

“6 Things Star Wars Can Teach Us About File Storage” Did Nasuni Get It Right?

Nasuni talks about the 6 things Star Wars teaches us about file storage and how Nasuni would have been the perfect solution. Let's look at those 6 things, and see how Nasuni did, so you won't be seduced by the dark side.

1. Prevent file server "out of space" issues.

Was that dot-pixel Death Star design really the best the Empire could do? No wonder they missed the exhaust port vulnerability. But that's what happens when you don't have enough space to store those big Adobe Creative Cloud, Autodesk, SOLIDWORKS, and Office files. With Nasuni and the cloud, they'd have had infinite capacity for higher-res designs.

What We Think

Nasuni is right that the cloud can provide infinite capacity, but the Nasuni cloud file system can't access large file sizes for collaboration, and that's the real problem that needs to be solved. While capacity is important, what applications like Adobe Creative Cloud, Autodesk, and SOLIDWORKS really need is the ability to collaborate in real-time on high-res design files.

Nasuni has a maximum file size of 250 MB for collaboration, which isn't enough to solve the Death Star design issue. Panzura CloudFS™ has no file size limitation, making it the right choice for battle station designs.

2. Eliminate tape-based file backup and strengthen security.

Jyn could never have stolen the Death Star plans from that robotic tape archive with Nasuni Continuous File Versioning™ and cloud storage. Traditional file backup is eliminated. All files and file versions are encrypted in transit and at rest. And the cloud providers are better at security than both the Rebels and the Empire.

What We Think

Nasuni is right that cloud data protection and snapshots (what they refer to as “Continuous File Versioning”) can completely eliminate traditional file backup processes – which means Jyn would have had nothing to steal. We are pretty sure, however, she would have gone after the data in other ways if no backup was available.

Encryption for data in transit and at rest are important. But there are also times when you need to leave no trace of data at all. With Panzura CloudFS secure erase, Jyn wouldn't have had any hope of finding the Death Star plans.

3. Enable file collaboration across all locations.

A project as big as the Death Star surely required design collaboration across many sites. But production delays were rampant, and that didn't sit well with Darth Vader. Nasuni's global file system would have given everyone working on the Death Star project access to the same files without transfer delays or version conflicts. So they could hit their deadlines. And avoid death grips.

What We Think

Nasuni is right, their global file system would have given everyone working on the Death Star access to the same files – but only if everyone wasn't too far away, there weren't too many users trying to access the files at once, and the files weren't too big. With support for collaboration over at least 4x greater distance, 10x as many active users per filer, and no file size limit, Panzura CloudFS would have made that second Death Star fully operational ahead of schedule.

4. Make IT budgets go farther.

Qui-Gon Jinn didn't have enough money to buy Watto's T-14 Hyperdrive Generator. But he would have if the Republic used Nasuni and cloud object storage. It costs 60% less than traditional NAS, backup, replication, MPLS, WAN acceleration, and DR infrastructure.

What We Think

Nasuni is right that the Jedi would have saved 60% by using their solution instead of traditional NAS. But with Panzura CloudFS, they would have saved 70% or more. Plus, with Panzura, the Jedi would have a choice of whether to pay for it with CAPEX or OPEX. Now that's enough savings to replace the Hyperdrive, upgrade the shields, and bring something nice home for the younglings.

5. Ensure file data is available through any disaster.

All those file servers lost when the Death Star blew up Alderaan? They could have been recreated in minutes in other locations with Nasuni's global file system and cloud object storage.

What We Think

Nasuni is right that with their global file system the lost files could be recreated. However, since Nasuni can only offer local HA, there is still downtime until the files are re-created at another location through a cumbersome recovery process. With global HA in Panzura CloudFS, there would be no downtime with failover to another location, and that's good news for the rebel alliance.

6. Reduce hardware purchases.

The Star Wars universe runs on robotic libraries, disk drives, CDs, and tapes. Their IT pros must not have heard of Nasuni. Running on top of cloud storage from Azure, IBM Cloud, Amazon, or Dell EMC, Nasuni's global file system eliminates the cost, complexity, and security challenges of buying file storage, upgrading file servers, replicating NAS devices, and maintaining backup gear.

What We Think

Nasuni is right that they do reduce the cost, complexity, and security challenges of traditional NAS, and that reduces hardware purchases. However, they resell cloud storage to you at a markup.

Panzura deduplicates and compresses data BEFORE we send it to the cloud, which means you need less storage. And we give you the freedom to choose from any storage provider without marking it up.

The result? Panzura regularly saves customers 70% or more in cost and 90% in storage footprint. Panzura CloudFS puts extra republic credits back in your pocket.

Don't Get Seduced By the Dark Side

Panzura CloudFS is the first enterprise file system purpose-built for the cloud. Galactic empires, rebel alliances, and earthly enterprises use Panzura CloudFS to consolidate unstructured data storage, archive, backup, and disaster recovery in the cloud; eliminate legacy NAS; and enable real-time, global collaboration.

Are you ready to bring balance to the force by transforming legacy NAS to the cloud?
Schedule a demo today.

