalyzer<sup>®</sup> 4.10

What's New



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DirectoryAnalyzer What's New  
Updated - June 2009  
Software Version - 4.10

# About Quest Software Corporation

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Quest Software, Inc. delivers innovative products that help organizations get more performance and productivity from their applications, databases, and Windows infrastructure. Through a deep expertise in IT operations and a continued focus on what works best, Quest helps more than 18,000 customers worldwide meet higher expectations for enterprise IT. Quest's Windows Management solutions simplify, automate, and secure Active Directory, Exchange and Windows, as well as integrate Unix and Linux into the managed environment. Quest Software can be found in offices around the globe and at [www.quest.com](http://www.quest.com).

## Contacting Quest Software

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## Contacting Quest Support

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Quest Support is available to customers who have a trial version of a Quest product or who have purchased a commercial version and have a valid maintenance contract. Quest Support provides around the clock coverage with SupportLink, our web self-service. Visit SupportLink at <http://support.quest.com/>

From SupportLink, you can do the following:

- Quickly find thousands of solutions (Knowledgebase articles/documents).
- Download patches and upgrades.
- Seek help from a Support engineer.
- Log and update your case, and check its status.

View the Global Support Guide for a detailed explanation of support programs, online services, contact information, and policy and procedures. The guide is available at: [http://support.quest.com/pdfs/Global Support Guide.pdf](http://support.quest.com/pdfs/Global%20Support%20Guide.pdf).



# What's New in DirectoryAnalyzer

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The **Quest Spotlight on Active Directory Pack** consists of the following three solutions:

- **Spotlight on Active Directory** identifies replication, performance and availability problems in Active Directory
- **DirectoryAnalyzer** provides real-time diagnostics and enables proactive problem resolution
- **DirectoryTroubleshooter** automates Active Directory troubleshooting and repairs

## What's New In Version 4.10

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DirectoryAnalyzer 4.10 includes the following new features and product enhancements:

### New FRS Alerting

DirectoryAnalyzer has extended its alerting facilities to include the following FRS alerts:

- **Active Directory Domain Service Not Running** - this alert is generated if the Active Directory Domain Service (AD DS) is not currently running on the DC.
- **DFS Namespace Service Not Running** - this alert is generated if the DFS Namespace Service is currently not running on the DC.
- **DFS Replication Service Not Running** - this alert is generated if the DFS Replication Service is not currently running on the DC.
- **FRS Change Orders Morphed Threshold Exceeded** - this alert indicates that FRS has received change orders for a large number of files that already exist.
- **FRS Excessive VVJoin** - this alert indicates that the number of servers that this server is synchronizing (VVJoin) with is equal to or greater than the configured threshold.
- **FRS Journal Wrap** - this alert indicates that a server is in the state of journal wrap. Replication cannot complete successfully while this condition exists.
- **FRS Long VVJoin** - this alert indicates that a VVJoin operation has been running for a period greater than or equal to the specified threshold.
- **FRS Morphed Directories Exist in Site** - this alert is generated when morphed directories are found in a replica tree.
- **FRS Replica Root Disk Space Below Threshold** - this alert indicates that the amount of free disk space for the FRS replica root is less than or equal to the specified threshold.
- **FRS Sharing Violation** - this alert indicates that a sharing violation exists for a period greater than or equal to the specified threshold.

- **FRS Staged File Age** - this alert indicates that files have been in the staging area for a period greater than or equal to the specified threshold.
- **FRS Staging Files Regenerated Threshold Exceeded** - this alert indicates that there may be replication problems or that the staging area is too small.
- **FRS USN Records Accepted Threshold Exceeded** - this alert indicates that there is heavy file replication traffic.

### Spotlight on Active Directory Integration

You can now launch Quest's Spotlight for Active Directory product from within the DirectoryAnalyzer client.

### Licensing Changes

DirectoryAnalyzer now uses the Quest licensing system. Therefore, a new license file for DirectoryAnalyzer 4.10 is required. Existing DirectoryAnalyzer licenses will no longer work. Please contact your Quest Account Manager regarding a new license key.

### Quest Rebranding

The DirectoryAnalyzer product and documentation have been rebranded using Quest Software's guidelines and standards.