

Ransomware protection strategy secure your backup with Veeam

Marcin Dudziak Inside Systems Engineer | Veeam

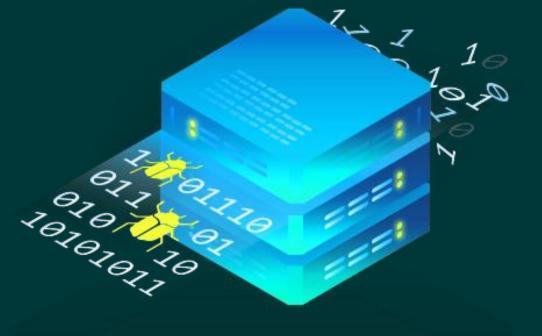
Ransomware is the worst kind of disaster



of companies have experienced at least 1 ransomware attack in the past year* of companies were able to recover without paying the ransom^{**} of companies paid the ransom but didn't recover their data



Ransomware is REAL





Ransomware is a

DISASTER



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What are you most concerned about with ransomware?







Unable to service customers

Brand damage

Loss of profits



How are you protecting?







Good luck

Anti-malware

Oh, that's very complex



What's your plan in the unfortunate event?







Execute plan

Give up

Pay the ransom



Draw Up Your Battle Plans!





Layered defense!

There is no one magic bullet!



Attackers only need to be right once!



Defenders need to be right all the time!

Secure Backup is your last line of Defense





Data Management Protection Strategy









or immutable

No errors after backup recoverability verification

VEEAM

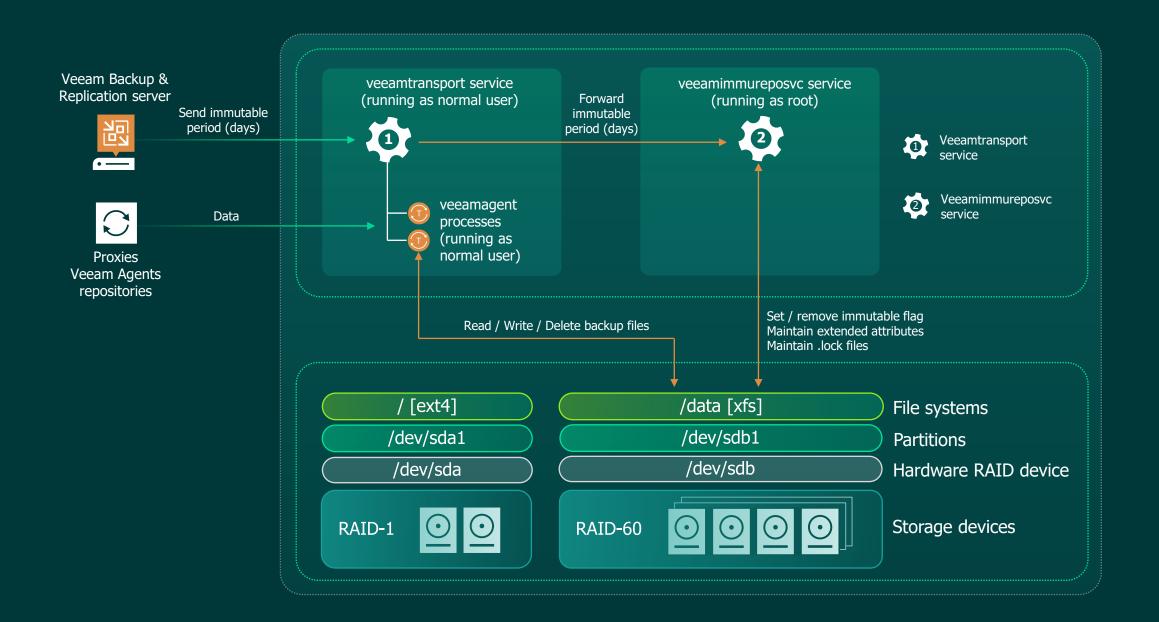


Offline, Immutable & Air-gapped

Likely the single most effective resiliency technique is to have some form of offline storage tape, removable disk, etc. as an ultra-resilient copy.

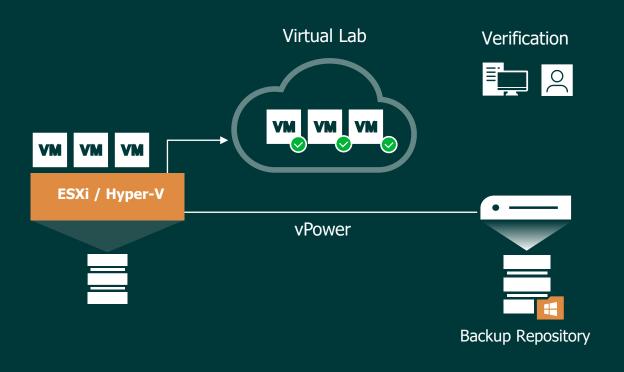
Media type	Characteristic
Tape media	Completely offline when not being written to or read from and WORM
Replicated VMs	Powered off and, in most situations, can be a different authentication framework (ex: vSphere and Hyper-V hosts are on a different domain)
Primary storage snapshots	Can be used as recovery techniques and usually have a different authentication framework
Veeam Cloud Connect backups +Insider Protection	Not connected directly to the backup infrastructure and uses a different authentication mechanism along with different API
Rotating hard drives (rotating media)	Offline when not being written to or read from (similar to tape)
Immutable Backups	Backups in AWS S3, Azure Blob, some S3-Compatible storage and HW appliances can keep backup data immutable
Hardened Linux Repository	Linux immutable flag on Veeam backups

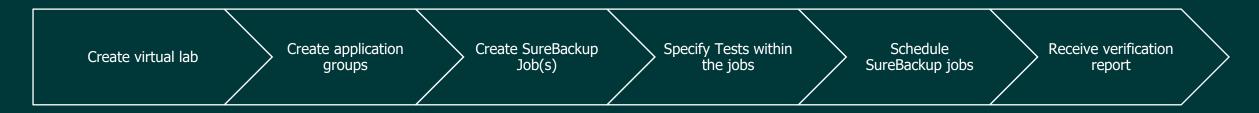
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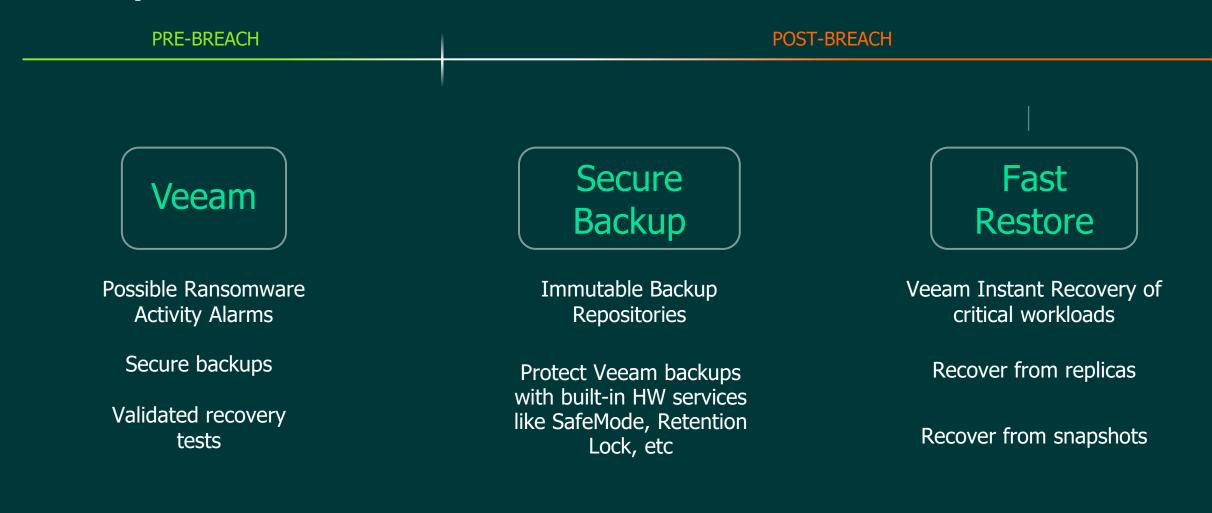
SureBackup

- With SureBackup technology you can automatically verify the recoverability of every backup.
- 1. Starts VMs in an isolated Datalab environment
- 2. Performs a set of tests
- 3. Sends a status report to your mailbox





Complete Ransomware Protection









When you just want to check off the box





Thank you!

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