Small Business Cloud Adoption

Hybrid World Examples

November 2022

Agenda

- A few words about cl8
- Hybrid Reference Architectures and Best Practices
- Examples and best practices
- IaaS, DRaaS and Multi-Cloud
- Next steps

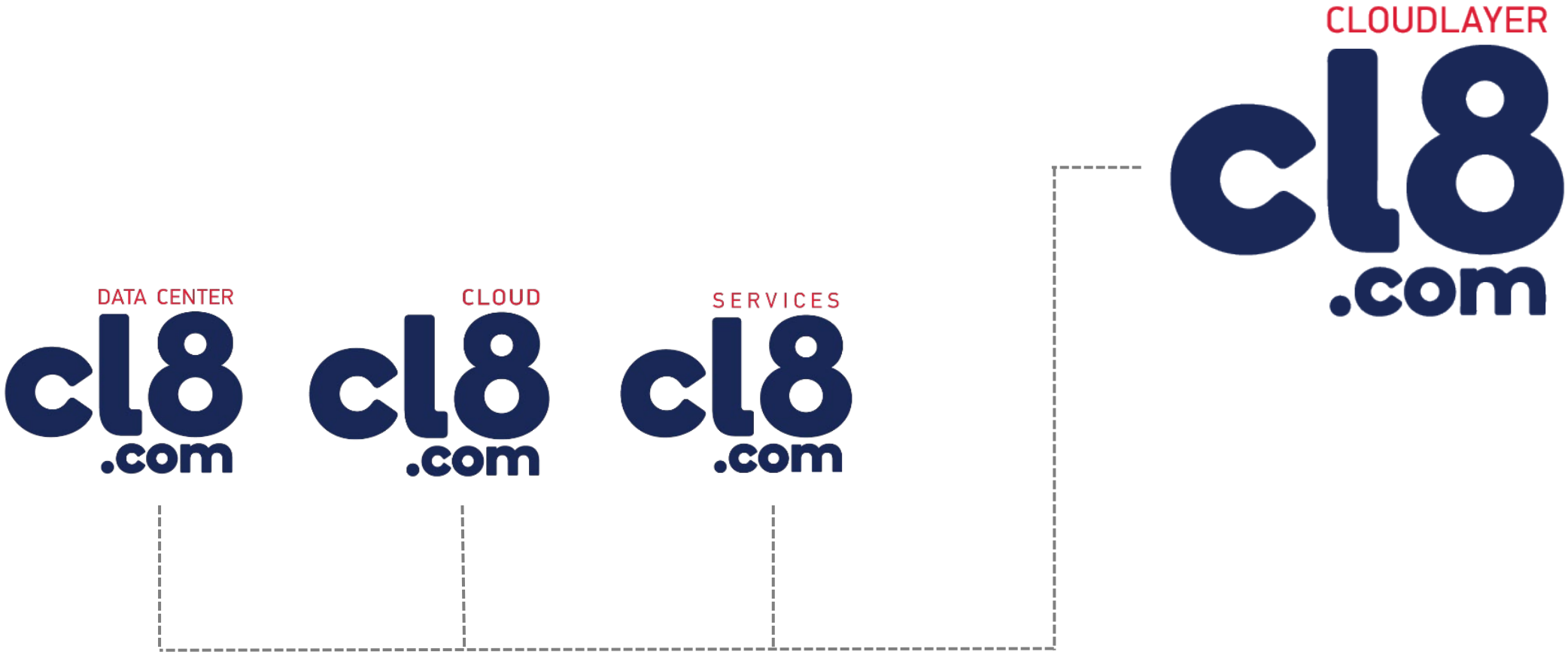
CLOUDLAYER cl8 .com

A few words about CL8

Why CL8?

- Cloudlayer8 (CL8) is the only carrier neutral, state of the art Tier III Data Center in Cyprus offering cutting-edge Data Center Services, Cloud and Managed Services.
- The company's mission is to provide secure, scalable and highly available Data Center services to businesses where Information Technology is critical to their business success.
- Cloudlayer8 strategy is to offer a unified, secure architecture with the public cloud to customers. Cl8 aims to be the cloud provider and datacenter of regional customers and the Cyprus Government.
- Build on Operational Excellence

3 Pillars



Certifications

why CL8...

Decision Criteria

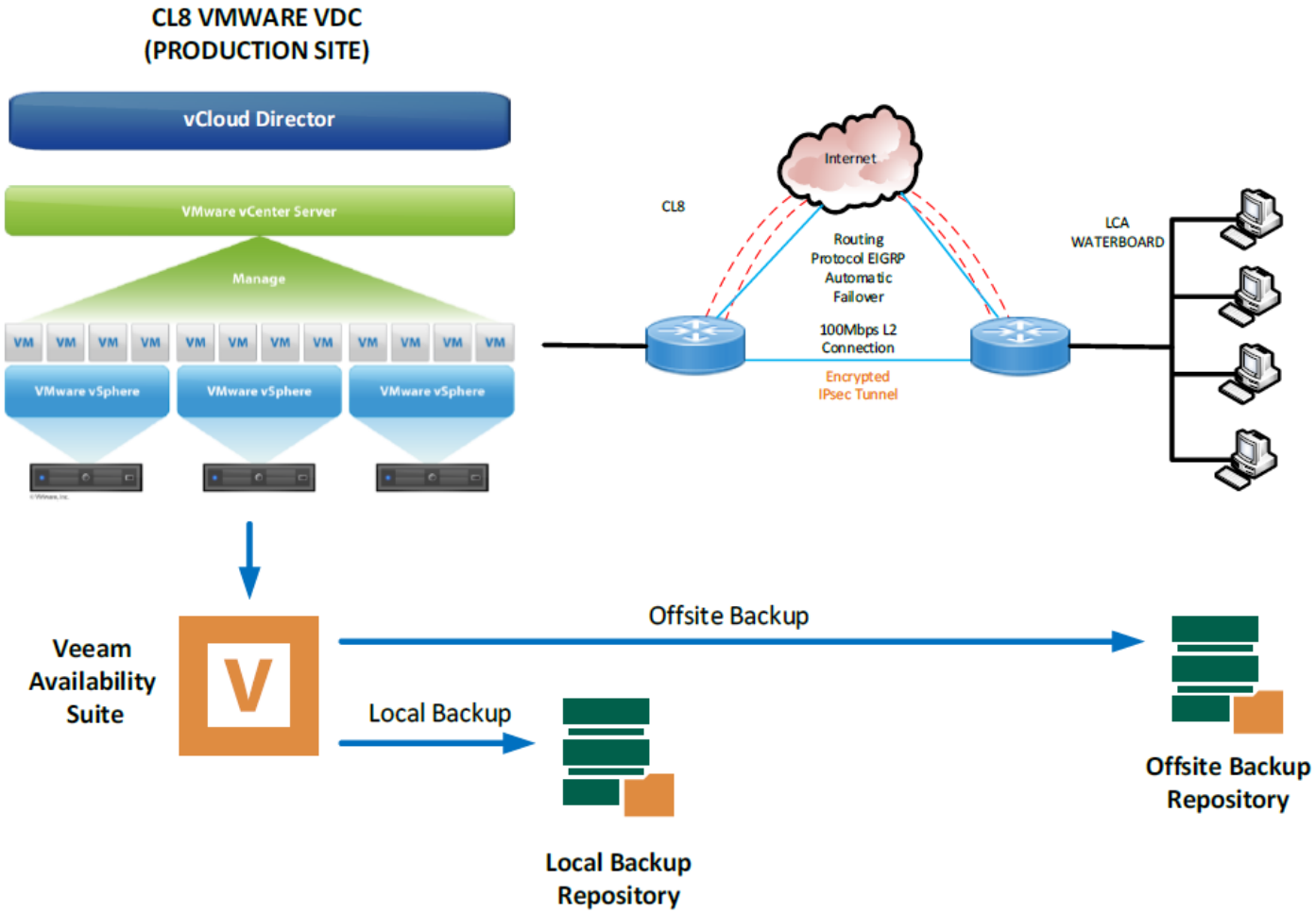
- TIER III Certified Data Center
- Carrier Neutral Multiple ISPs, Multiple Paths
- DDoS Protection by leader vendor
- CY IX: member of the Cyprus internet network
- NoC 24/7/365 Support, Real people, Real Time
- SLA for provided services, money back guarantee
- Data Center, Cloud & Managed Services
- Team of highly qualified professionals
- Highest Standards and Certifications
- Packaged and Custom Solutions

This is who we are

Hybrid Reference Architectures
Examples and Best Practices

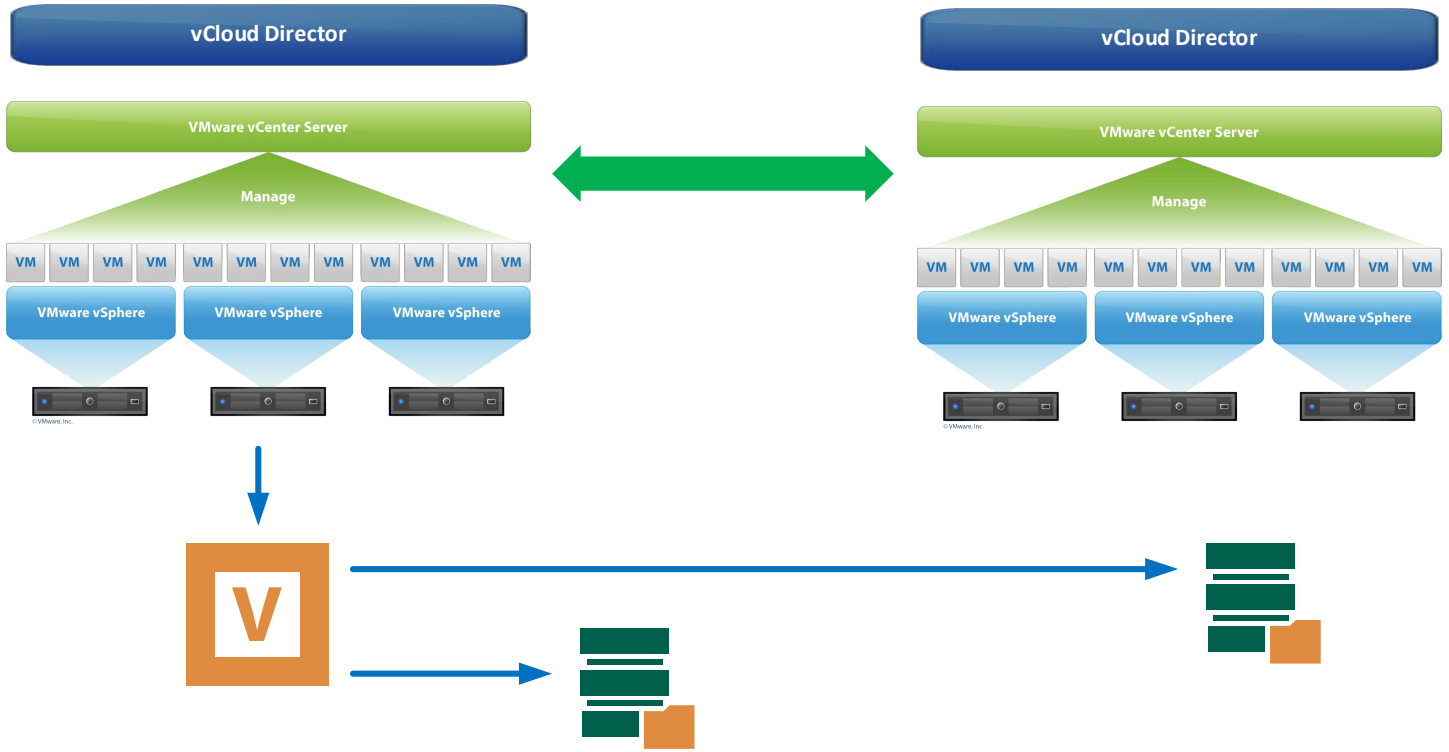
IaaS - VMware VDC Cloud Only Datacentre

- Cloud benefits
- Keeping Flexibility
- High Available Connectivity
- Data protection best practices



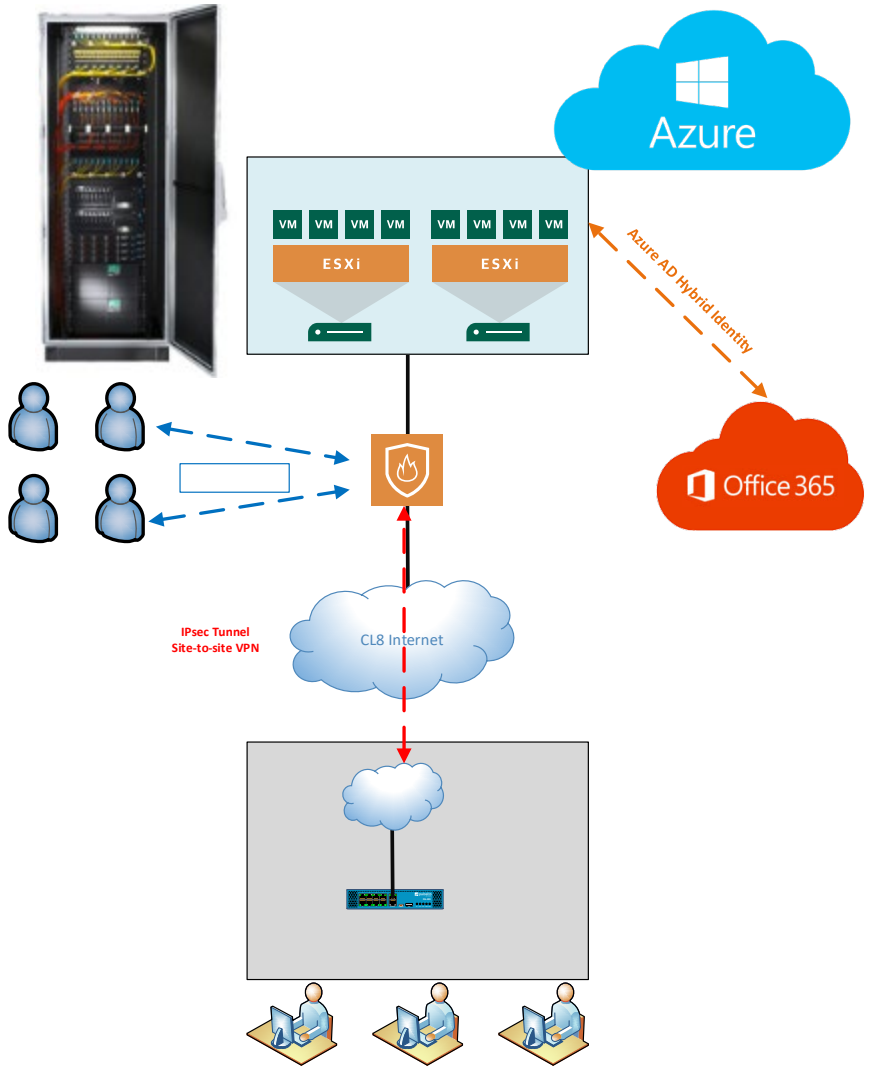
IaaS - VMware VDC Stretched at a Second Datacenter

- Improved Availability
- Cost effective replication
- Worry free test, recovery and failback
- Data protection best practices



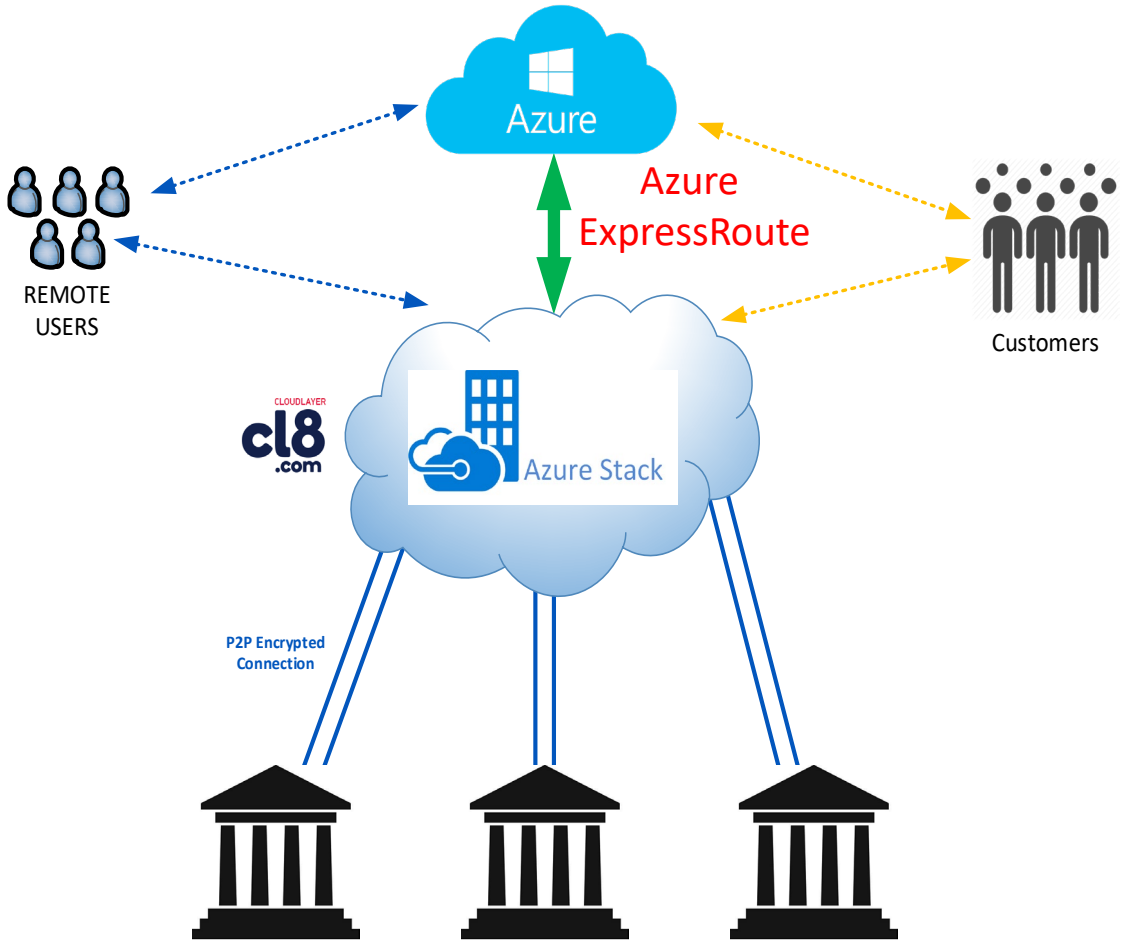
IaaS Hybrid Architecture Combined; All Worlds Combined

- Cloud and Datacenter benefits
- Max. Flexibility
  - IaaS
  - SaaS
  - Bare Metal
  - Collocation
  - Hyperscalers
- High Available Connectivity
- Data protection best practices
- ***Multi-Cloud in one Cloud ☺***



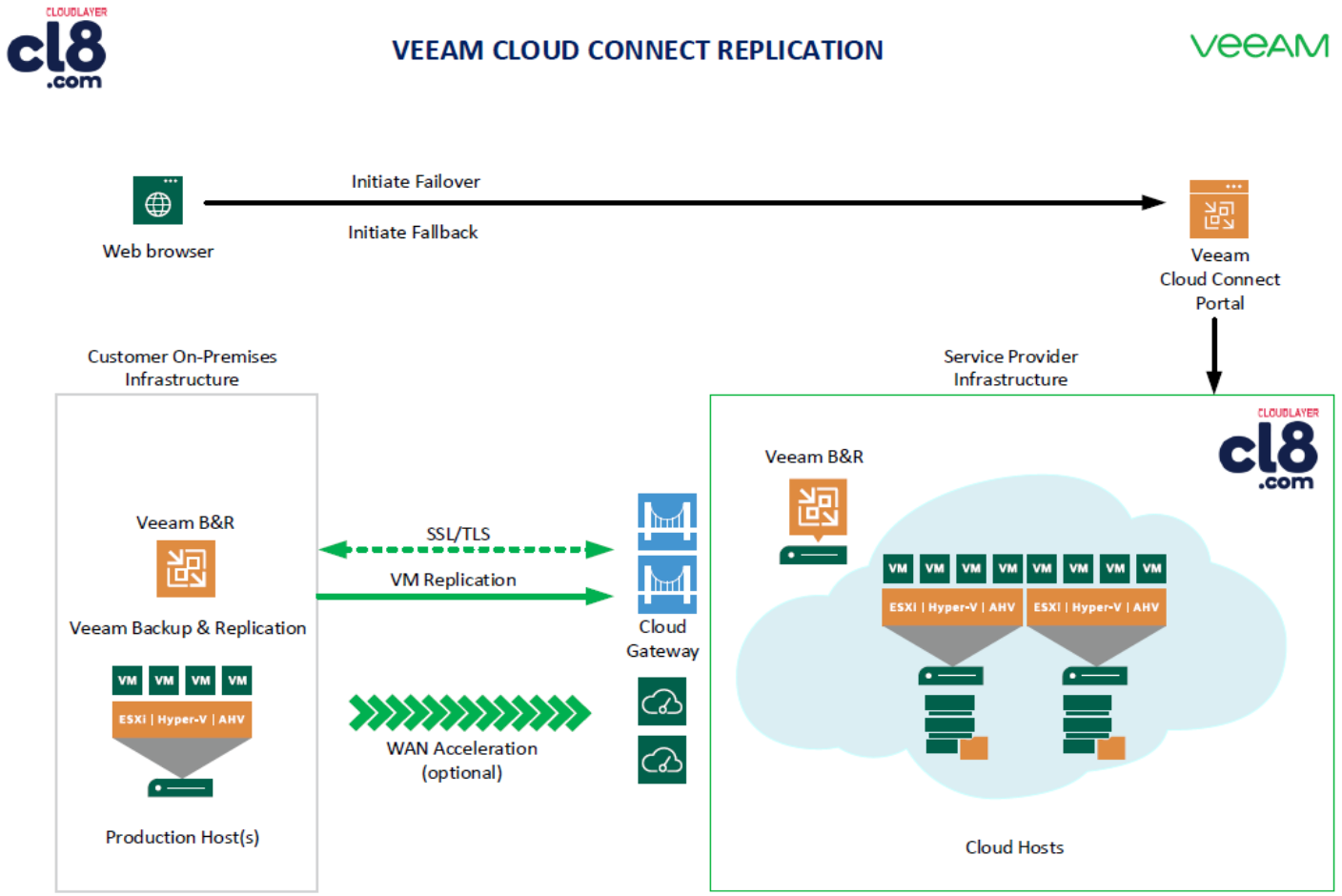
Hyperscalers Solutions; Hybrid Azure Example

- We can host Azure Stack HCI or Azure Stack
- Extend to public cloud
- Optimized services and data location
- Express Route potential



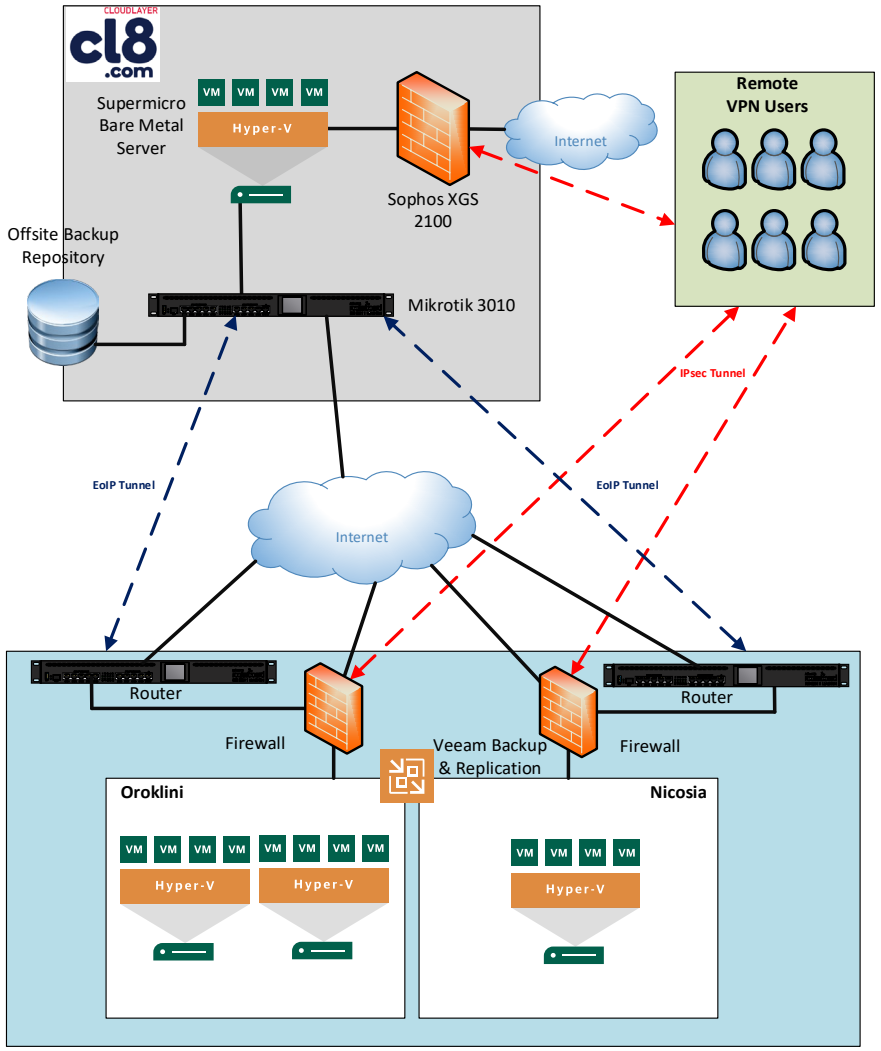
DRaaS Reference Architecture

- Improved Availability
- Cost effective Disaster Recovery
- Simplification and Speed
- Worry free test, recovery and failback
- Data protection best practices
- Compliance, e.g. ISP 27001 and other prerequisite



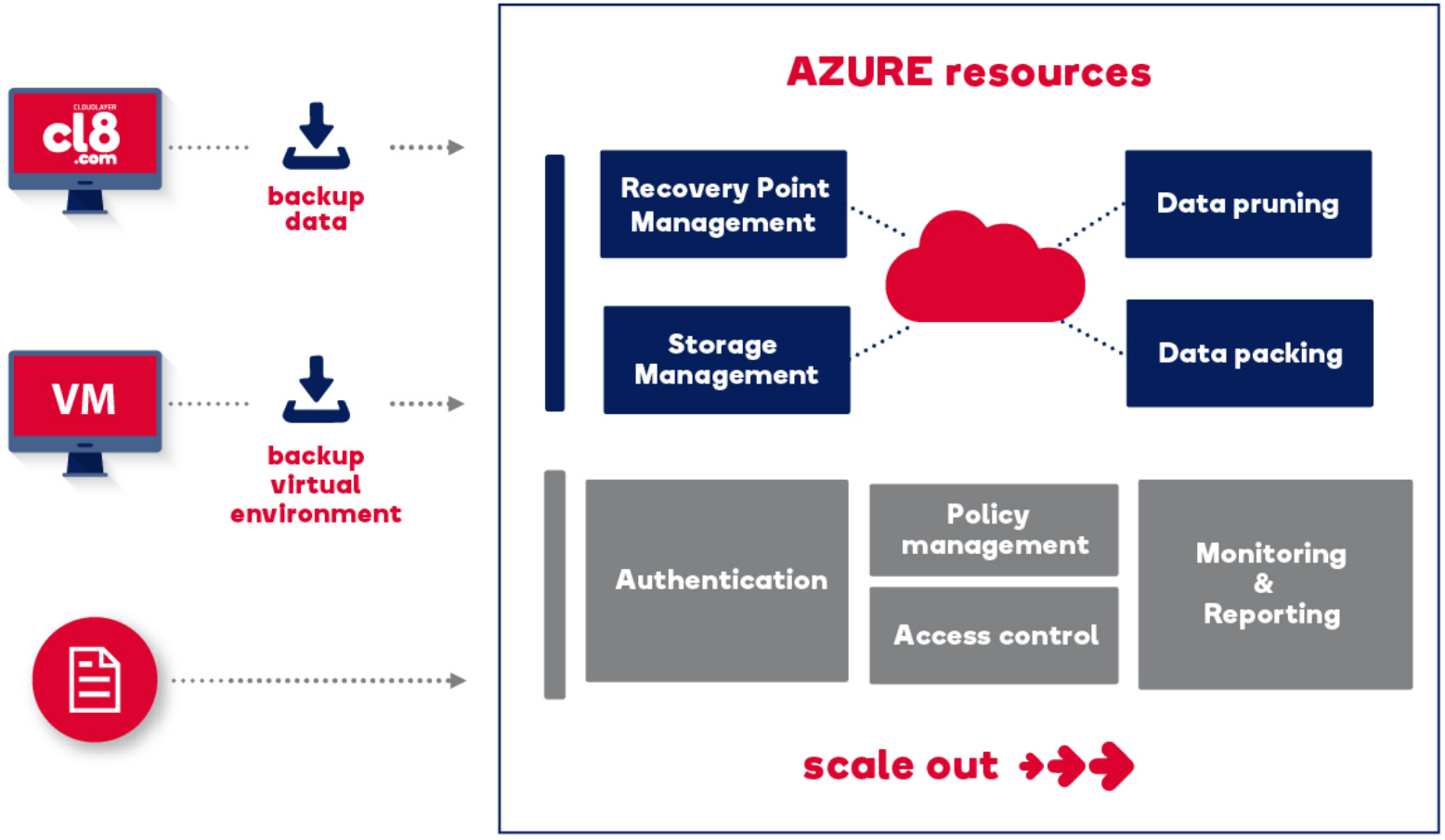
Custom DR Architecture

- Multi-Platform support
- Top flexibility
- Cost effective Disaster Recovery
- Simplification and Speed
- Worry free test, recovery and failback
- Data protection best practices
- Compliance, e.g. ISP 27001 and other prerequisite



Azure Site Recovery Architecture

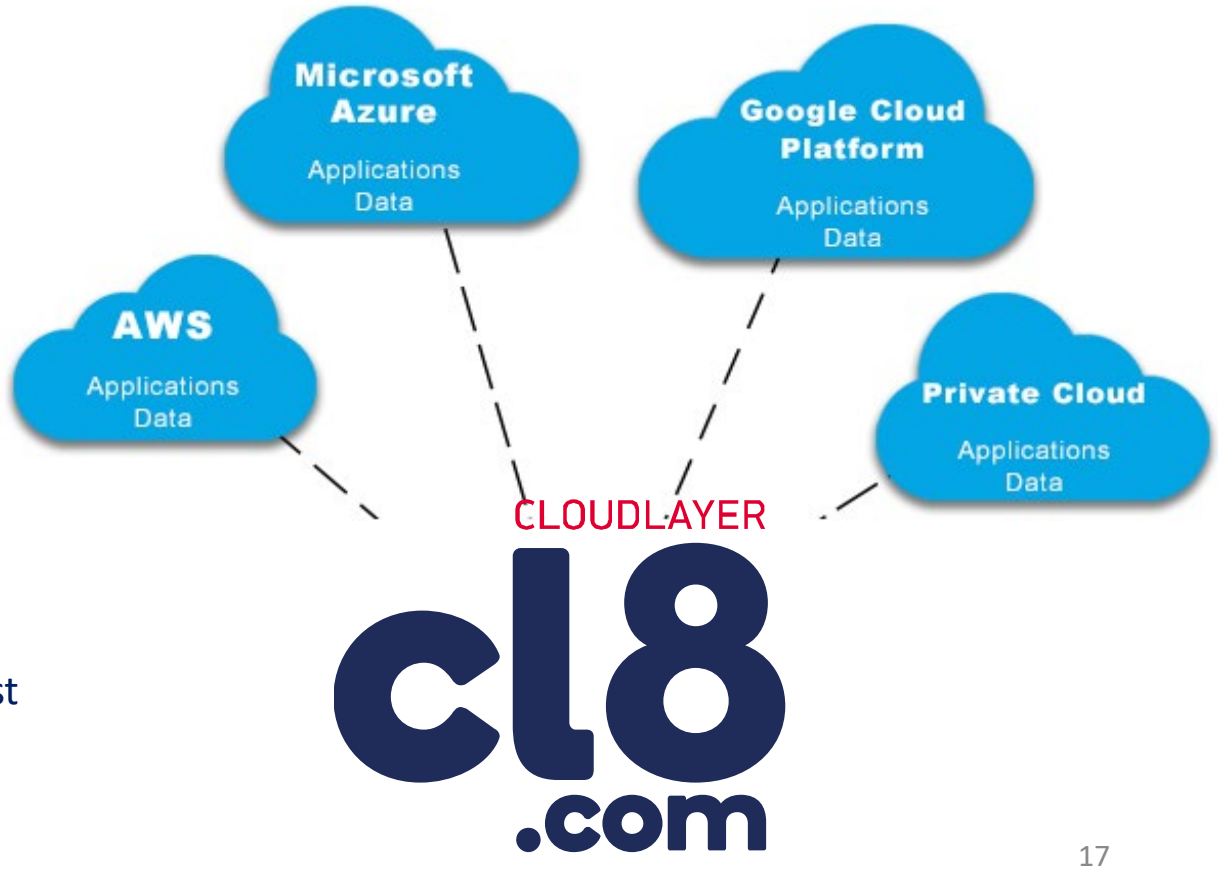
- Overseas protection and recovery
- Improved Availability
- Cost effective Disaster Recovery
- Simplification and Speed
- Worry free test, recovery and failback
- Data protection best practices



Cloud & Data Center Architecture

Realizing the benefits requires a solid strategy to map out opportunities, requirements, solutions and Cloud Providers!

- **Private Cloud (Virtual Data Center)**
- **Colocation Services (HW/Network, Azure Stack / HCI)**
- **Bare Metal / Dedicated Servers**
- **Cloud Storage & Cloud Backup solutions**
- **Managed Services**
  - ✓ Consulting, design, Implantation, Support
- **Business Continuity Services**
  - ✓ Hot Seats / Cold Seats
- **Management tool:**
  - ✓ Simulate migrations, inventory, security, migration, cost forecasting



Multi-cloud – Hybrid – On-Prem Single Vendor Approach

Thank you!

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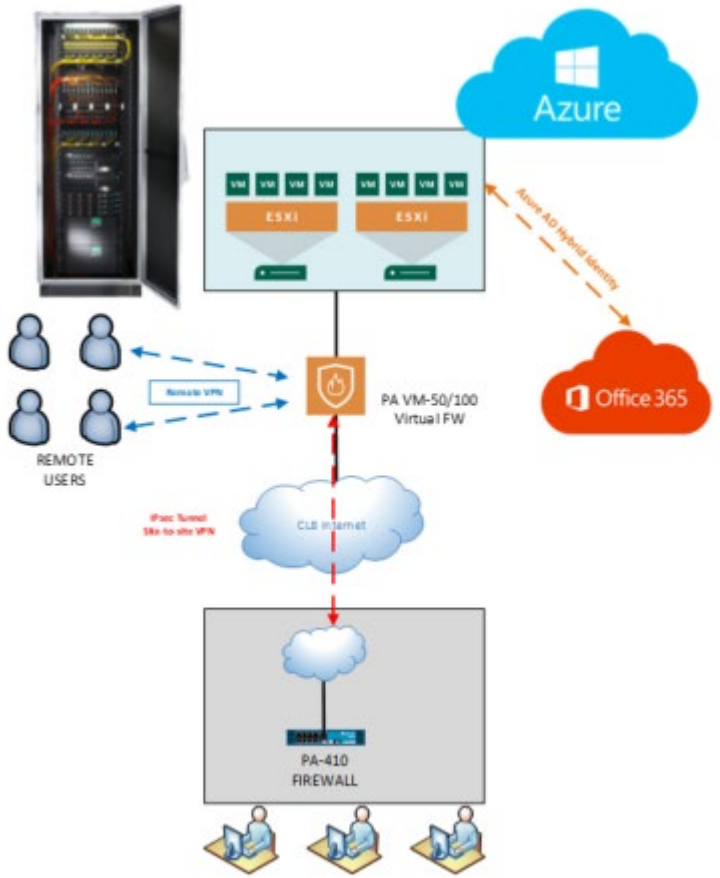
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