



SLEEP BETTER AT NIGHT

LEVERAGING ARMOR
COMPLETE'S BACKUP & DISASTER
RECOVERY SOLUTIONS

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AGENDA

- 1 What Could Go Wrong?
- 2 Securing Peace of Mind
- 3 Sleeping Better at Night
- 4 Implementation Considerations
- 5 Q & A



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WHAT COULD POSSIBLY GO WRONG?

FAIL TO PLAN, PLAN TO FAIL.



**LIFE IS FULL OF PERIL.
WE FAIL WHEN WE ASSUME THEY
CAN BE AVOIDED.**

HISTORY OFFERS MANY EXAMPLES OF
MOVING FORWARD WITHOUT CONSIDERING
HOW TO GO BACK.









SECURING PEACE OF MIND



**ANYTIME WE FEEL PAIN, WE
WANT IT TO BE GONE AS QUICKLY
AS POSSIBLE.**

BUSINESS DISASTERS ARE NO DIFFERENT...

...AND ANY PAIN IN THE BUSINESS IS SIGNIFICANT!

PRE- VS. POST-MORTEM

MORE OFTEN THAN NOT, DISASTERS CAN BE AVOIDED USING A **PRE-MORTEM** MIND-SET

Assume disruption
will occur

Account for disruption
in your plan

Be comfortable with
disruption when it
actually occurs, because
you planned!

YOUR BUSINESS CONTINUITY PLANS SHOULD NOT BE ANY DIFFERENT!



MYSPACE STILL (BARELY) EXISTS —

Myspace apparently lost 12 years' worth of music

User uploads corrupted in server migration, and Myspace seemingly has no backups.

JON BRODKIN - 3/18/2019, 1:13 PM

In February 2018, a Myspace support rep told one user,

“There is an issue with all songs/video uploaded over 3 years ago... we are aware of the issue and I have been informed the issue will be fixed, however, there is no exact time frame for when this will be completed.”

A few months later, Myspace had worse news for customers.

“Due to a server migration, files were corrupted and unable to be transferred over to our update site. There is no way to recover the lost data,” a Myspace rep told a different user in an email posted on Reddit.



Andy Baio ✓

@waxpancake

Follow



Myspace accidentally lost all the music uploaded from its first 12 years in a server migration, losing over 50 million songs from 14 million artists.

am I'm trying to connect music from the following al...

Legal - Data Privacy Officer - Internal 1/17/19

Hiho Audio

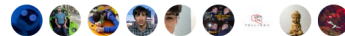
Yes, this is bad. Due to a server migration files were corrupted and unable to be transferred over to our new database. There are ways to recover the lost data.

Thanks,

Jason Scott @textfiles
reddit.com/r/technology/c... Just in case you're wondering how it's going.
[Show this thread](#)

5:42 PM - 17 Mar 2019

6,939 Retweets 13,520 Likes



633 6.9K 14K

RECOVERY FROM BUSINESS PAIN
CANNOT HAPPEN UNLESS YOU
ARE PROACTIVE!

BUSINESS CONTINUITY BENEFITS

Besides avoiding data destruction, good business continuity plans provide many benefits:



PREDICTABILITY



COMPLIANCE
CONSIDERATIONS



OBLIGATIONS
& MANDATES



THE INTANGIBLES!

SLEEP BETTER AT NIGHT



ARMOR'S BUSINESS CONTINUITY SOLUTIONS

Powered by  rubrik

ADVANCED BACKUP

- Site-local Full VM or File/Folder backups, with optional additional offsite storage.
- Can provide multiple restore points.
- Users can restore individual files/folders.
- Recover from malware or ransomware.
- Policies can be configured per-VM.

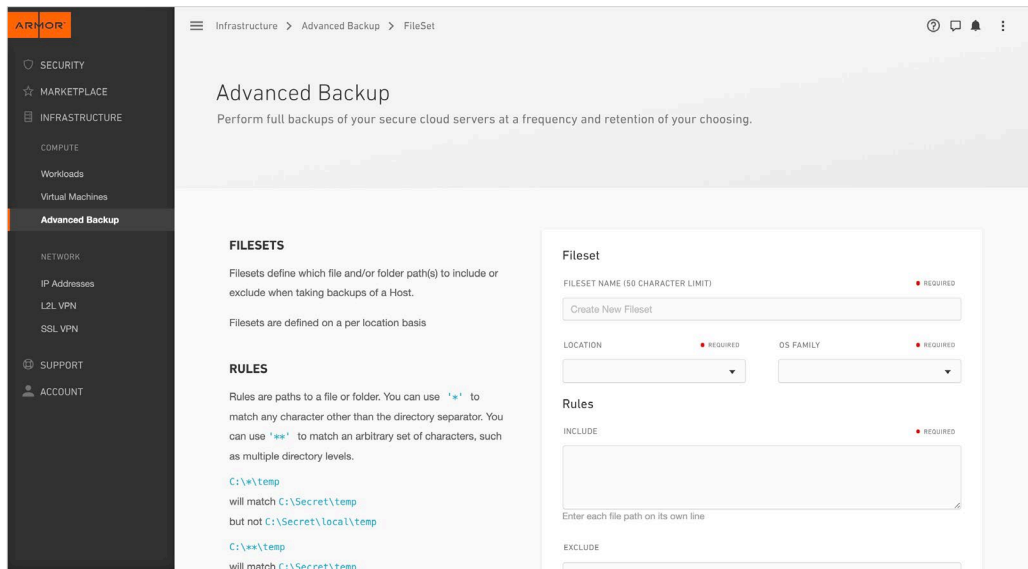
Powered by 

DISASTER RECOVERY

- Full VM offsite data replication.
- Minimizes recovery time in the event of a disaster, to ensure applications are up and running (i.e. service is restored to end customers) as quickly as possible.
- Provides mitigation for physical disasters, since it allows you to failover into another data center/region.

MUTUAL BENEFITS

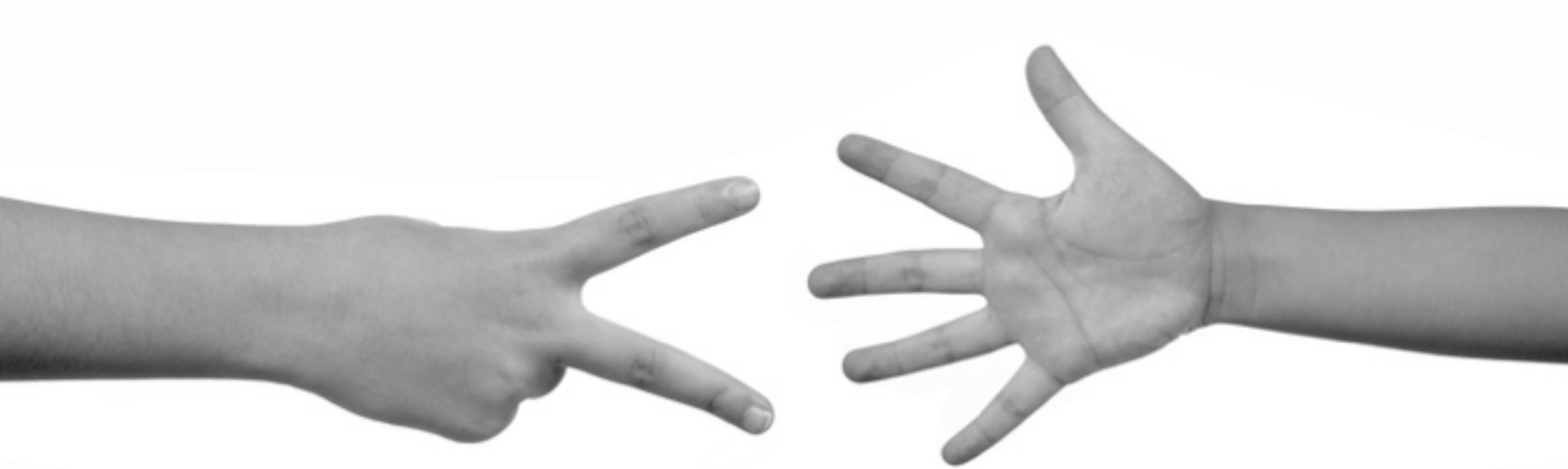
- Self-service configuration & monitoring available now in the AMP portal
 - Enroll any mix of your Armor Complete virtual machines
 - Understand available recovery points
 - Gain insights into costs & billing
- Performant, with minimal performance impacts as recovery points are created



The screenshot displays the Armor AMP portal interface for configuring Advanced Backup. The left sidebar contains navigation options: SECURITY, MARKETPLACE, INFRASTRUCTURE, COMPUTE (Workloads, Virtual Machines, Advanced Backup), NETWORK (IP Addresses, L2L VPN, SSL VPN), SUPPORT, and ACCOUNT. The main content area is titled 'Advanced Backup' and includes a breadcrumb trail: Infrastructure > Advanced Backup > FileSet. Below the title is a brief description: 'Perform full backups of your secure cloud servers at a frequency and retention of your choosing.' The configuration page is divided into two main sections: FILESETS and RULES. The FILESETS section explains that filesets define file and/or folder paths for inclusion or exclusion and are defined on a per-location basis. The RULES section explains that rules are paths to files or folders, using wildcards like '*' and '**' for matching. Below the text are examples: 'C:*\temp' will match 'C:\Secret\temp' but not 'C:\Secret\local\temp', and 'C:**\temp' will match 'C:\Secret\temp'. On the right side, there is a 'Fileset' configuration form with fields for 'FILESET NAME (50 CHARACTER LIMIT)', 'LOCATION', 'OS FAMILY', 'INCLUDE', and 'EXCLUDE'. Each field has a 'REQUIRED' indicator.

IMPLEMENTATION CONSIDERATIONS





WHICH SOLUTIONS YOU CHOOSE
DEPENDS ON WHAT YOU VALUE.

WHAT DO YOU VALUE THE MOST?

1

PRIORITY

Which are your mission-critical applications?
Are you protecting your end business, or your customers?

2

SCOPE

What needs to be backed up?
What can you get away with not backing up?

3

SPEED

Do you have constraints that drive your RPO / RT0?
Can certain applications recover more-slowly in order to save cost?

WHAT DO YOU VALUE THE MOST?

4

SCALABILTY

How many workloads do you want to protect?
Do you have budget constraints?

5

COMFORT

Which solution (or mix) provides maximum peace, so you can apply your focus on different priorities?

Q & A

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THANK YOU.

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