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Petri Webinar Brief
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Five Key Data Protection Considerations for your move to AWS

Five Key Data Protection Considerations for your move to AWS

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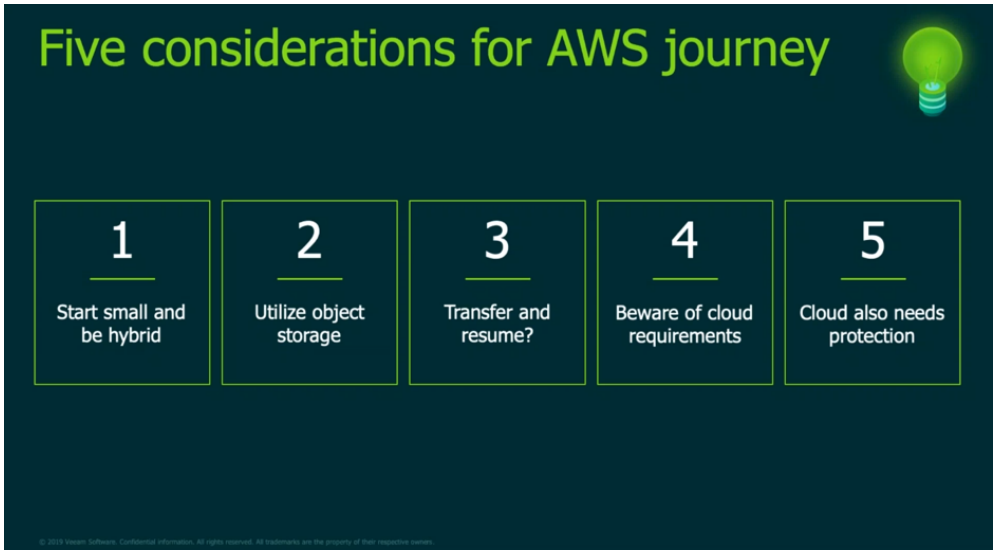
Overview

Data protection is your responsibility, no matter where your data resides—including the cloud. In your journey to Amazon Web Service, five key considerations can help you simplify and accelerate your move. Join Veeam experts as they share their insights to protect your on-premises and AWS data against accidental deletion, data-level security threats and outages, and ensure the consistent availability of business-critical data and applications.

In this tech brief we will cover:

- Why the "lift and shift" strategy isn't always the best
- How to keep up with ever-growing data sprawl
- How to avoid the most common mistakes on the cloud journey

5 Key Takeaways



1. Start Small and Be Hybrid

When considering your move to AWS, it's important to set your expectations correctly. While migrations may seem easy on paper, the reality is that they can be complex when you consider permissions, compliance, and security.

Depending on your operations, a "lift and shift" strategy may not always be the best answer. Andrew recommends that replicating your on-prem virtual environment in AWS may be the best first step to help you get your feet wet before you do a more granular migrations for other applications.

And by going with a replication of your virtual environment first, this facilitates an easier means to backup, recover, and replicate your virtual workloads. Start easy and then ramp up the complexity as you become more confident in your migration journey.

2. Utilize Object Storage

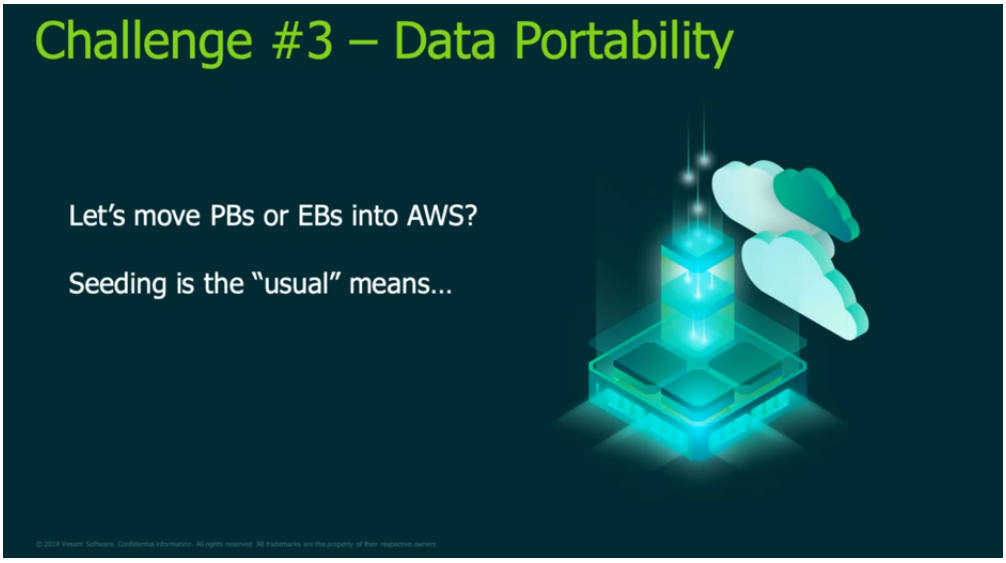
Data growth is a problem that is not going away anytime soon. Organizations are creating more data that must be stored for not only business operations but also compliance reasons too.

Because of this growth in data, it's important to identify which data is mission critical. Once you have a complete understanding of what data is needed and when it is typically accessed, you should review the storage offerings by AWS.

Amazon currently offers six tiers of storage with variable costs involved. By identifying which data can be stored on each tier, you can make you move to AWS more cost effective.

3. Transfer and Resume

One of the key challenges when migrating to AWS, or any cloud, is data portability. You want to be able to easily move your data, not be locked into a vendor, and at the same time, remain operational as well.



Once your data is moved, you need to consider how you are going to access and continue to refresh that information. Meaning, if your data is part of your backup chain, how are you going to keep rehydrating that information and not let it become stale?

4. Beware of Cloud Nuances

As organizations look to establish or advance their cloud usage, three critical use cases must be considered: mobility to the cloud, data recovery, test and development.

If you are investing heavily into AWS for operational activities, especially for disaster recovery aspects, you need to consider hardware requirements, system dependencies, how you are going to test your new recovery chain, and how you are going to orchestrate all of your recovery processes.

While AWS has its own unique features, every cloud is different, and one solution may not replicate well across clouds.

5. Cloud Protection is a Must

Even though every cloud vendor pitches that their data centers are redundant, the 'cloud' is just someone else's computers: outages will occur. You need to prepare your environment for a cloud outage because the cloud operates on a "shared responsibility model".

What this means is that backing up AWS to AWS may not be a good idea, if there is an issue with AWS,

it could easily take out both your production and backup environments. And you can't forget about compliance either, simply putting your data into the 'cloud' does not mean that it is compliant to local regulations.

Demo:

During the webinar, Andrew provides a detailed look at Veeam's tools and how they can help you move to AWS securely and safely.