

RED HAT STORAGE SERVER

		 Cornell University	
COMPANY	Intuit	Cornell University	Intelitek
GEOGRAPHY	California, USA	New York, USA	New Hampshire, USA
RED HAT SOLUTIONS	<ul style="list-style-type: none"> Red Hat® Storage Server 	<ul style="list-style-type: none"> Red Hat® Storage Server 	<ul style="list-style-type: none"> Red Hat® Storage Server deployed within Amazon Web Services (AWS)
HARDWARE	<ul style="list-style-type: none"> HP ProLiant DL170e G6 servers 	<ul style="list-style-type: none"> Dell R610 connected via InfiniBand to the DataDirect Networks (DDN) 9900 	<ul style="list-style-type: none"> Load balancer, Apache servers, and Red Hat Storage Server running on Amazon EC2 instances and Elastic Block Storage (EBS) devices
BUSINESS CHALLENGE	Intuit needed a fast, reliable, and cost-effective storage solution for TurboTax, its flagship tax preparation software. TurboTax is a Software-as-a-Service (SaaS) suite of offerings; therefore system responsiveness was a critical requirement.	Cornell University's Center for Advanced Computing (CAC) required a highly scalable and reliable storage solution for its clients' data-intensive research projects in high-performance computing environments.	Intelitek was looking for a scalable, flexible, and affordable cloud computing infrastructure to meet the time-sensitive demands of its target markets for its e-learning application.
BENEFITS	<p>Red Hat Storage Server allows Intuit to react and quickly expand in response to the demands of the fast-moving consumer tax market.</p> <p>The product also offers a considerably lower TCO than proprietary systems, thereby increasing Intuit's ROI for the initiative.</p> <p>The cost per terabyte of storage dropped by a factor of 16 to 1.</p>	<p>Red Hat Storage Server allows Cornell to work more easily with unstructured data. Previously, Cornell scientists couldn't access unstructured data and were limited by standard file systems capped at 8 terabytes and 16 terabytes per node. Because the Institute produces more than 20 terabytes of data per month, they needed a solution that could scale and was highly available.</p> <p>Selecting a solution with a global namespace allowed Cornell to eliminate administrative and data management overhead, saving a significant amount of time and cost.</p>	<p>With Red Hat Storage Server deployed within Amazon Web Services (AWS), Intelitek gained a highly available and scalable NAS storage technology that is easy to deploy and maintain. The proof of concept was up and running immediately and Intelitek was able to deliver products to its customers quickly.</p>
QUOTE	<p><i>"Although going down a new path sometimes means taking risks, the rewards can be huge if you can deliver breakthroughs in performance and scalability while reducing costs. Red Hat enabled us to do that."</i></p> <p>- JEFF LUDWIG, DIRECTOR OF PRODUCT DEVELOPMENT, INTUIT TURBOTAX</p>	<p><i>"With Red Hat Storage, we were able to dramatically avoid expenditures with a low-cost software solution, while keeping our current infrastructure in place."</i></p> <p>- JAMES VANEY, IT DIRECTOR FOR THE INSTITUTE FOR BIOTECHNOLOGY AND LIFE SCIENCE TECHNOLOGIES, CORNELL UNIVERSITY</p>	<p><i>"With Red Hat Storage, we were able to deliver the product to the customer quickly for this specific use case. The solution has been so beneficial, and I truly value Red Hat and Amazon's strategic partnership."</i></p> <p>-ALON KADURY, VICE PRESIDENT OF RESEARCH & DEVELOPMENT, INTELITEK</p>

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