

OpenText Content Suite Platform with Microsoft® SQL Server® 2014

Today, many organizations are struggling with overwhelming amounts of information in different formats across business systems such as SAP®, Oracle®, and Microsoft® as well as from sources both inside and outside the enterprise. OpenText Content Suite is an industry leading Enterprise Content Management (ECM) solution which delivers a breadth of capabilities designed to help control the explosive growth of information across your organization, minimizing the costs and risks associated with unmanaged content. As information flows throughout your enterprise from capture through archiving and disposition value can be maximized and consistent governance policies can be applied across any type of content to ensure compliance.

OpenText and Microsoft Working Together

OpenText is a global leader in developing content and process management solutions that span information governance, document capture, records management, archiving, business process management, case management, and more. OpenText and Microsoft have collaborated to provide real business solutions for corporate customers, combining the power of the Microsoft Application Platform and Productivity technologies with the OpenText expertise in, and deep understanding of, Enterprise Information Management (EIM). Through their strategic alliance, OpenText and

Microsoft are delivering solutions and frameworks that embrace and extend the Microsoft platform including Office, SharePoint®, Exchange and SQL Server with industry specific applications.

The Highest Level of Competence and Expertise

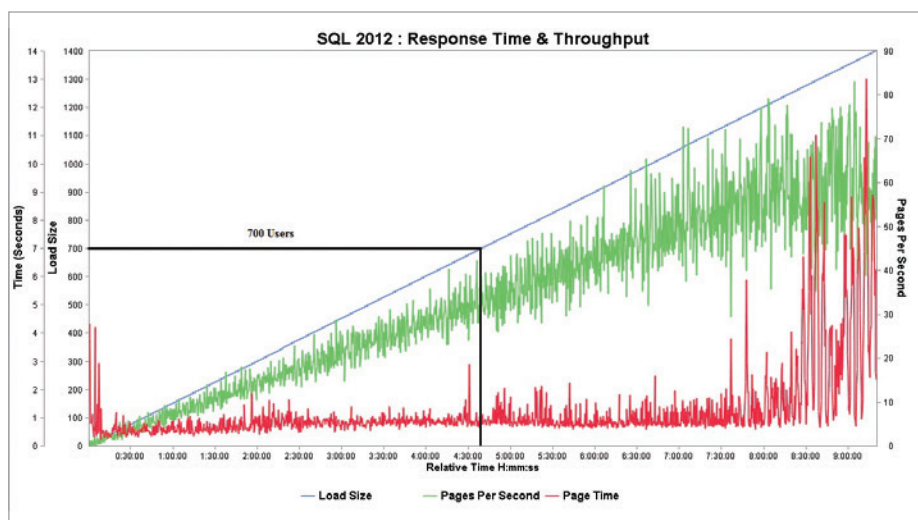
OpenText is a Global Microsoft Alliance Partner with certified personnel in locations around the globe. Having demonstrated an exemplary track record when it comes to successful implementations, capabilities, and technical certifications, OpenText has met the rigorous requirements for each specific competency.

SQL SERVER® 2014 PERFORMANCE IMPROVEMENTS

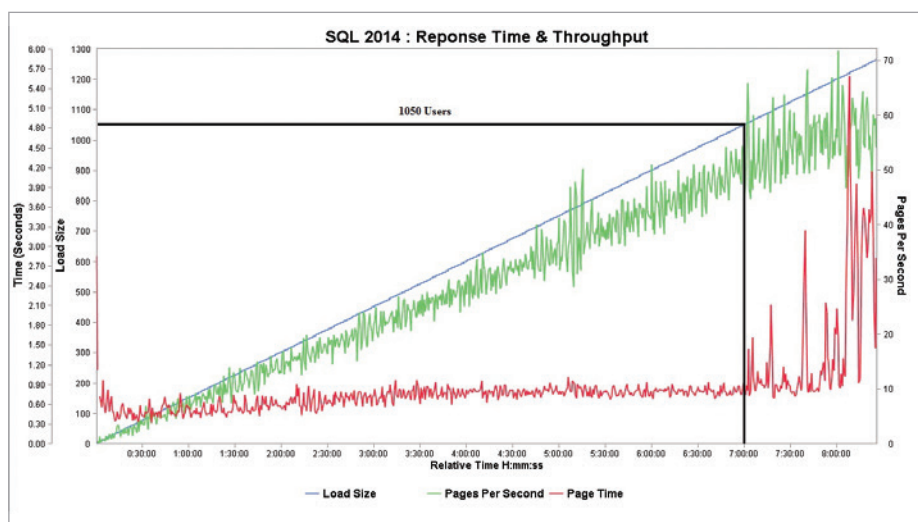
- SQL Server 2014 provides a widely available platform for OpenText solutions to perform at optimum speed and CPU efficiency, supporting the largest and most process-intensive deployments:
- Avg. DB Server CPU down 16%
- Avg. CS transaction response times down 24%
- More consistent page times
- Same HW supported 50% greater load

OPENTEXT AND MICROSOFT

- OpenText is a Global Microsoft Alliance Partner
- The highest level of competence and expertise
- www.opentext.com/microsoft
- www.microsoft.com/opentext



SQL Server 2012 – 700 users



SQL Server 2014 – 1050 users

As a result, OpenText has in-depth access to a variety of exclusive Microsoft resources, including priority access to a support team of Microsoft certified systems engineers, nondisclosure evaluation of new Microsoft products and technologies, as well as planning tools and events to align our latest product developments and direction.

OpenText Content Suite

OpenText Content Suite allows information to be governed securely to reduce risk and mitigate the cost of growing volumes of content in the enterprise—freeing the business to focus on using information to drive growth and innovation.

Available on premises, across mobile devices, and in the cloud, OpenText Content Suite is a set of Enterprise Content Management (ECM) technologies including a platform to unite capture, document and records management, workflow, search and archiving as well as applications and add-ons such as email, eDiscovery, auto-classification, contract management, and engineering document management.

OpenText Content Suite allows organizations to integrate only the functionality they need—never deploying more software than necessary to solve a business problem. Organizations can add new components with confidence, knowing that underpinning the

suite is a platform that enables each new piece to work fluidly with the existing deployment.

OpenText Content Suite ensures you can effectively:

- Manage information flows across the organization from capture through archiving and disposition
- Apply dependable, consistent governance policies across any type of content in the enterprise, regardless of where it originates—be it a source inside or outside the enterprise or in the cloud
- Adapt information governance to the needs of users, building it into the business processes and applications they work in every day—for example SAP, Oracle, and Microsoft

Performance Testing

Between January and April 2014, OpenText and Microsoft ran controlled, real-world benchmarking tests at the OpenText performance lab as part of their global alliance partnership. The objective was to determine a baseline comparison of OpenText Content Suite running on SQL Server 2012 and SQL Server 2014. The same machines, same workload, and same configurations were used to determine out-of-the-box performance impact. Testing was also carried out to quantify the impact of using SQL Server 2014 OLTP in-memory tables.

Test Environment

The test environment consisted of Content Server 10.5 using a Microsoft platform (Windows® 2012, SQL2014 Beta, IIS), comprising of three Cisco® C220 servers, each with 12 physical cores (24 logical), 32 Gb RAM, SAN based storage. One Content Server 10.5 front end server, one Content Server 10.5 admin server for full-text index and background agents, one SQL2014 server.

Benchmark Testing Results

Out of the box, SQL 2014 provided significant performance improvement over SQL Server 2012 when load tested with OpenText Content Server 10.5

- Avg. DB Server CPU down 16%
- Avg. CS transaction response times down 24%
- More consistent page times
- Same HW supported 50% greater load

	BASELINE	FACET TABLES IN MEMORY	FACET TABLES + PERMISSIONS + GROUP MEMBERSHIP IN MEMORY
AVG. RESPONSE TIME	0.045	0.032	0.028
AVG. PAGE TIME	1.019	0.842	0.783

SQL Server 2014 baseline vs. SQL Server 2014 using in-memory tables

Facets In-Memory

By then putting facet tables in-memory, user actions executed during the tests sped up significantly. With permissions and group membership tables in-memory, our response times also decrease across the board, from 20-40% in most cases.

Summary

OpenText and Microsoft work together to integrate OpenText software with Microsoft products and technologies. Benchmark testing and product optimizations are part of this joint effort.

Using SQL Server 2014 enhanced in-memory technologies, OpenText Content Suite can operate significantly faster at greater loads. The performance and scalability improvements allow customers to put more transactions through on their existing equipment, which means a lower TCO. Content Suite users enjoy faster searches and navigation, resulting in greater user satisfaction levels.

Real world benchmark testing means that customers can select and deploy OpenText Content Suite and SQL Server 2014 with confidence. ■

Using SQL Server 2014 enhanced in-memory technologies, controlled tests have shown OpenText Content Suite can operate at up to 40% faster at 50% greater load. These performance and scalability improvements allow customers to put more transactions through on their existing equipment, which mean a lower TCO.

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