

Availability with Microsoft Azure and Veeam

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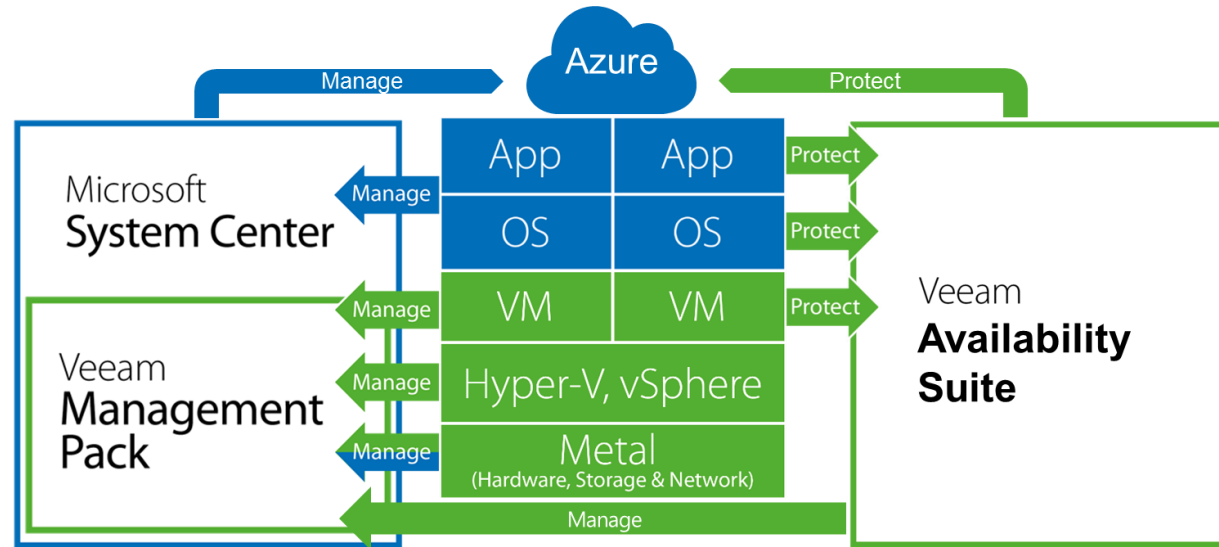
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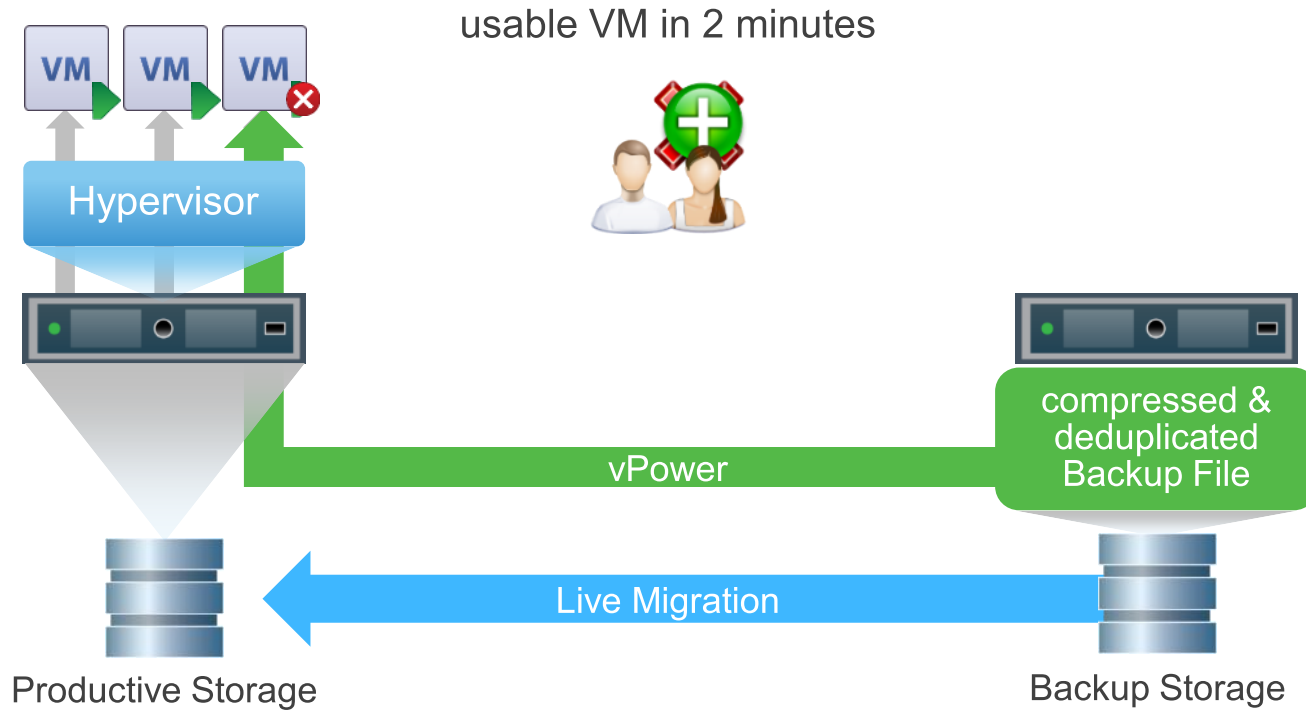
Veeam and Microsoft... a long story

Veeam Solutions have evolved along with Microsoft

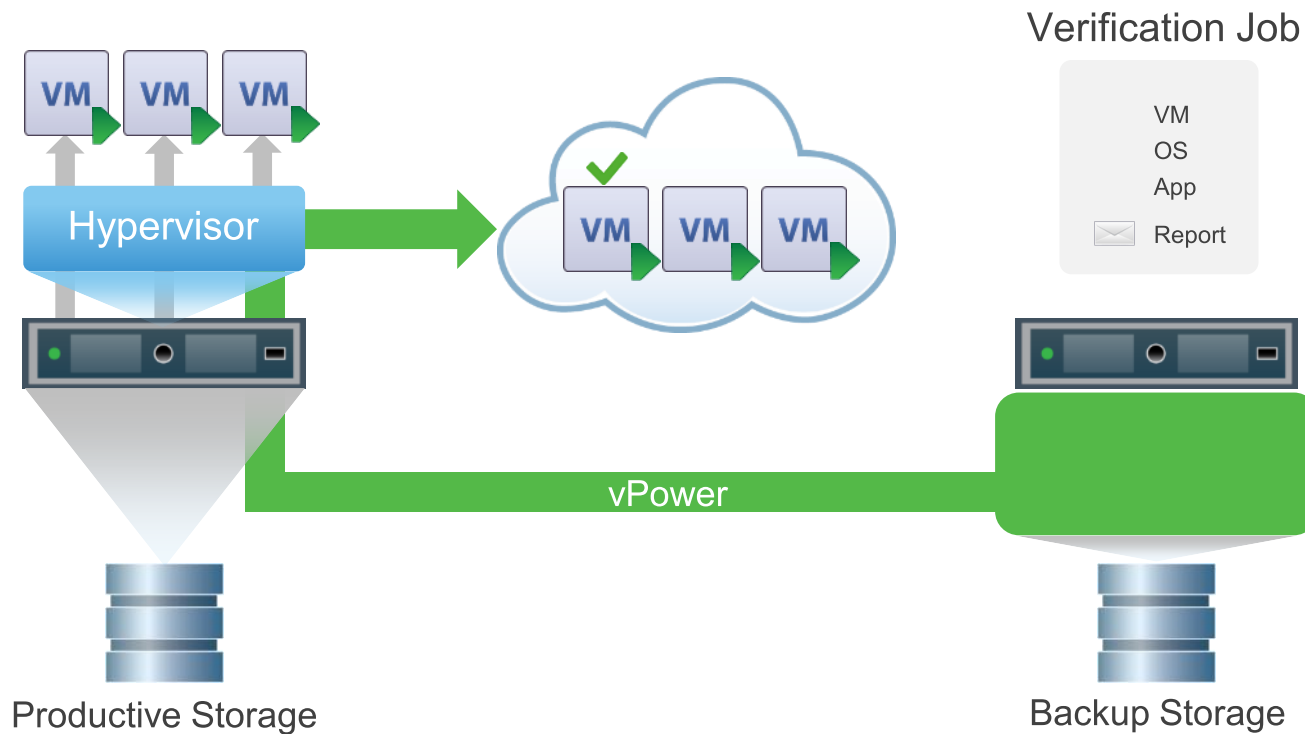
- Veeam MP for System Center since 2008
- Hyper-V support in 2011 for Backup & Replication, One, then MP
- Azure and StorSimple support in 2014



Instant VM Recovery

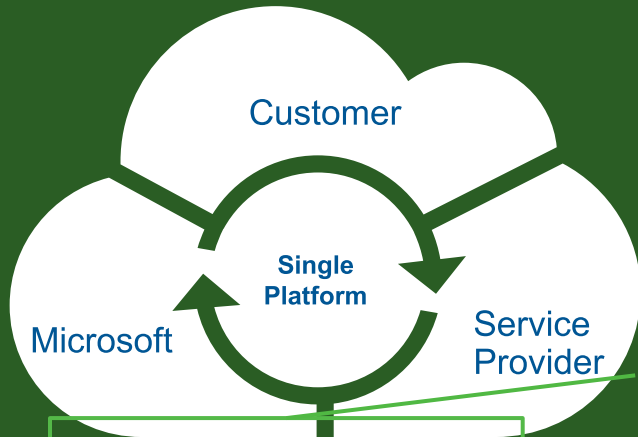


Sure Backup



A shared vision of hybrid Cloud

VEEAM



- Externalization to Azure
- 3-2-1 rule made easy
- Integrated with StorSimple

Enterprise Ready

- Protect
- Optimize
- Integrated with System Center and StorSimple

Hybrid

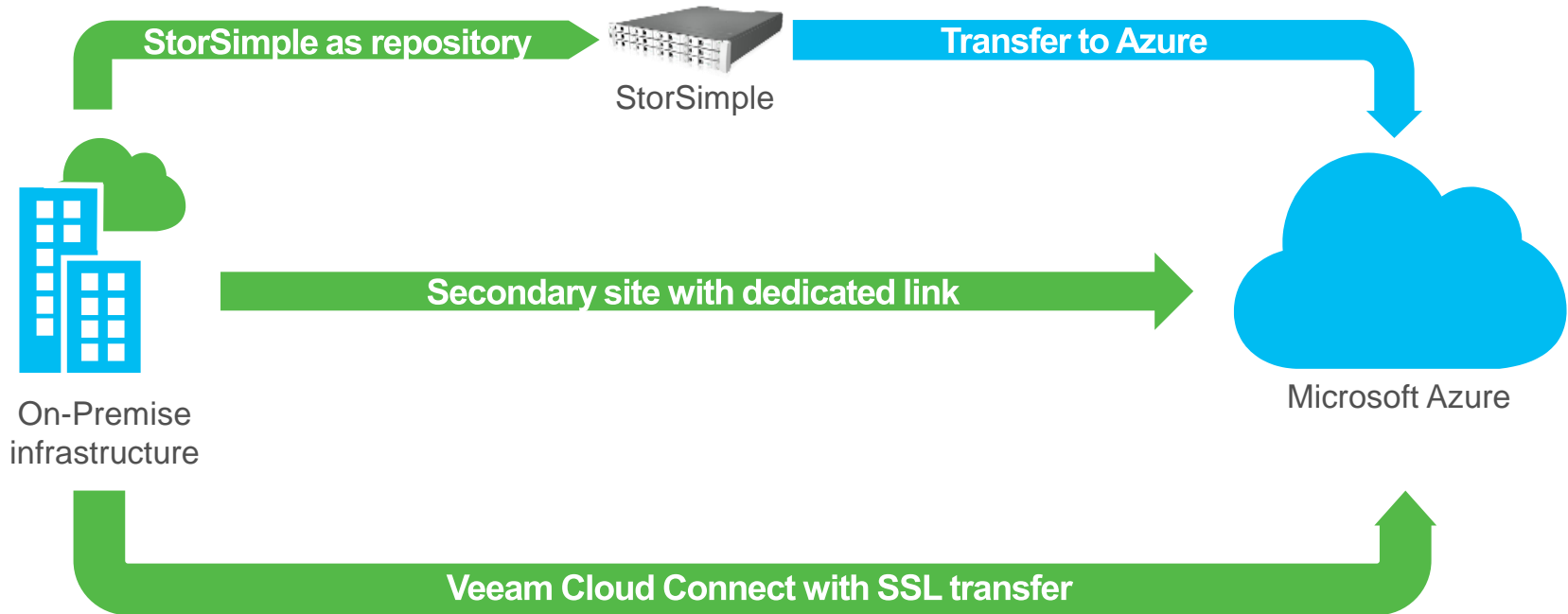
People-focused

- New Services
- Advanced Reporting
- Protect
- Optimize

Why Microsoft Azure + Veeam for you?

- Externalize VMware and Hyper-V backups to Microsoft Azure
- Follow the 3-2-1 rule... where the « 1 » is usually the problem
- Solve the long term retention headache
- Rely on proven solution from Veeam and Microsoft
- And Reach your availability needs

The solutions



3 ways to externalize

How do you do it?

Solution 1

Dedicated link

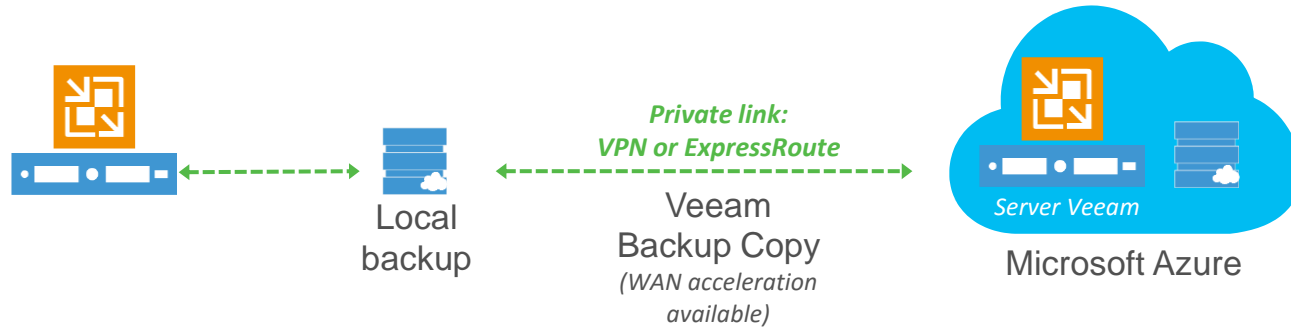


On-Premise
infrastructure



Microsoft Azure

Solution 1: Externalize with a dedicated link



Configure Azure as a Veeam secondary site

Benefits:

Deployment without any extra license cost
Applicable to all users

Limit:

Dedicated link necessary, with impact on performance and possibly workload.
Can be complex on multi-location infrastructures

Services used for solution 1

Azure

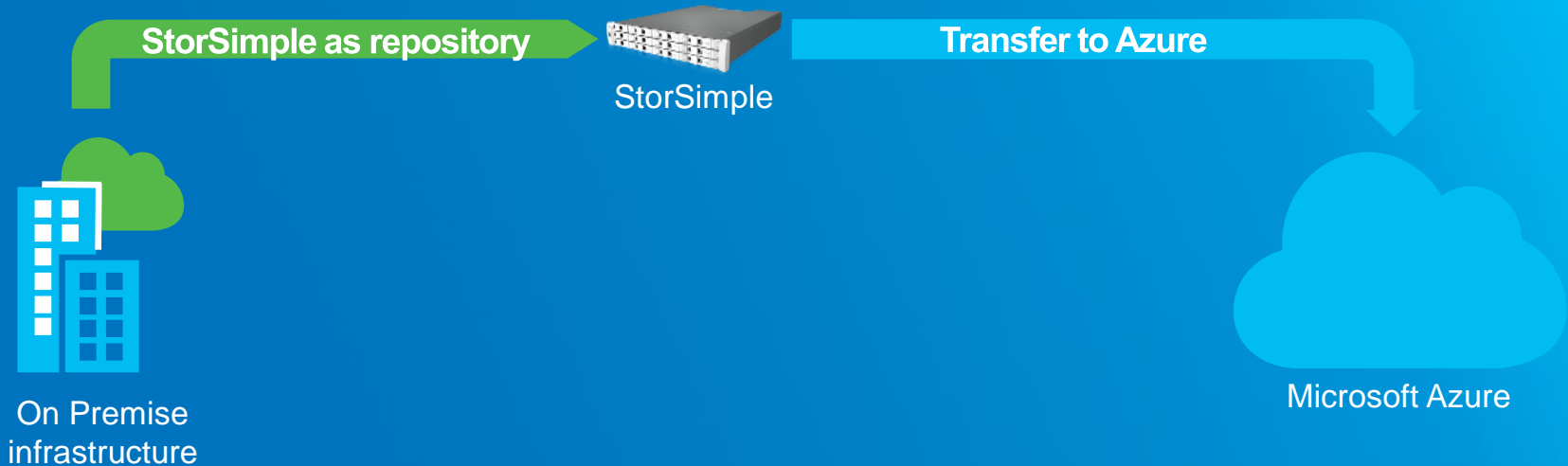
- Private network (vNet) in Azure - Free
- [VPN](#) (or [ExpressRoute](#)) – Paid
- [Virtual Machine](#) in Azure Veeam – Paid (varies based on number and size of VMs)
- [Attached storage](#) – Paid (varies based on volume)

Veeam

- Veeam Backup & Replication

Solution 2

StorSimple



Solution 2: Externalization with StorSimple

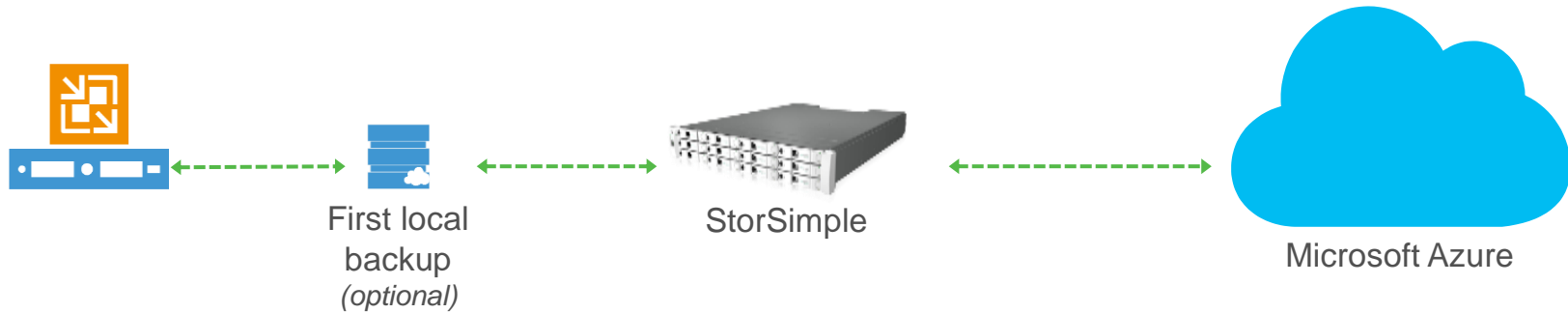


Specifications (8000 series)

Model Number	8100	8600
Usable Capacity	15TB	40TB
Usable SSD Capacity	800GB	2TB
Effective Local Capacity ¹	15-75TB	40-200TB
Max Capacity (including cloud)	200TB	500TB
Network Interface Cards	2 x 10G and 4 x 1G	
Enclosure Form Factor	1 X 2U	2 X 2U

1 Based on deduplication and compression; may vary by workloads and data types

Solution 2: Externalisation with StorSimple



Benefits:

- Storsimple externalize automatically and transparently
- Ideal for large volume with usage of Azure native storage
- Ideal for customers who externalize more than their backups
- Flexible architecture

Limits:

- Minimal volume needed to justify the cost
- Appliance to deploy and maintain

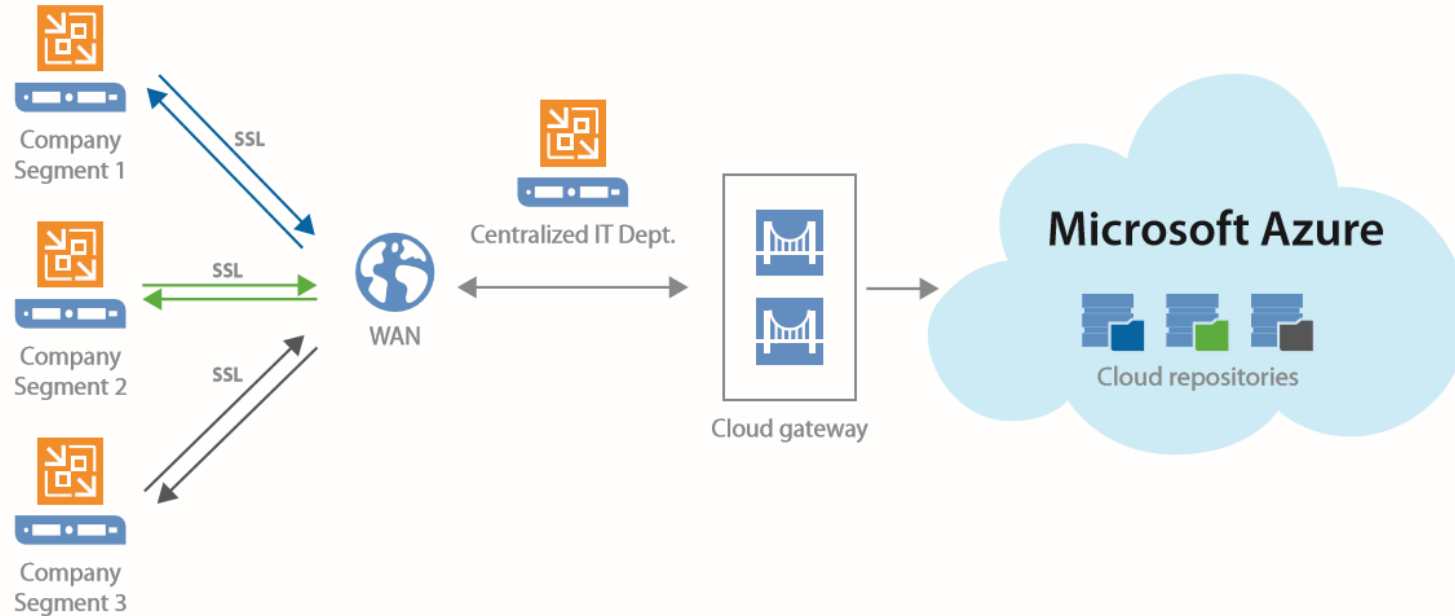
[Configuration
Guide for
Veeam + StorSimple](#)

Solution 3

Cloud Connect for Enterprise



Solution 3: Veeam Cloud Connect for Enterprise

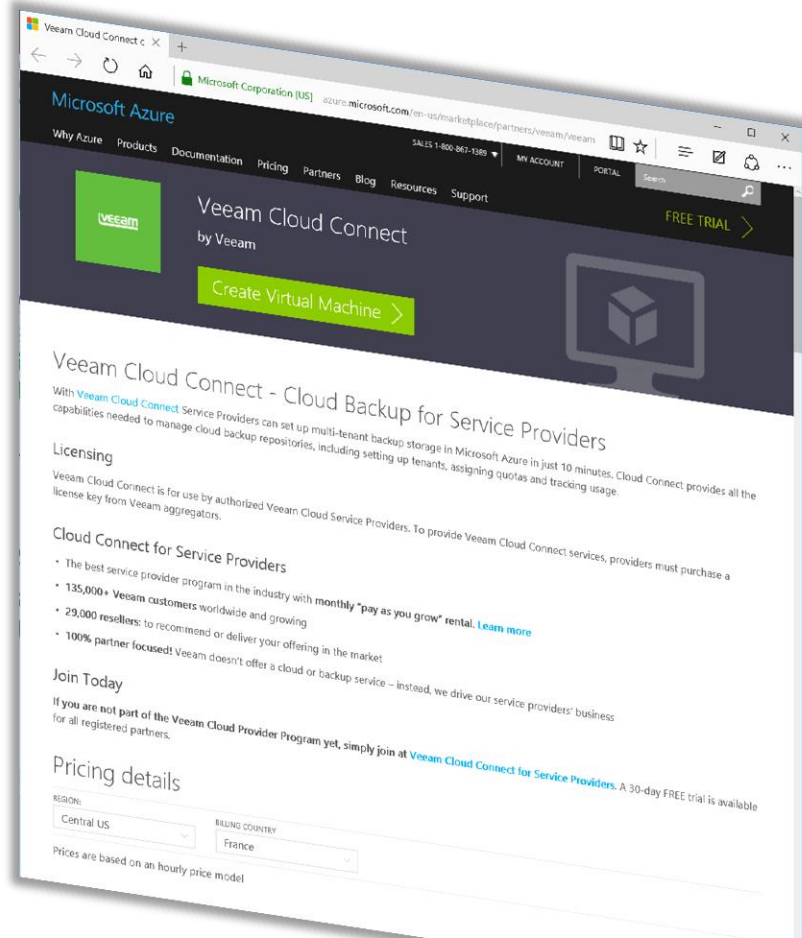


The solution to offer Centralized IT connectivity to Microsoft Azure for each of its company segments

What is Veeam Cloud Connect?

A technology allowing Veeam users to access **multi-tenant and easy-to-use** solutions to **externalize** backup

- Add-on to Veeam Backup & Replication
- Multitenant
- Available in the Azure Marketplace
- Externalize with a standard Internet connection, including with WAN acceleration



Use easily Azure as a repository

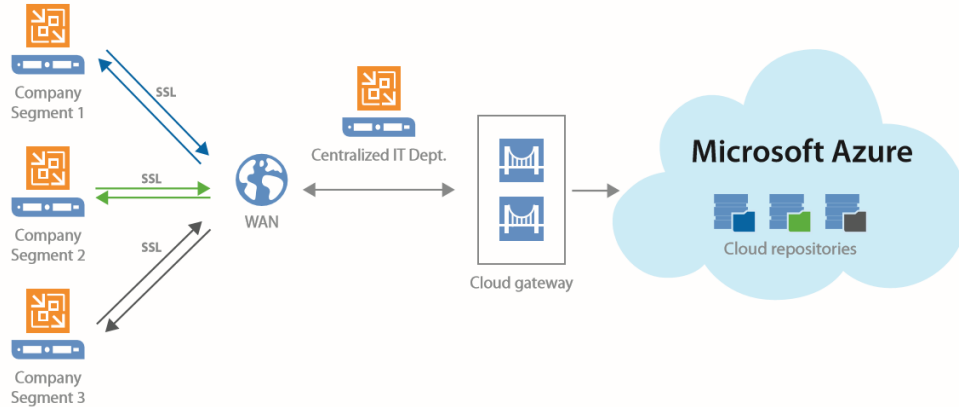
Visibility within the Veeam usual console

Cloud infrastructure details:

- Cloud gateway: connect over SSL – no more VPN!
- Multi-tenant support
- Automation
- Management of resource allocations
- Scale-out architecture

Can be deployed automatically from the Azure Marketplace

Solution 3: Veeam Cloud Connect



Benefits:

Easiest way to externalize to Azure

Ideal for multi-site configurations

You keep the same interface and console

Solution deployed in a few clicks from the Azure Marketplace

Limit:

Not the best for the very large volume of data from a single location

Customer pre-requisite: has a Microsoft Enterprise Agreement *or* buys at least hundred Veeam licences

Services used for Solution 3

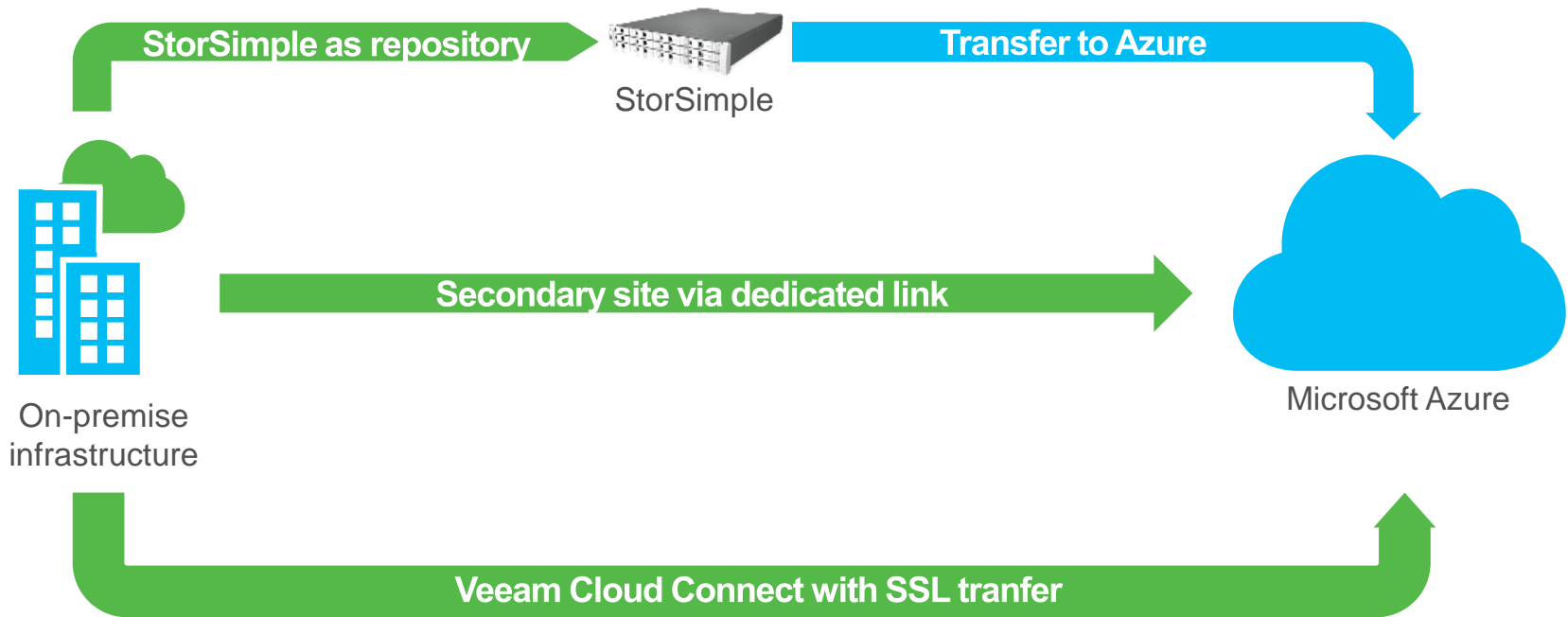
Azure

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Veeam

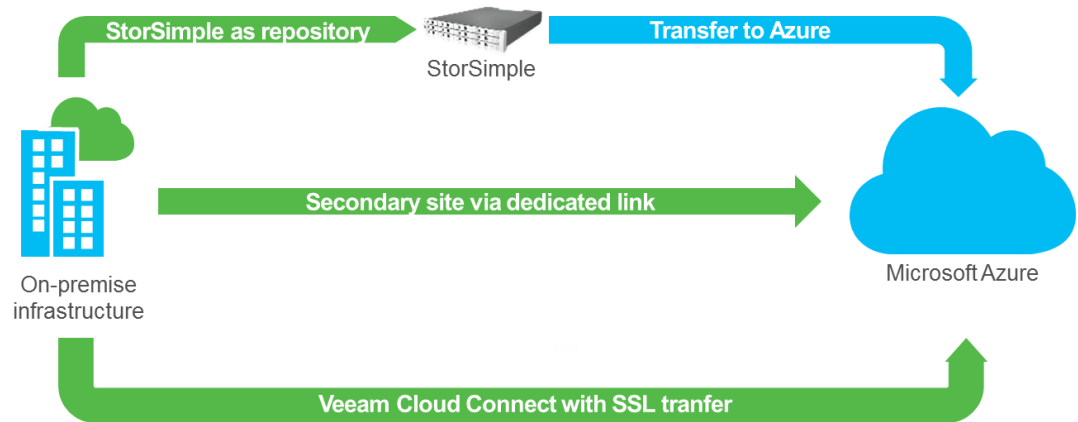
- Veeam Backup & Replication
- Veeam Cloud Connect

What is right for you?



Conclusion

1. Define the most adapted offer for you
2. Test!
3. Contact us to help you
4. Deploy and get the best Availability for your data!



Thank You