

For Mason IT, Nutanix Is the Perfect Platform for Hosting Cloud Services

Company Background

Mason IT is a value added reseller and cloud service provider. The company specialises in delivering sustainable IT solutions for their customers and offers managed services within its UK and Icelandic data centres. They partner with the world's largest vendors including Cisco, VMware, Nutanix, Juniper, and Huawei.

Sustainable Technology

Mason IT now offers the first sustainable "Private Cloud" service built on Nutanix technology. Mason IT chose the Nutanix complete cluster architecture because it offers a radically different approach to a traditional architecture by providing converged compute and storage. The Nutanix solution has the flexibility to scale cost effectively and manage petabytes of data with no degradation of performance to its customers.

According to Gisli Helgason, Technical Director at Mason IT, "Sustainable IT is a key part of our company strategy. We can now offer our customers two private cloud options built on Nutanix. Firstly a UK-based solution with efficient infrastructure and secondly, a sustainable zero-carbon private cloud option based in our Icelandic data centre which is powered 100% by renewable energy".

Nutanix for the Cloud

The Nutanix system avoids the acquisition and operating costs associated with today's legacy SAN architecture. Each 2U Nutanix Complete Block replaces one full rack of traditional storage and a half rack of servers. The extremely compact footprint reduces power and cooling requirements by 40% compared to typical, underutilized server, storage and networking equipment.

Nutanix makes it easy to scale the infrastructure as client requirements grow. The Nutanix system expands by adding Complete Blocks to the cluster that scale performance and capacity linearly. These are simple to install and can be rolled out in a matter of minutes. No integration is required. Each Complete Block includes 4 nodes and a total of 8 Intel Xeon processors (48 cores), 4 Fusion-io PCIe SSD cards, 4 SATA SSDs and 20 SATA HDDs. The multi-core processors combined with flash storage and automated data tiering deliver exceptionally high and predictable performance for cloud customers.

// As we developed our cloud strategy, we saw that both the commercial and technical engagement of Nutanix products was going to be best-fit for us moving forward. //

– Wesley Mezzone, Director at Mason IT

MASON IT

BUSINESS NEEDS

Build scalable, sustainable "cloud" platform for hosting infrastructure-as-a-service.

SOLUTION

Nutanix Complete Cluster

BENEFITS

- Compact footprint dramatically reduces power, cooling and space requirements.
- Avoids cost and energy consumption of SAN equipment
- Scale-out architecture eliminates large, upfront capital expenditure
- Fast and easy to scale as client demands grow
- Preloaded with VMware and ready to deploy as a shared, virtualized service



NUTANIX

www.nutanix.com

The system comes preloaded with a VMware hypervisor and supports VM high availability and live migration, so it is ready to go as a shared, virtualized platform for virtual data centre. Nutanix allows Mason IT to scale infrastructure in manageable, affordable increments to meet demand without large, upfront capital expenditures.

Private Cloud or On-Premise

For customers looking to implement a virtual desktop infrastructure (VDI) environment or move away from legacy SAN/Server architecture, Mason IT partners with Nutanix to help customers design and implement a converged storage and compute platform.

Wesley Mezzzone, director, Mason IT added "Whether our customers require a cloud based or on-premise solution, through our partnership with Nutanix we can now deliver SAN-Free data centres with almost infinite scalability and predictable performance".

About Mason IT

Mason IT (www.mason-it.co.uk), headquartered in the UK, have a passion for delivering leading-edge sustainable technology solutions through a consultative approach. This, combined with their technical expertise, and established relationships with leading technology vendors, ensure that they can meet their customers' end-to-end IT solutions requirements. As a value-added reseller Mason IT offers WAN Services, Contract Maintenance, Support and Services, Private Cloud and Data Centre solutions, and Engineering Consultancy Practice.

About Nutanix

Nutanix brings forth an exciting new SAN-Free virtualized datacenter platform, converging two tiers of infrastructure down to one. Through the use of innovative server-attached PCIe Flash and high capacity SATA drives, Nutanix' innovative distributed storage and compute cluster localizes the data-path for higher performance and reduced complexity. Inspired by SAN-Free distributed systems employed by Google, Amazon, Facebook, and Twitter, Nutanix is first to market with an enterprise-friendly, easy to deploy storage and compute cluster that dynamically grows to meet business demands. For more information please visit www.nutanix.com.

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– Wesley Mezzzone, Director at Mason IT

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