



```
/**  
 * Process the uploaded file by creating a unique name  
 * version and then saving it to the cloud.  
 *  
 * @param array $file  
 * @param Model_Product $product  
 * @return void  
 */  
protected function process_uploaded_file($file, $product)  
{  
    $app_config = $this->get_app_config();  
    $destination = $app_config['destination'];  
    if (! is_dir($destination))  
    {  
        mkdir($destination, 0755, true);  
    }  
    $uniq_name = md5($product->name . $file->name . $product->version);  
    $path_full_dir = $destination . $uniq_name . $file->name . $product->version . $file->extension;  
    $path_full_file = $path_full_dir . $file->name . $product->version . $file->extension;  
    $path_full_dir = $destination . $uniq_name . $file->name . $product->version . $file->extension;  
    $path_full_file = $path_full_dir . $file->name . $product->version . $file->extension;  
}
```

SUCCESS STORY
Service Provider



WIRESTORM.

WIRESTORM | PROBLEM SOLVED

Wirestorm Innovations delivers efficient DevOps in the cloud with NetApp® ONTAP® Cloud for Amazon Web Services (AWS).

The New Norm for Wirestorm's DevOps Is Fast, Ultrafast

Boutique service provider Wirestorm builds and implements business intelligence, big data, enterprise mobility applications, cloud computing, application development, and technical staffing solutions for clients. When the company needed to automate its DevOps process, it turned to NetApp® ONTAP® Cloud.

Configuration replication went from
20 hrs.
▶ **<1 min.**


Reduce number of development systems by
10x

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NetApp FlexClone® technology within ONTAP is critical to Wirestorm's development and testing, helping reduce the time that is required to deliver solutions to clients. The technology creates cloned images that look like actual original data, which lets users create multiple environments without having to copy data to each one. FlexClone volumes take up minimal space, saving on storage costs, and are also extremely efficient.

Building physical copies of datasets sometimes takes hours. A clone, by comparison, can be produced in seconds, allowing Wirestorm to deploy applications more quickly. The NetApp framework enables Wirestorm to automate so efficiently that it can

implement in the cloud in a fraction of the time. What previously could take 20 hours now takes less than a minute. 

"When I look at a platform that allows me to do an end-to-end solution all the way up to Amazon Web Services (AWS), deploying applications in under a minute, that's a very powerful platform," says Abdul Masri, CEO of Wirestorm. "There is a good ROI in investing in this initiative."

Plus, NetApp solutions deliver everything that Wirestorm needs for DevOps in the cloud without buying a single physical array. "We don't own a physical piece of equipment other than our laptops," says Jeremy Goodrum, vice president of engineering at Wirestorm.


A HOLISTIC ECOSYSTEM SIMPLIFIES CLIENT SOLUTIONS

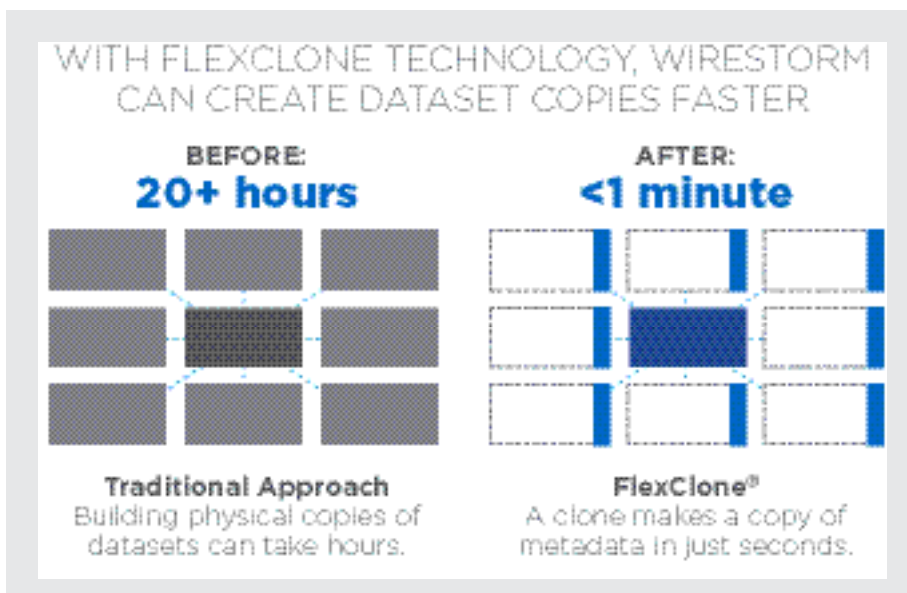
Wirestorm and its customers demand simplicity and consistency, which NetApp provides in a single ecosystem with user-friendly tools.

"NetApp has invested in quick-starter tools that cover things like workflows and content discovery for intelligence. Having those supporting tools available with the platform enables us to holistically deliver a solution that's not piecemealing different tools from different vendors," Masri says.

Several NetApp components foster automation. NetApp OnCommand® Unified Manager and OnCommand Workflow Automation, for instance, simplify the viewing and automation of storage tasks and data protection.

Wirestorm's automation directs workloads from the platform to different areas, whether on the premises, on AWS, or on Azure. The single platform eliminates the complexity of switching between various consoles for specific applications.

There's also no need to build multiple scripts and multiple configuration models around each cloud service.  "I don't want my administrators or DevOps team to work with 50 different tools," says Masri.



That benefit directly transfers to clients, who don't want a solution that requires five different tools from five different vendors.

LOW INVESTMENT YIELDS HIGH VALUE

ONTAP Cloud software opens up a new paradigm for Wirestorm. Its customers—which include sovereign governments and Fortune 500 companies—can experience the value that the cloud delivers without buying new equipment.

“Scaling is a tremendously loved feature in the cloud because it not only provides you with cost savings, but other great benefits as well,” says Masri. “It's efficient. It lowers the barrier to entry for us when we talk to a client about implementing a solution or doing a proof of concept.”

“ONTAP Cloud drastically lowered our cloud cost and server spend. My team was able to lower the number of development systems

by 10 times and drop our total deployment time to mere minutes,” says Goodrum. “The team now relies on standardized automation and focuses only on application development instead of transferring large files, rebuilding testbeds, or trying to sync local development environments. For a DevOps shop, ONTAP takes productivity to a whole new level.”

SOLUTION COMPONENTS

NETAPP PRODUCTS

[NetApp ONTAP Cloud for Amazon Web Services](#)

[NetApp OnCommand Unified Manager](#)

[NetApp OnCommand Workflow Automation](#)

NetApp FlexClone

Amazon Web Services (AWS)

Microsoft Azure cloud computing platform

BUSINESS BENEFITS

Using NetApp ONTAP Cloud software allows Wirestorm to:

- Lower the total cost of ownership of Amazon Web Services.
- Automate processes on the premises and in the cloud to save time for DevOps.
- Integrate IT system management with NetApp technologies.
- Automate deployment and implementation of NetApp products for Wirestorm customers.
- Dramatically reduce the total number of servers required by using FlexClones.
- Rapidly and consistently build applications in any cloud.

LEARN MORE

netapp.com/us/products/platform-os/ontap-cloud.aspx

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