

CLIENT STORY

NetApp and Scalar Help CIRA Accelerate Their World-Class .CA Domain

During a time of exponential growth, the move to NetApp clustered Data ONTAP allowed CIRA to scale up and provided them flexibility during their transition from old hardware.



Objective

fighlights Technolo

igration to NetApp clustered Data ONTAP storage operating system. Longtime NetApp customer with well planned our strange upgrades for each generation of the NetApp operating system

communications, strong project management, and solid post migration documentation The move from legacy NetApp 7-Mode to Clustered Data ONTAP provides disruption-free upgrades

Customer Challenge

Safe, stalls, server, and resilient — These are the pillars upon which the Canada Canada Charles (Canada Charles) (CRIA) — better lower as the management of Canada Ch. domain — Sease all technical decisions. CRIA's manders is no build as better residence can be considered to the control of the control of the control of the control of the Recognized as one of the fastest apositing country code top level domains, the member driven organization has experienced exponential growth with over 2.4 million domains under management.

CIRA's employees work hard to maintain the confidence of its stakeholder community, using cutting edge technology to build. CA into one of the leading domains in the world. Prominent Canadian organizations such as all levels of government, universite, hospitals, and counties small, medium, and large businesses rely on CIRA products and services.

To proporly message service level and uptime convolutions is to customers. CRIA has three data centre environments dedicated to production, staping, and disaster encoursy. Amenda Shaus, Managard Of Operations, says "stately provide international training and the state of the state of end to set of other seasons of the long time Methylo customer and what come to course on both Nexkeys and Stale to long time Methylo customer and what come to course on both Nexkeys and Stale to the long of the Methylo customer and what come to course on both Nexkeys and Stale to the long of the Methylo customer and the second to course on both Nexkeys and Stale to the long of the Methylo customer and the second to course on both Nexkeys and Stale to the second of the secon "NetApp provides innovative systems that are trusted and tested within a vast community. We are a long-time NetApp customer and we have come to count on both NetApp and Scalar to help us deliver our services."

Amanda Swain MANAGER OF IT OPERATIONS AT CIRA

"NetApp and Scalar help us understand the product roadmaps and keep us up to date on how the technology is advancing"

Amanda Swain

Approach

While CRM has been numning NetApp for well over a decade, the team recently went through a large magration project across malpile sines, transitioning to the NetApp clustered Disa ORTAPP IGS. "NetApp and Scalar byte understand the points candinary and help may up to date on how the technology is advancing," said Swain. Scalar speasheaded the migration project, working in tenden with the CRM activities fram. "It relay is a particularly in it is not just implementation and dhen hand city which is what many periodical storice promoters. On the leavoidety seafer fupports or prostress." Seam address the process and when they complete the project, we are well equipped to manage the systems." Seam address."

Eric Malenfant, Senior Systems Administrator at CRIA readily agreed, "the expension Inscrived from Scalar was just fartestic and the documentation provided at the end of the project was top reach." Michael Lelakor, Emony Systems Administrator or LRIA added, "hall you wask easy with after the fact is just a important as the service you receive during the implementation process — in is like shading at boose, if the hildepoints are not given to the conner after the house in built, it makes is difficult to make changes in the future."

The team also emphasized the importance of planning the migration of three sites in the span of two to three months. "We planned for everything and experienced only one small hiccup throughout the process," said Malenfant.

"What you walk away with after the fact is just as important as the service you receive during the implementation process—it is like building a house, if the blueprints are not given to the owner after the house is built, it makes it difficult to make changes in the future."

Michael Leblanc
SENIOR SYSTEMS ADMINISTRATOR AT CIRA

Solution

The move to NetApp clustered Data ORTAP not only allows CIPIA to easily scale up, it provides fiscibility when cycling out off brahmer. "Under the older version of the operating system, the discupption of moving solutiones and services was supplicated. Who clustered mode, the process in one-discupping—said Leblace. It is critical that CIPIA systems stary up and running." Our Dizone Apropared Switch Leblace. This ortical that CIPIA systems stary up and running. "Our Dizone Apropared Switch Switc

SnapMinor and Snap/leash improvements were also cited as a vericome enhancement. SnapMinor provides diseaster recovery protection and snapflies the management of data replication, while Snapfland speeds and snapflests back past and an excessy, posterior gate as the block level? We now have the ability to snap an entire STM (stroage virsual machine), not just the data and volume but how that data as presented to the world the P address, he security configuration, everything that encapsulates the environment. This is very powerful," and belands.

Outcome

"It is always a team effort with Scalar and NetApp. They have willingness and appetite to share information and provide best per practices, helping us learn from their expertise, and it is not just abou NetApp technology. They be us understand how to optimize our NetApp systems with the other technology in our environment," add Swaln.

With the most recent successful migration to clustered mode under their belts, next on the horizon is the eventual more to ONIAP and this ONIAP abullist for branchistor for a Data Tahori, making it easy to move data where it's needed across fissis, disk, and cloud resource. We are exceeded about the eventual recent about the eventual recent and tool forward to several power use on the set toilist at those one finatures. For now, we are concentrating on getting on current systems operating but 9 CL. and definition or main the provision of software and tool forward to several power or on the set toilist and the concentration on current systems operating but 9 CL.

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