

Exhibition of a Commercial product

Lyatiss Tuner

Lyatiss SAS

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Executive Summary

Cloud computing; virtualization; software/infrastructure/platform as a service. A range of technologies which have reached maturity over the last five years and which, in various combinations, are revolutionizing enterprise IT operations. At their most effective they promise to deliver a more flexible, more dynamic IT infrastructure, capable of quickly adapting to changing demands and to the introduction of new services while dramatically reducing both CAPEX and OPEX costs.

However, enterprises seeking to reap the benefits of infrastructure virtualization for service delivery in private or public cloud deployments are not seeing the expected results. The principal reason for this is the lack of unified management tools delivering a consistent, correlated viewpoint supporting the planning, deployment, management and monitoring of the three key elements of the information infrastructure: servers, storage, and networking. Point solutions exist for the management of virtual server platforms; other solutions manage storage. Adds, moves and changes to server platforms must be manually replicated through the management interface of the storage solution (and vice-versa). Meanwhile the underlying network remains the Cinderella element, expected to fulfil its duties with little regard to how a dynamically optimized network can contribute to maximizing the efficiency of the virtualized datacenter.

Lyatiss offers a unified virtual infrastructure solution, Lyatiss Tuner, which effectively manages every element in the virtualized datacenter. The Lyatiss Tuner solution supports a broad range of the most widely deployed systems, storage and networking technologies, combining a global view of virtualized resources with tools that drill down into each component to deliver a high degree of granularity. When a new service is deployed or an existing service needs scaling up (or down), Lyatiss Tuner ensures that the deployment, resizing or migration of virtual servers is automatically correlated with the necessary changes to storage and networking configurations, while optimizing resource usage across the datacenter.

This global, unified approach to managing virtualized infrastructure optimizes resource utilisation, facilitates effective planning and deployment, and accelerates changes for increased flexibility and reactivity. Because Lyatiss Tuner manages every element in the infrastructure, over-provisioning can be eliminated for a “right-sized” deployment that adapts dynamically to demand. The result? A

datacenter, a public or private cloud, which delivers the services the enterprise needs, when they are needed, with reduced investments in infrastructure (CAPEX) and operations (OPEX).

Lyatiss Tuner Features and Benefits

Lyatiss Tuner addresses every step in the Virtual Infrastructure Lifecycle:

	<i>Today's solutions</i>	<i>Lyatiss Tuner</i>
Design:	Point solutions focused on individual elements in the infrastructure, leading to sub-optimal overall design.	A single solution offering a global approach to the pool of resources available in the virtualized datacenter.
Deploy:	Uncorrelated point solutions require multiple interventions with increased risk of errors.	A single, centralized solution ensuring consistent, coherent deployment.
Manage:	Multiple consoles with different interfaces increase the complexity of day-to-day management.	A single unified console delivers clear, ready-to-use information for more effective datacenter management.
Measure:	Lack of visibility on overall efficiency and performance due to uncorrelated, inconsistent measurement tools.	Global performance measurements combined with drill-down features for individual elements give complete visibility.
Evolve:	Design is static, not a dynamic process, leading to inefficiencies as requirements and technologies evolve.	Unified overview of all key components (servers, storage, networking) supports infrastructure evolution as an on-going process.

The proposed exhibition/demo will demonstrate the design, submission and monitoring features of the Lyatiss Tuner solution.

