



Microsoft Mediaroom® integration sizing and testing environment with STF

Expectations for the Internet Protocol television (IPTV) business have risen tremendously the last few years, mainly because of the gradual falling of technical barriers. To help operators provide the quality of service (QoS) their customers enjoy with other video services, Microsoft has increased its Mediaroom platform performance.

Now that Microsoft has consolidated its position on the tier one Telco market segment, its new strategy is to prospect tiers two and three. This new strategy implies an even lower cost for even better implementation tariffs to succeed in this market segment.

HP in this new strategy

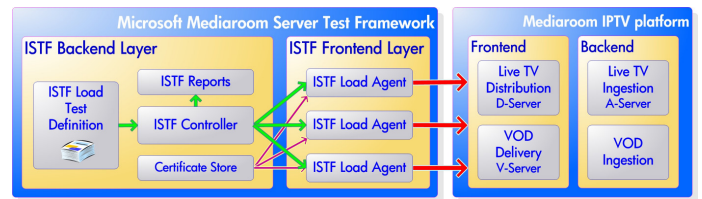
HP servers with Intel processors are powering many deployments of Mediaroom solution in the telecommunications market segment.

HP's objective has been to help Microsoft in his strategy of acquiring new and more requiring customers by reducing the constraints related to Mediaroom solution. Optimizing HP servers' performance has been a priority. This has been possible thanks to powerful Intel processors and architectures.

Solution description

Mediaroom Scalability Test Framework® (MSTF®) is an extensible test environment. That enables small- to very large-scale testing of Microsoft's Mediaroom Server system's external interfaces. Specifically, MSTF provides a set of visual studio test scenarios that can be used to load test both client-facing and server-facing interfaces of the Mediaroom servers. It provides an efficient management console for configuring MSTF and for provisioning Mediaroom databases to a suitable level for realistically-scaled testing. MSTF provides sophisticated SQL® server reports for analyzing test results and Mediaroom server performance.

The Microsoft Mediaroom Scalability Test Framework can be used to assess Mediaroom IPTV platform performance and Mediaroom components (e.g. D-Server, V-Server) and for optimization and capacity planning.



Components

HP ProLiant® BL460C Server

- Maximize performance with the latest Intel® Xeon® processor X5470 providing ultimate processor performance



- The BL460c server continues to support up to 64 GB of ECC 667 MHz DDR2. It also has fully buffered DIMMs with mirrored memory, memory interleaving, and online spare capability.

Intel® Xeon® architecture

The next-generation Intel® Core™2 and Intel Xeon processors, the first family of processors based on Intel's new 45nm Hi-k silicon technology, makes good use of the additional transistors this technology can pack into a chip.



They deliver many new architectural features and advancements to make software run faster and improve energy efficiency.

Microsoft Mediaroom

The Microsoft Mediaroom platform takes full advantage of the included intelligent software and two-way IP networks.



It is more than the former Microsoft IPTV with a brand-new name. It adds new features including personal media sharing, enhanced picture-in-picture capabilities, and a new multimedia application environment.



The HP Intel Solution Centers provide a complete telecom infrastructure for demonstrating the Communications Media and Entertainment solution portfolio to HP customers and fellow travelers. The centers are located in Grenoble, France; Richardson, Texas, USA; and Shanghai, China. These unrivalled technical facilities offer our customers and partners the unique opportunity to evaluate new services in real-world environments, test new technologies, and select the solutions most likely to succeed.

Technology for better business

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