VPN-Cubed™

Your bridge to confident cloud-computing

cohesiveft.com/vpncubed

CohesiveFT Update

- We are not a cloud. We are a virtualization and a cloud-computing complement

- Our automated Elastic Server® factory helps individual developers and small teams assemble individual servers and deploy to the cloud or virtual environment.

- Enterprise customers require clusters of servers, configured to fit their unique infrastructure and use-case

- Security is the gating factor preventing Enterprise cloud adoption

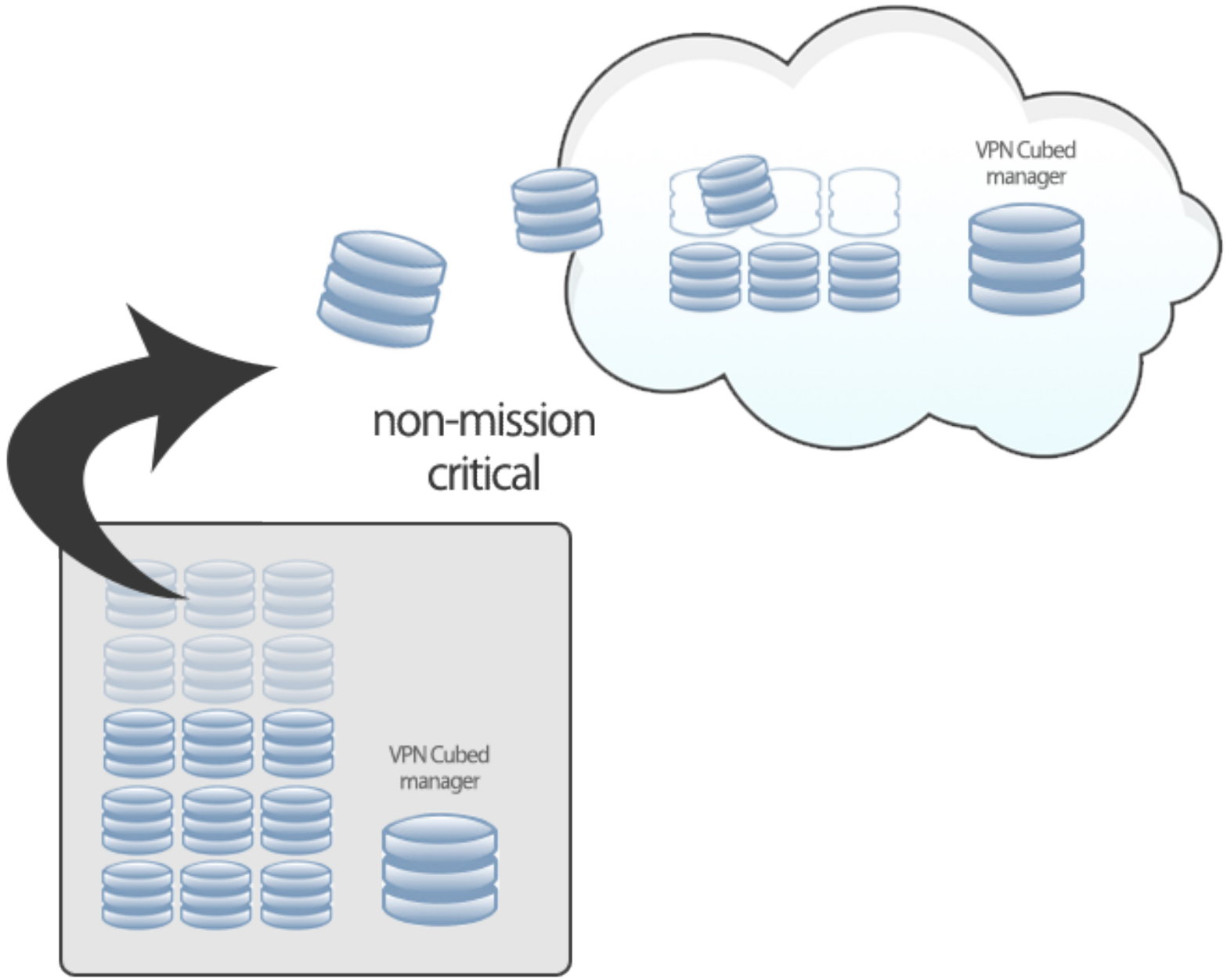
- The next logical step on our path to enablement is to remove this barrier and help Enterprise users confidently leverage the cloud

- Our new packaged service, VPN-Cubed™, is a complement to our automated platform

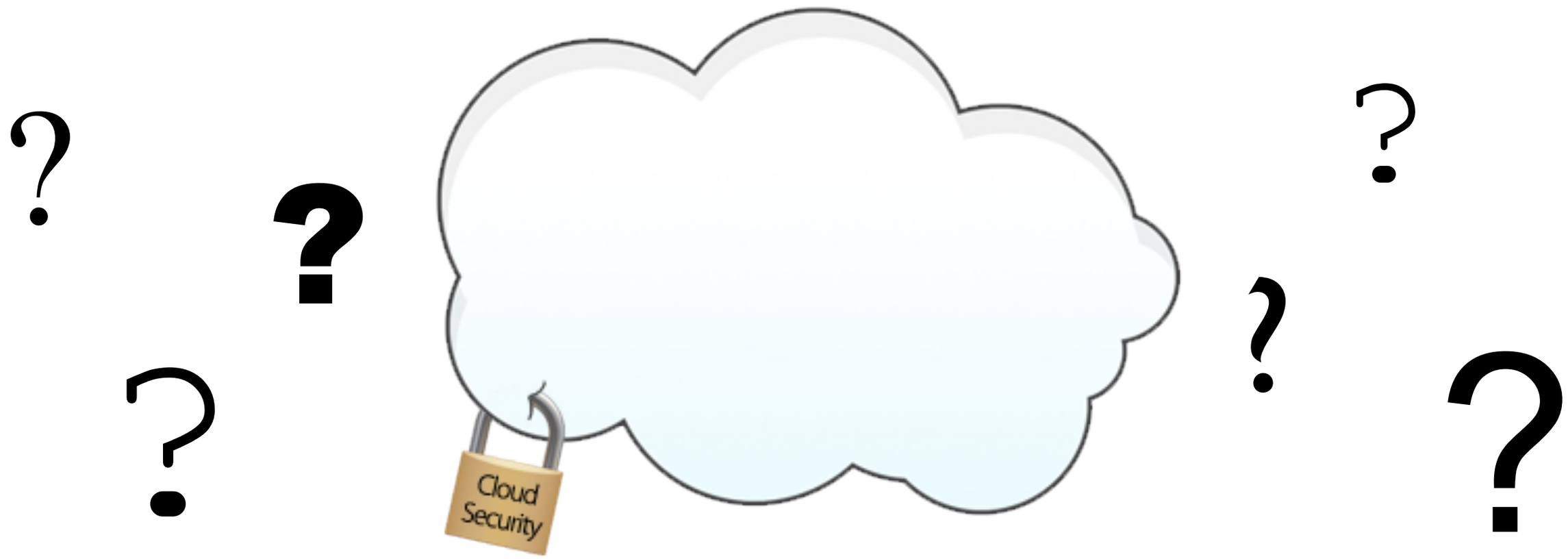
In uncertain economic times, companies seek immediate cost-reduction measures.

Cloud computing can reduce IT costs without negatively affecting ongoing operations.

The cloud is not a panacea.
But moving non-mission critical applications to the cloud can quickly reduce capital expenditure.



The first question on everyone's mind:
Is my data safe up there?



Security and control remain top concerns

Why Cloud Computing Needs Security

Alistair Croll, Tuesday, June 10, 2008 at 4:17 PM PT Comments (7)

Bribery, extortion and other con games have found new life online. Today, botnets **threaten to take vendors down**; scammers **seduce the unsuspecting** on dating sites; and new viruses **your hard drive's contents**, then demand money in return for the keys.

Startups, unable to bear the brunt of criminal activity, might look to the clouds for salvati
big cloud computing providers have the capacity and infrastructure to survive an attack. I
need to step it up; otherwise, their single points of failure simply provide more appealing
bad guys, letting them take out hundreds of sites at once.

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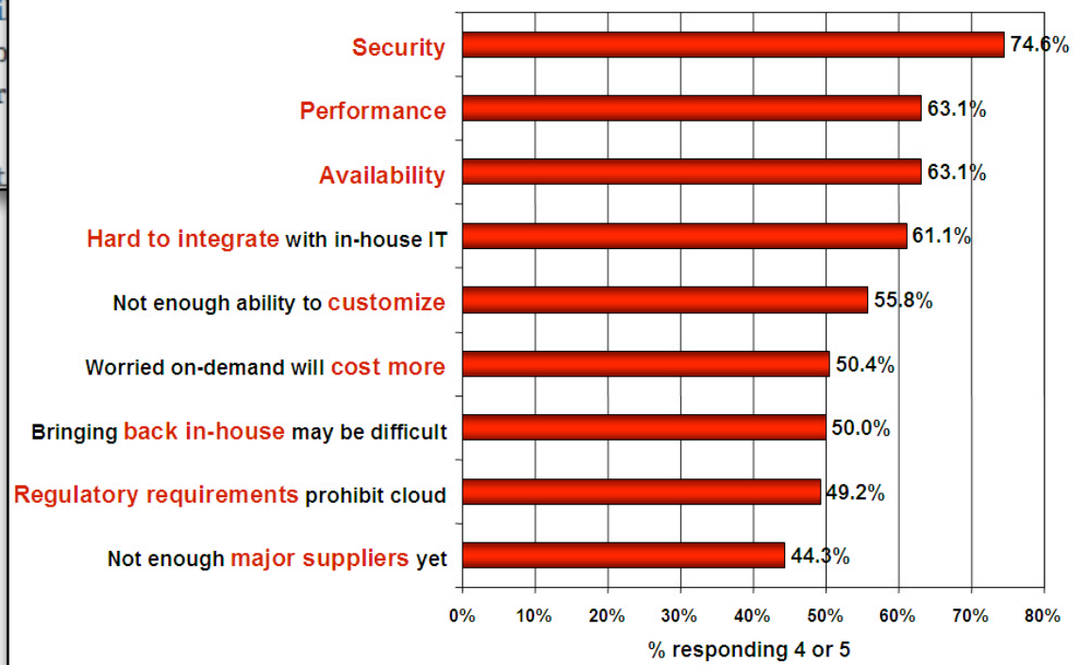
Q: Rate the challenges/issues ascribed to the 'cloud'/on-demand model
(1=not significant, 5=very significant)

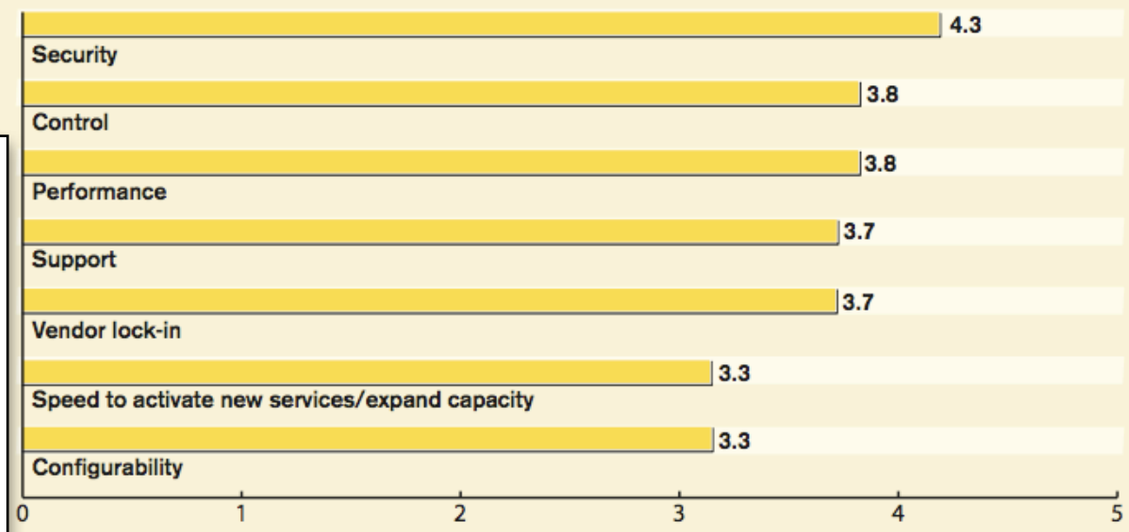


Source: IDC Enterprise Panel, August 2008 n=244

Figure 3

Security Tops Cloud Concerns

How concerned are you with following issues as they relate to cloud computing?

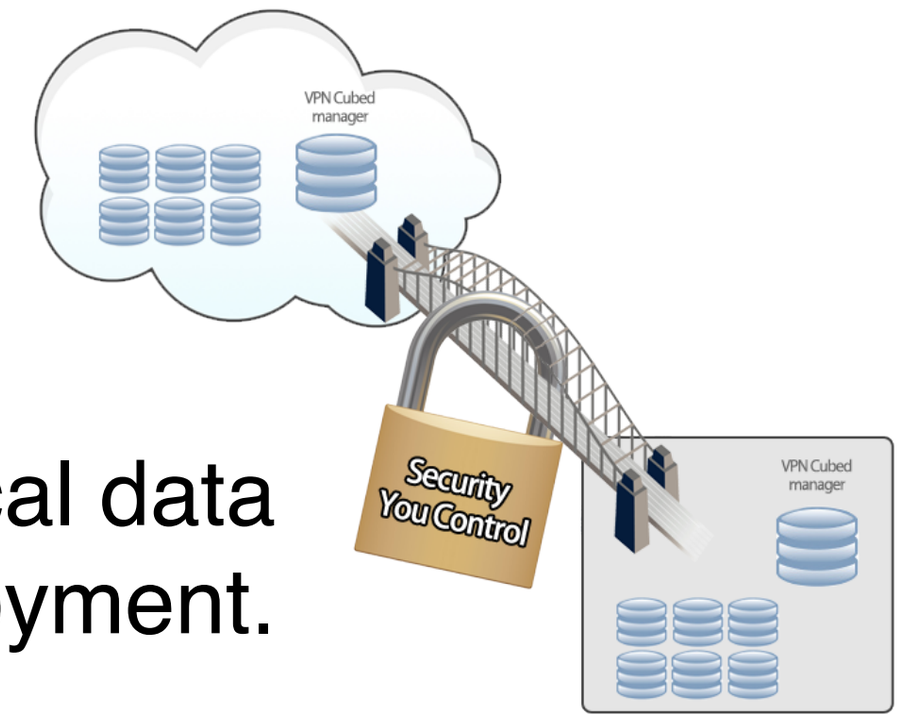


Note: Mean average ratings based on a five-point scale, Where 1 is "not at all concerned" and 5 is "very concerned"
Base: 172 respondents at organizations currently receiving or considering services from a cloud provider
Data: *InformationWeek* Analytics Cloud Computing Survey of 456 business technology professionals

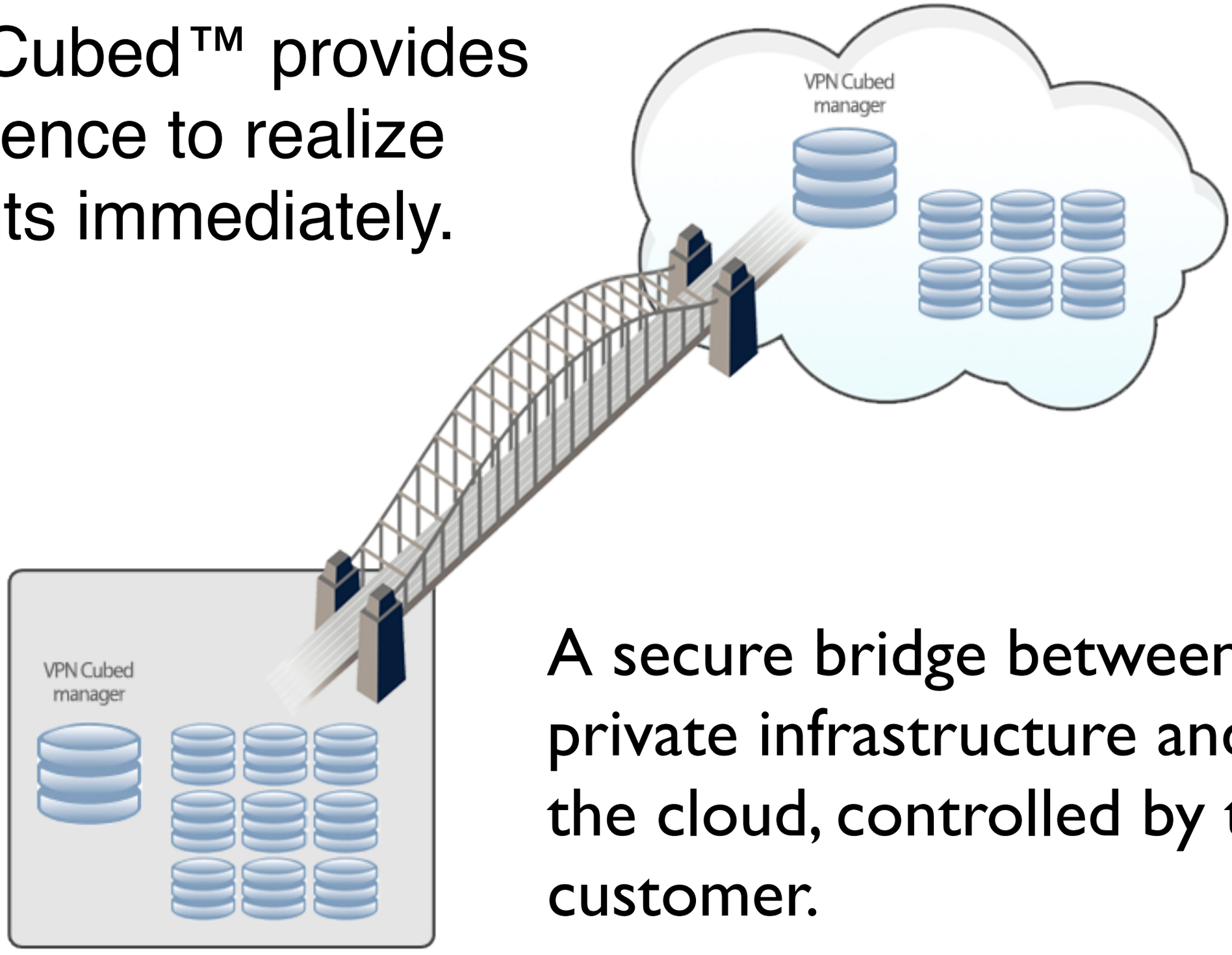
VPN-Cubed™ provides a security perimeter for your IT infrastructure inside the cloud...

...across multiple clouds...

..and between your physical data center and your cloud deployment.

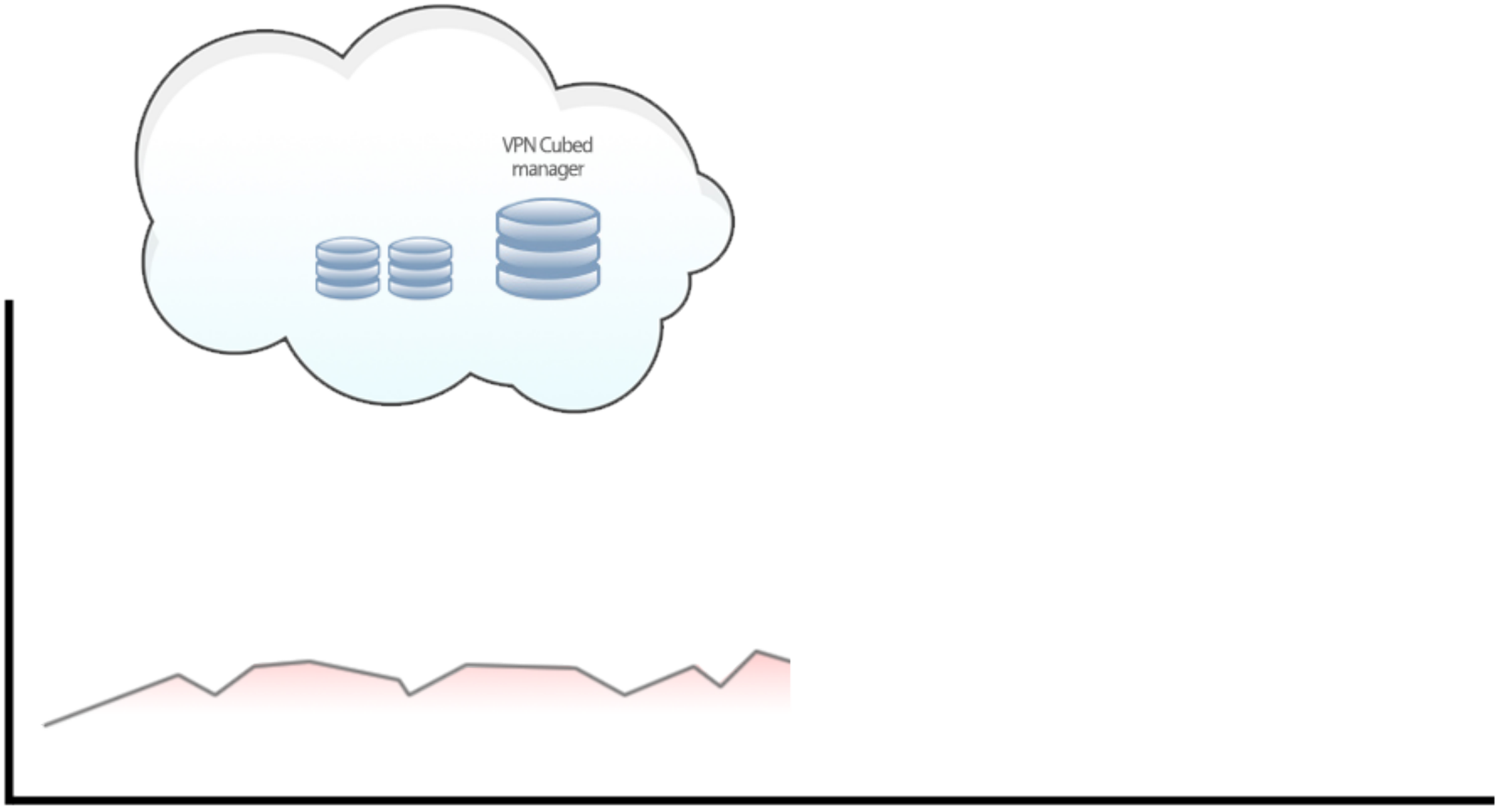


VPN-Cubed™ provides confidence to realize benefits immediately.



A secure bridge between private infrastructure and the cloud, controlled by the customer.

Scale confidently, leveraging the cloud for peak demand or seasonal spikes.



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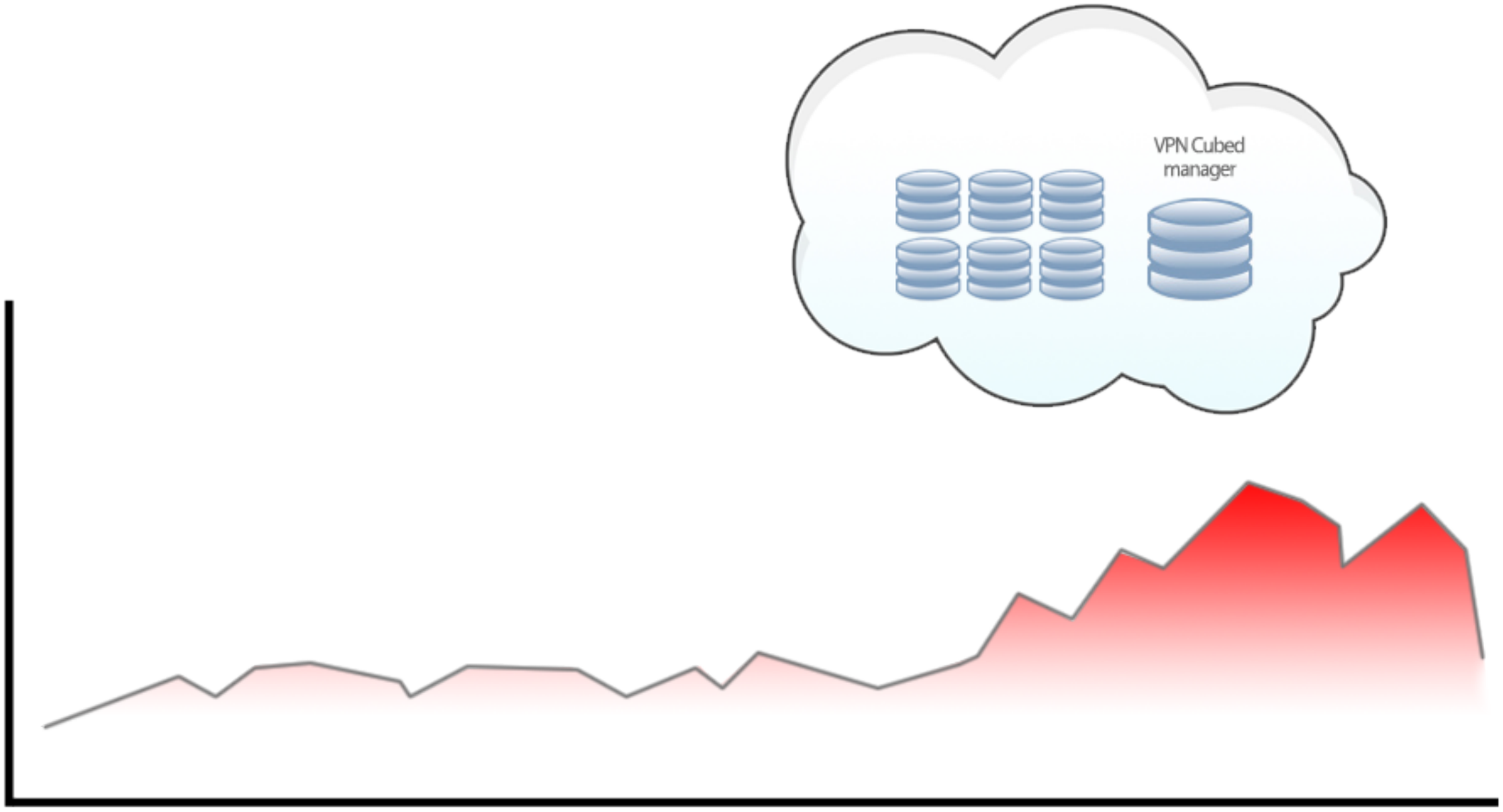
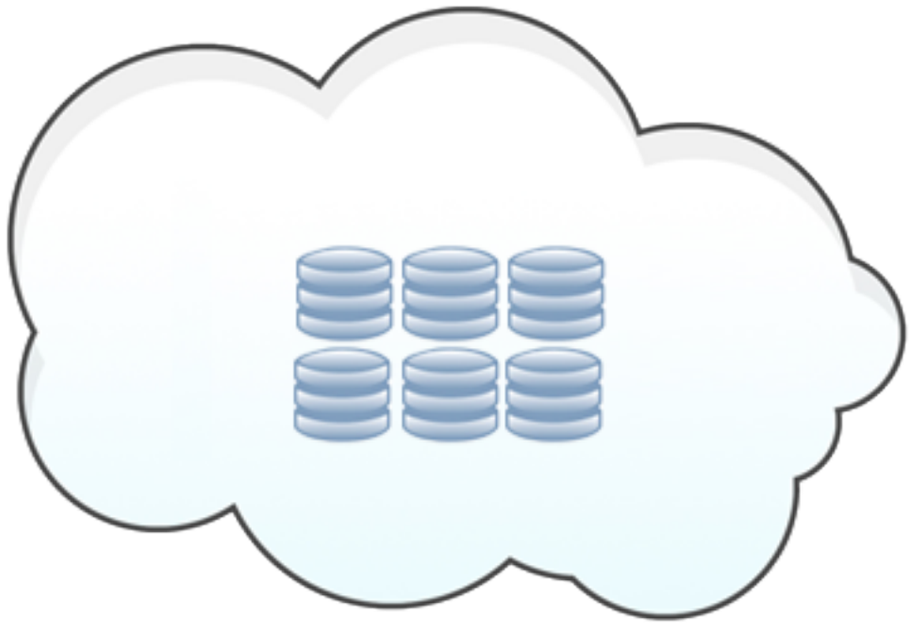


Leverage the redundancy benefits of cross-cloud failover.

Cloud A



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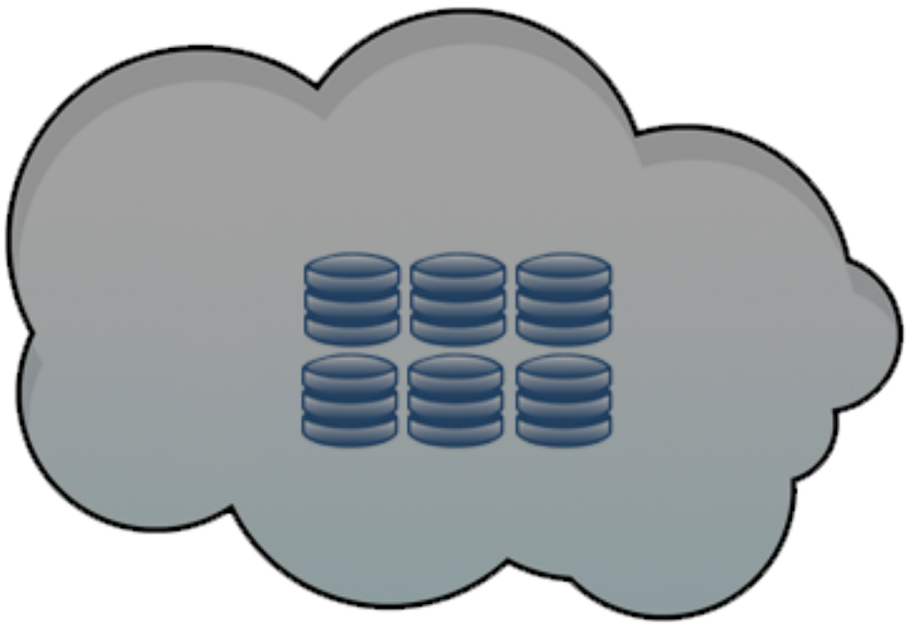

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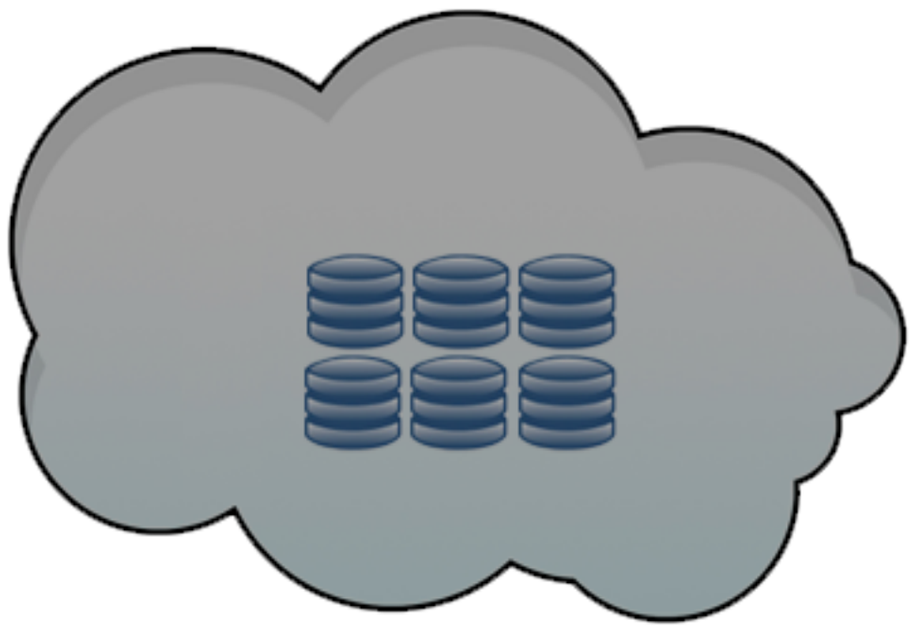
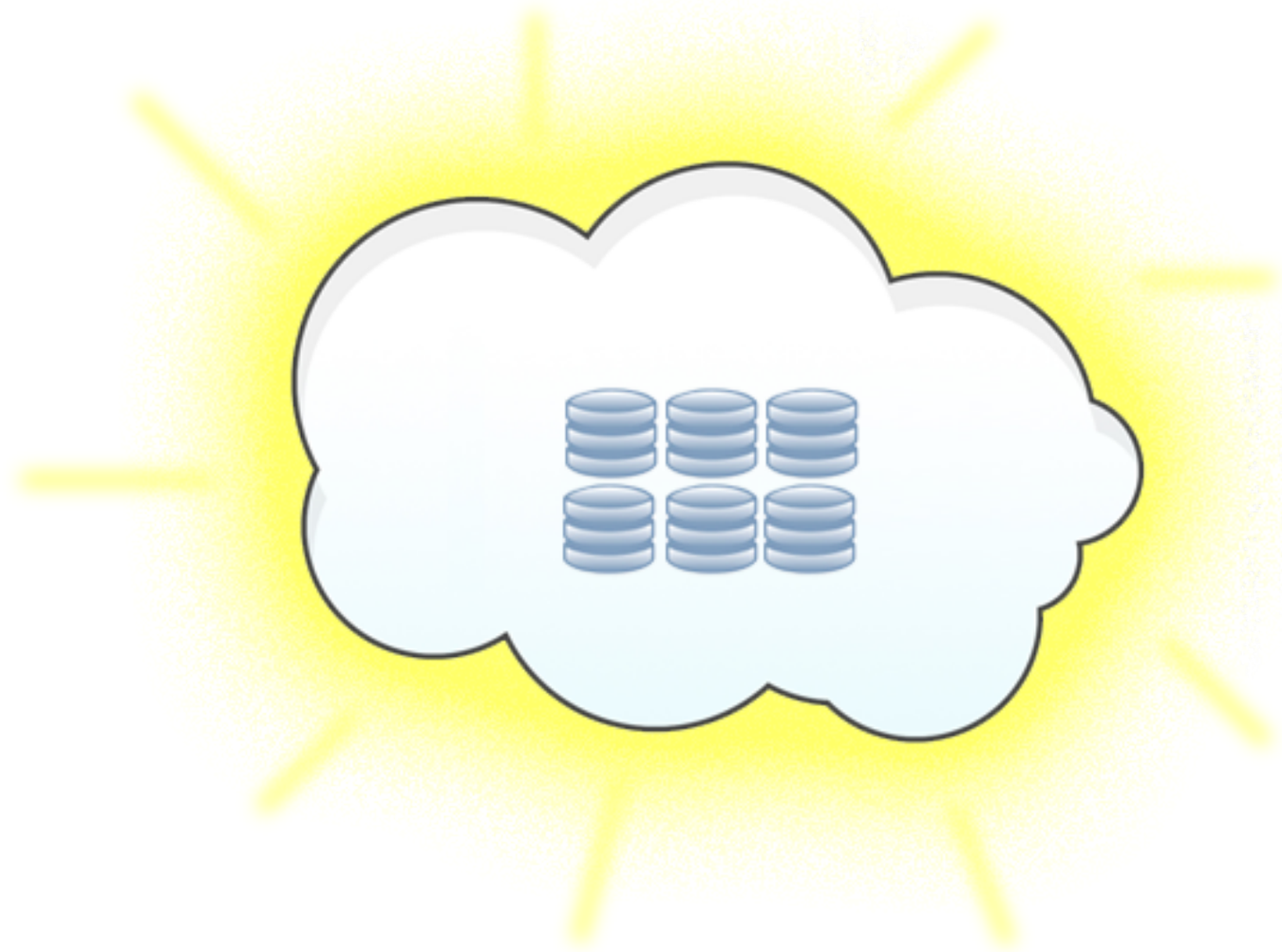


Cloud B



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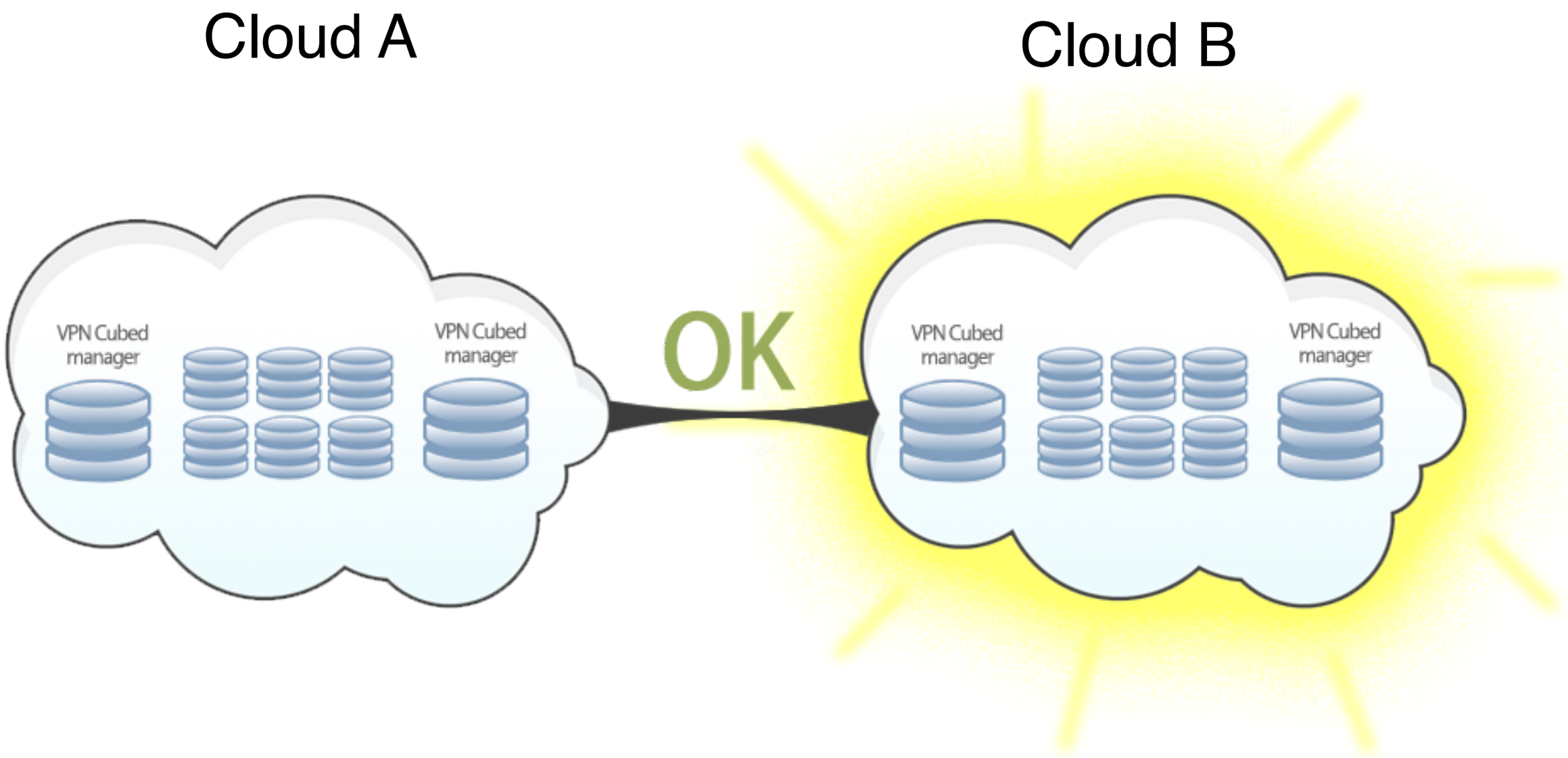

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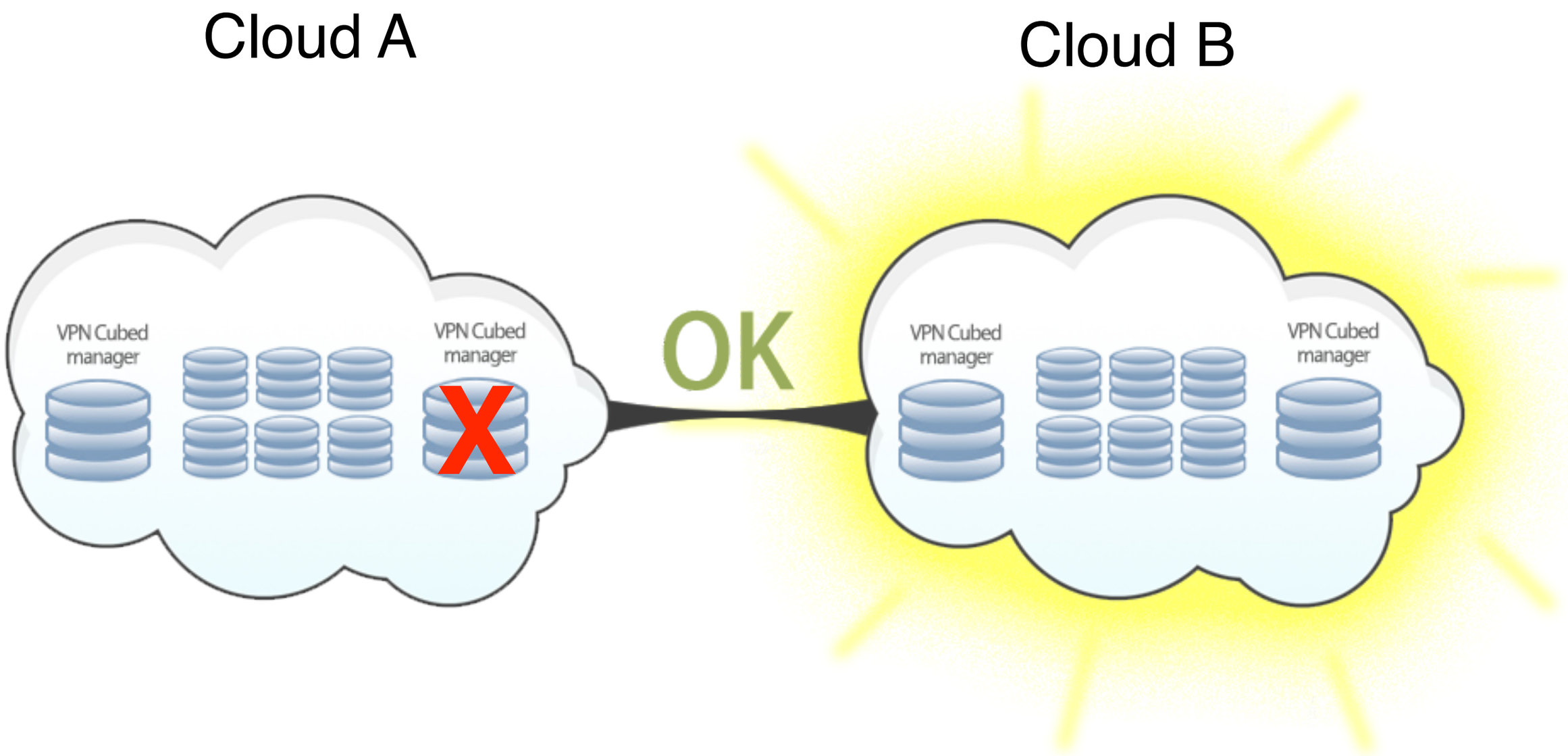

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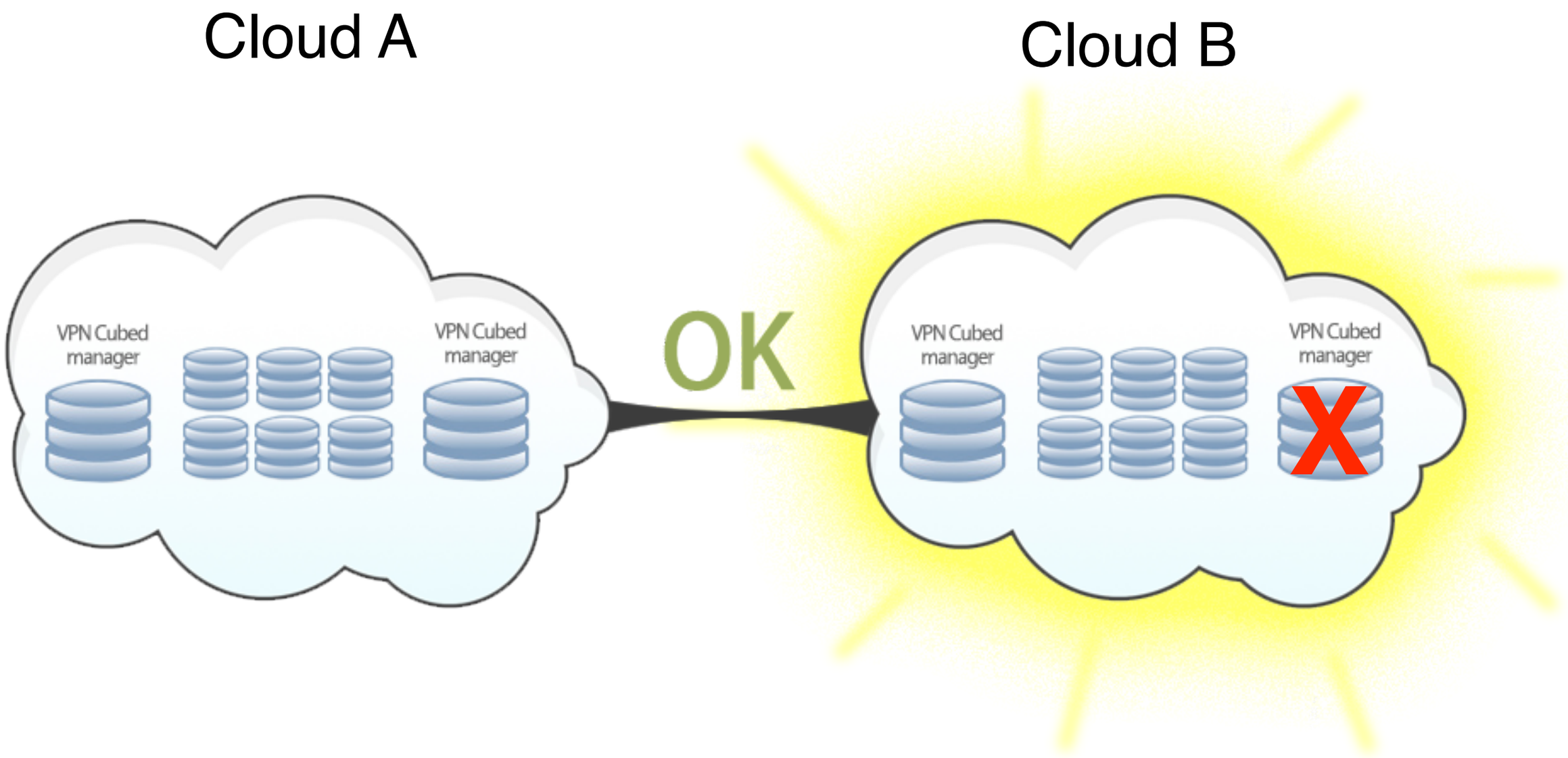

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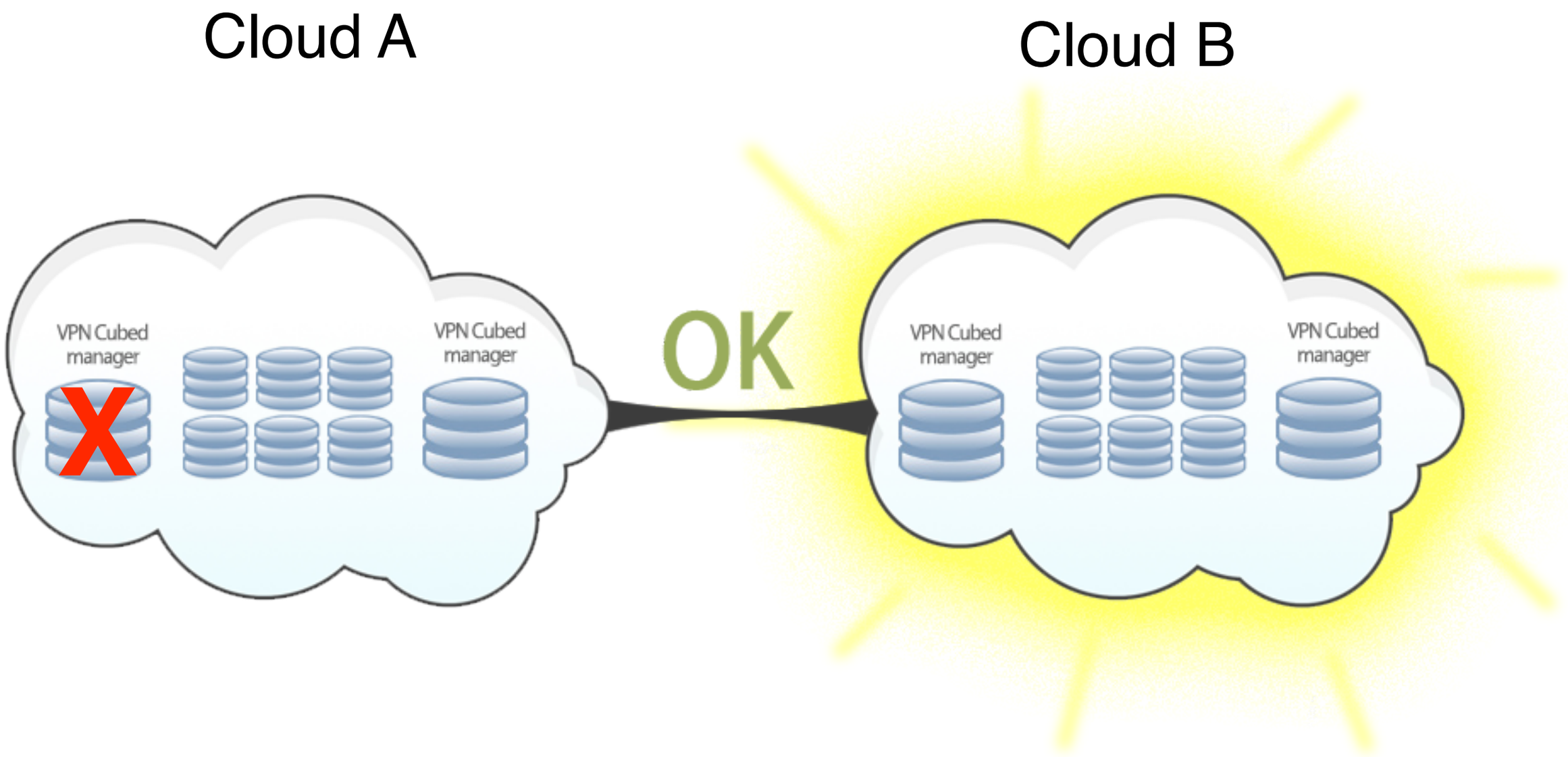

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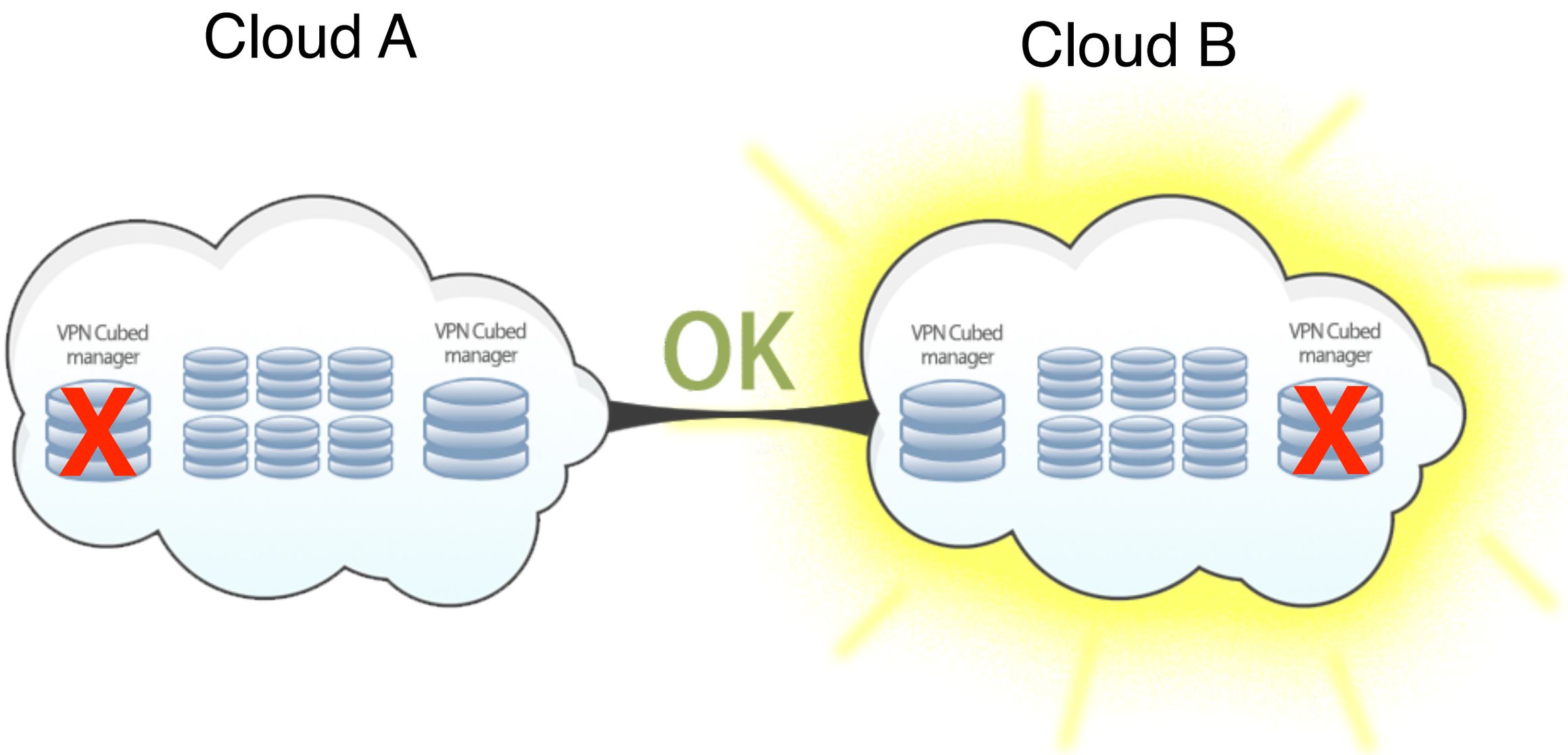
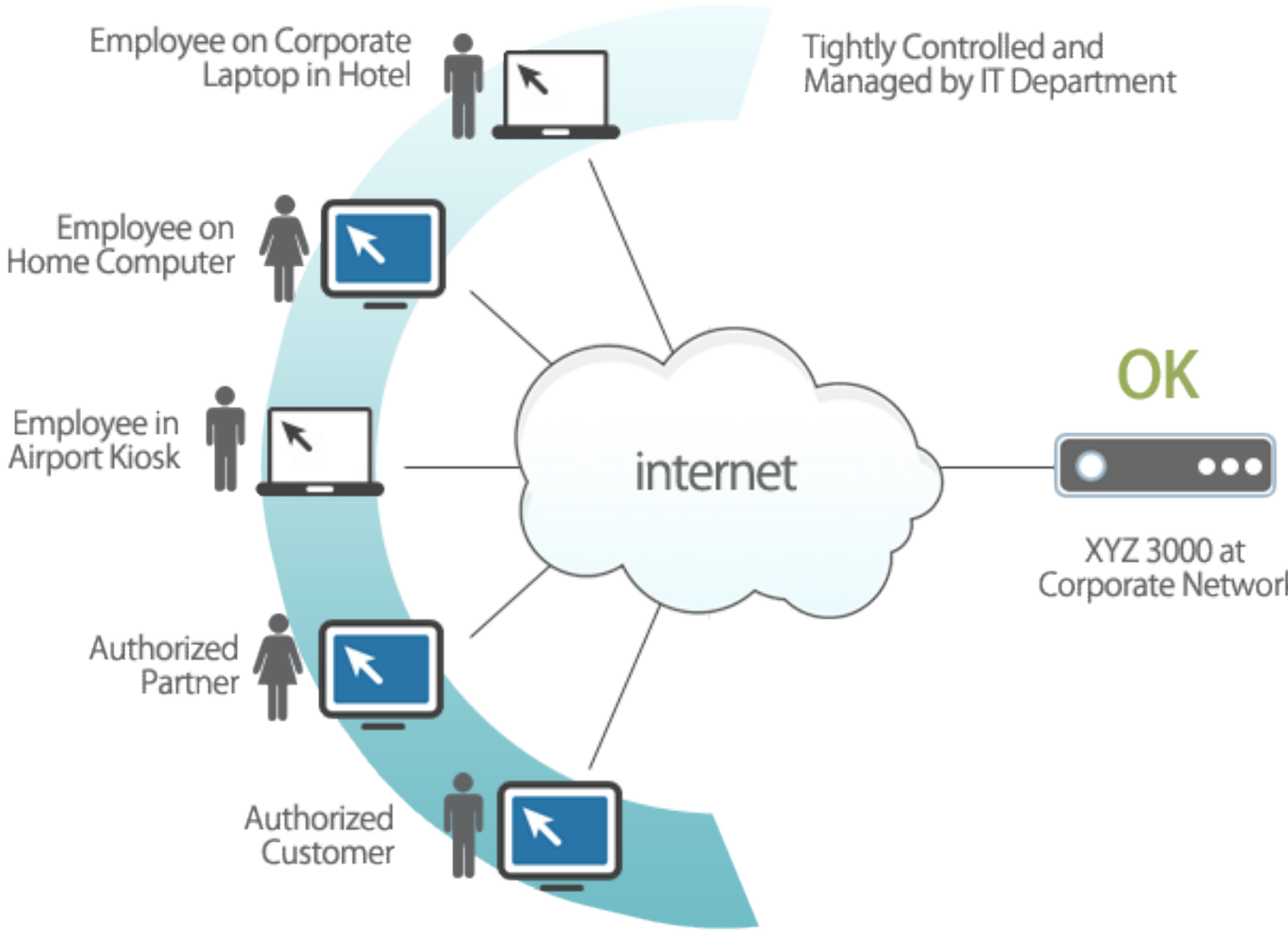


Typical VPN: Remote office access



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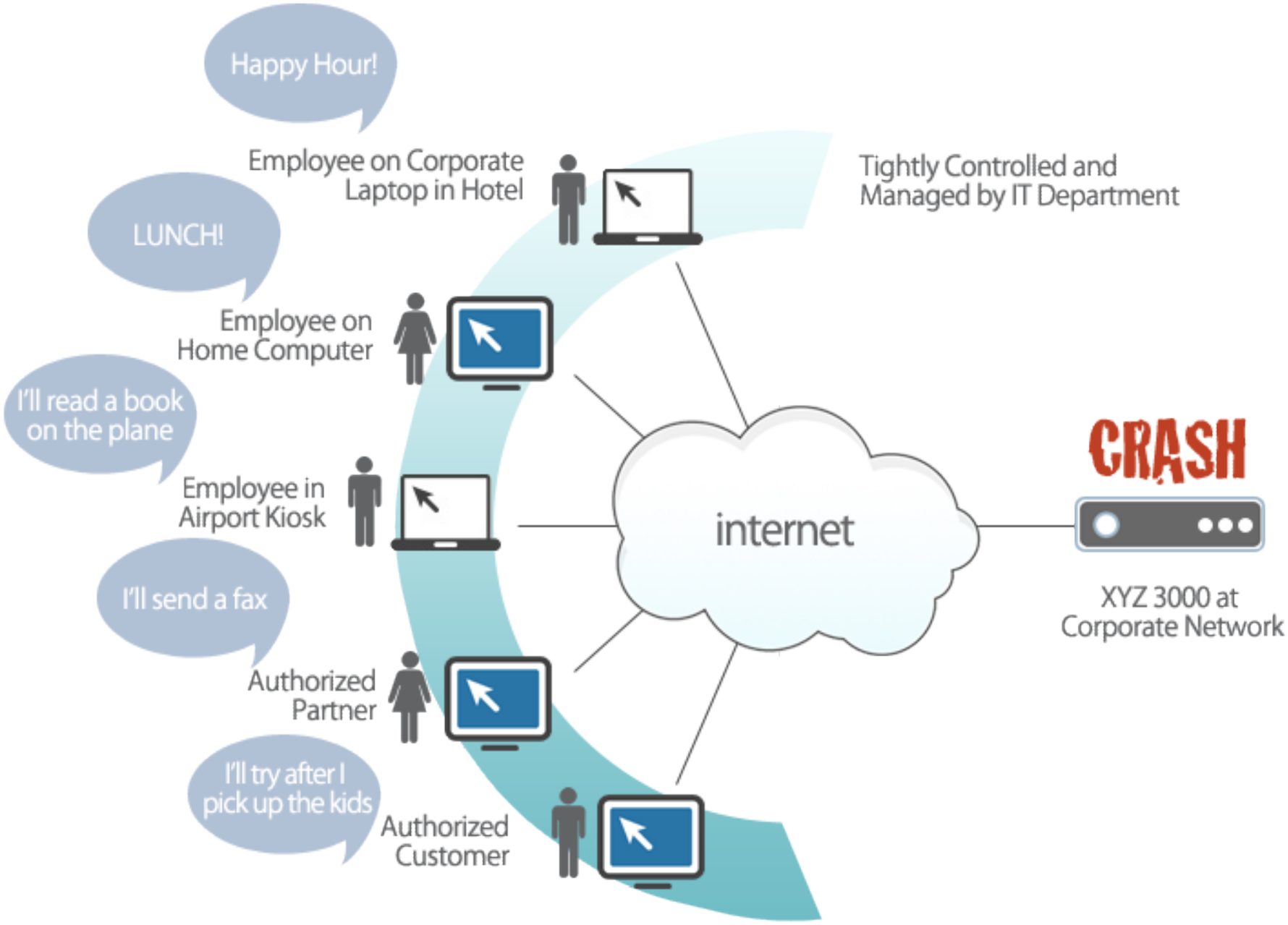

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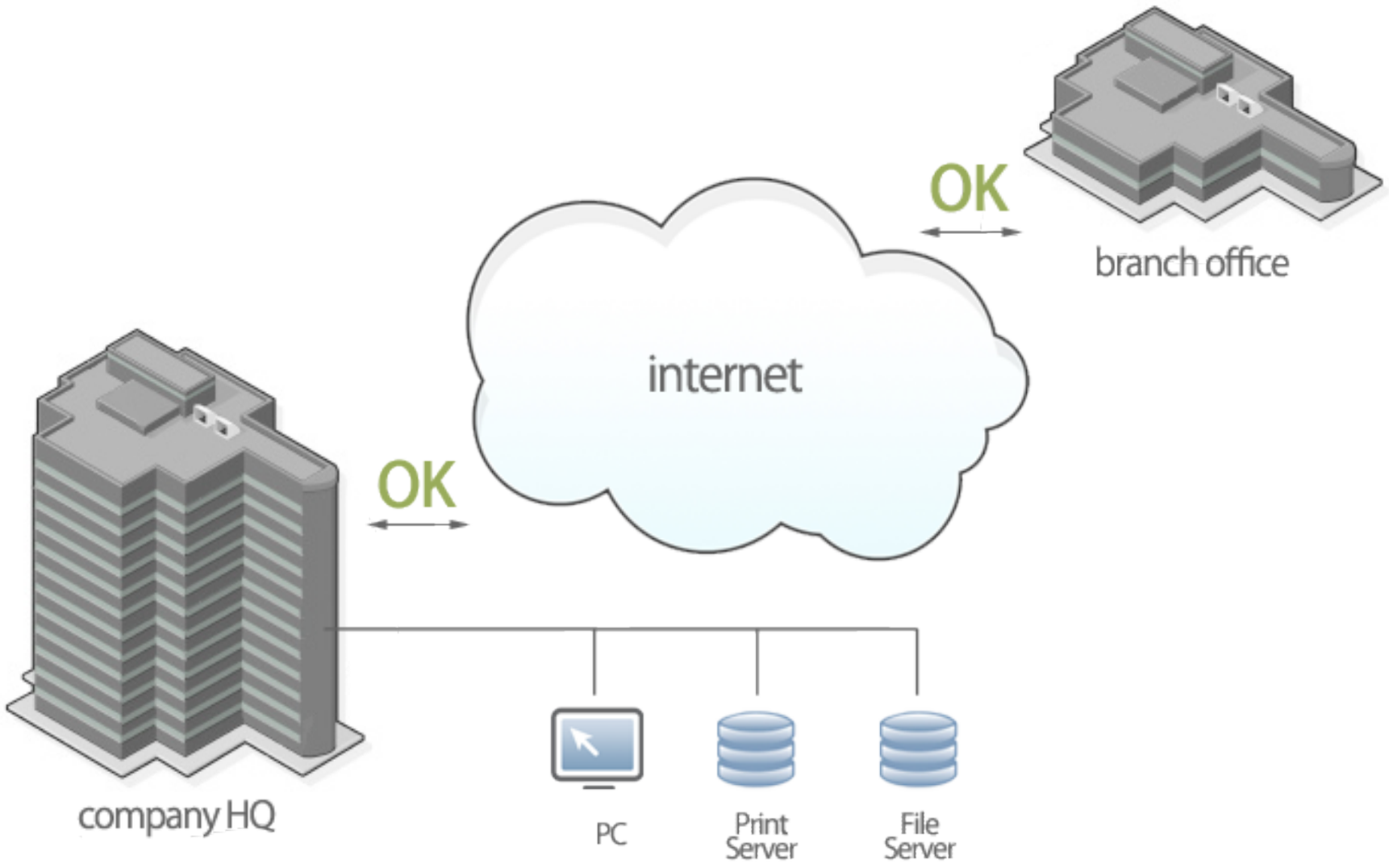

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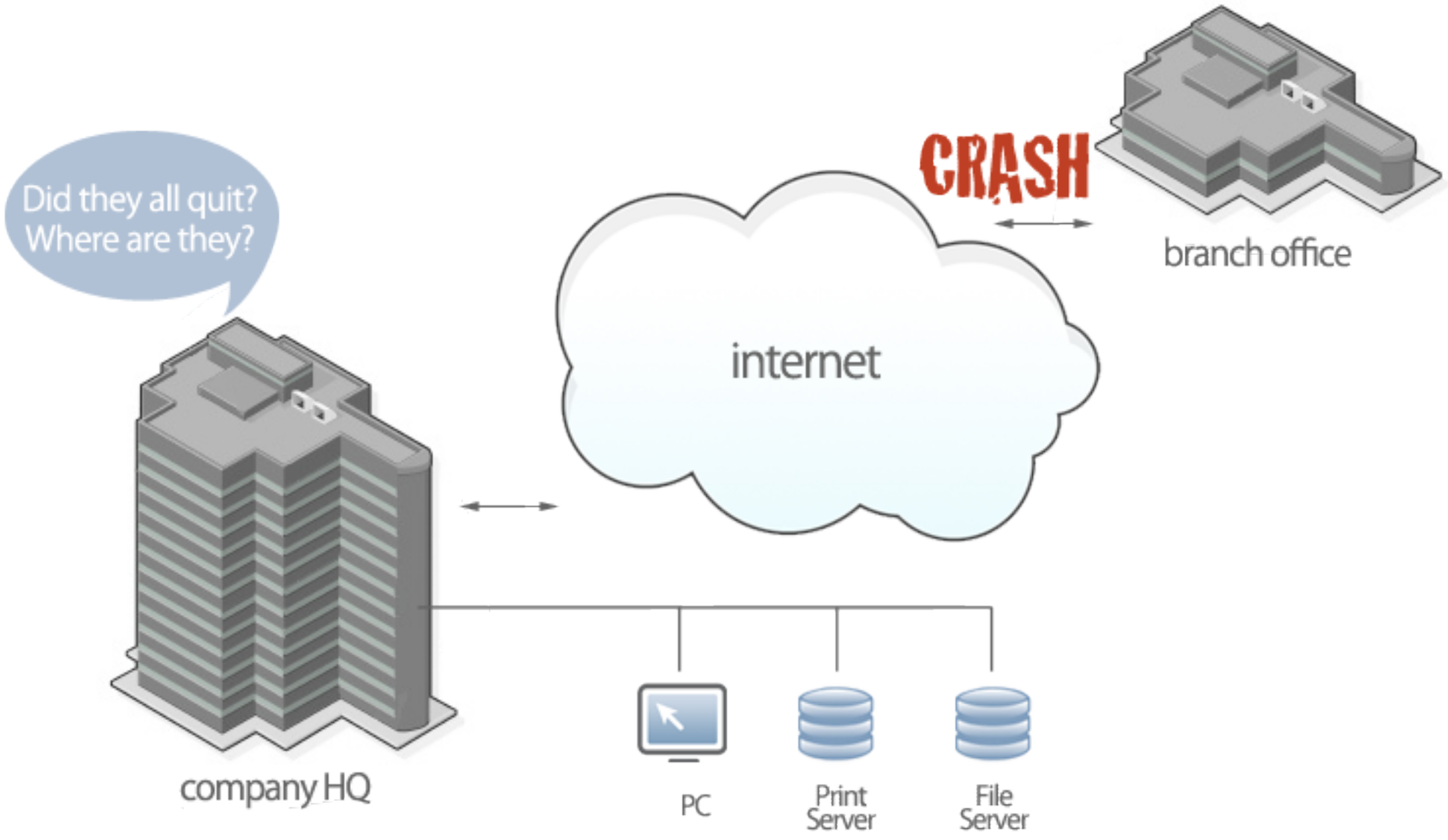

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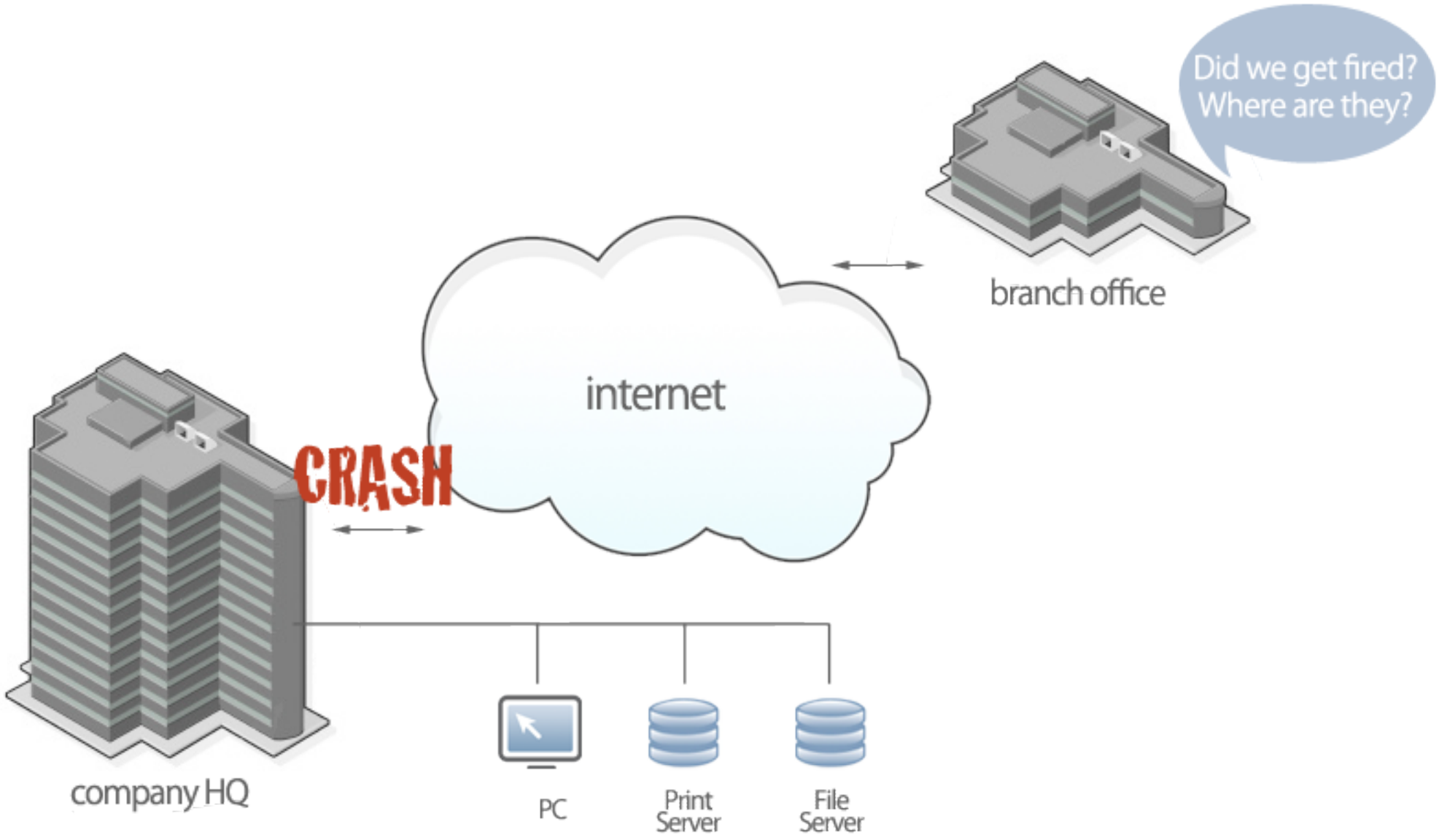
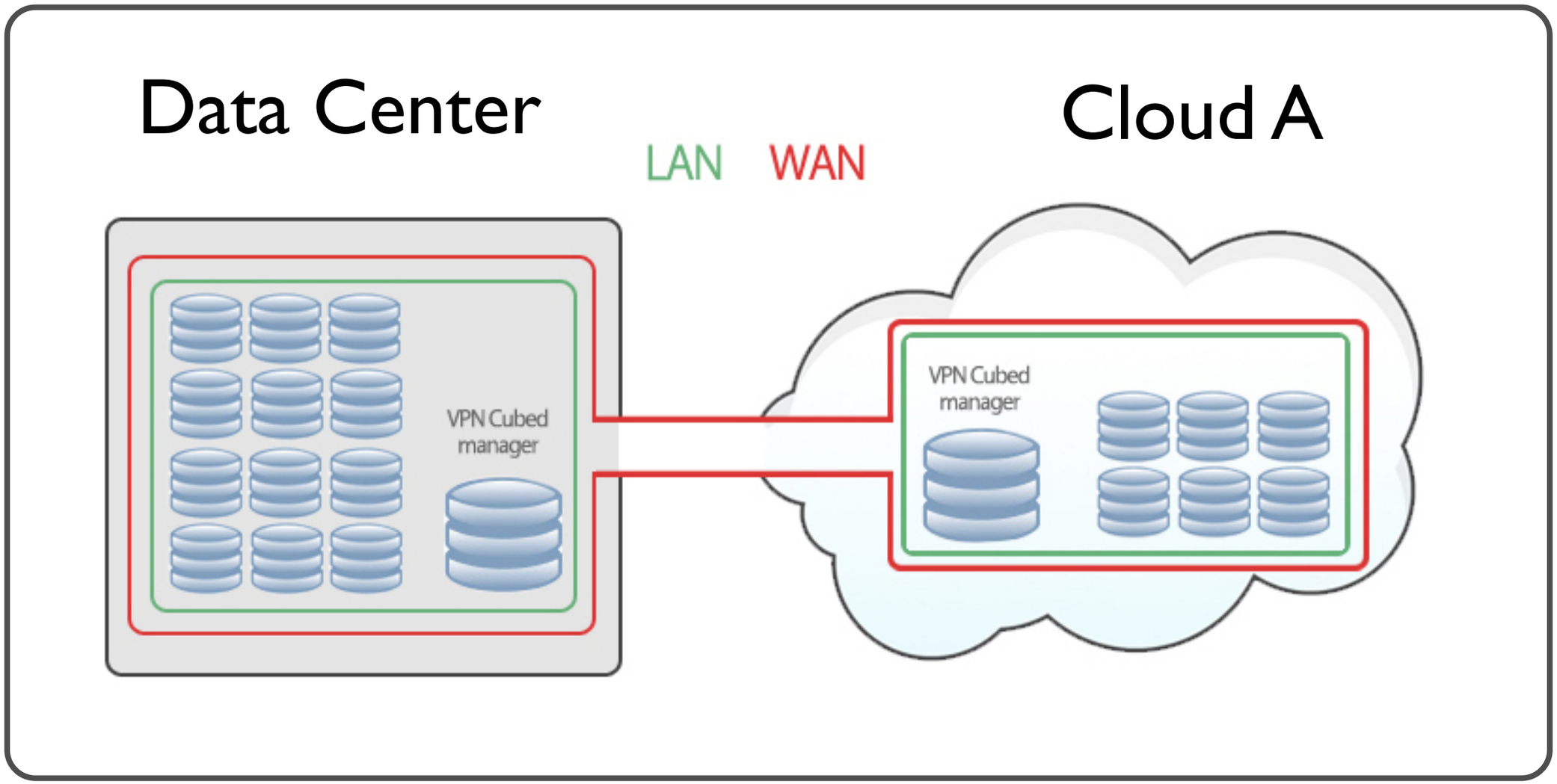


With VPN-Cubed, cloud clusters can become a secure extension of your network



cohesiveft.com/vpncubed

Benefits

VPN-Cubed
Customer-controlled security in the cloud
Confidence to move IT infrastructure to the cloud, across clouds, or a hybrid solution between the data center and cloud
Customers are not limited to a single cloud provider or data center
Customers gain the ability to “cloudburst” - failover between clouds
Realize the immediate value of operating expense (variable) vs. capital expense (fixed) for server build out, increasing computing capacity, etc.
Manage load during peak demand or seasonal spikes
Enables enterprise software dependent on multicast networking as well as greater control over network addressing
Enhanced security in addition to customer's cloud vendor VLAN, and individual virtual server firewalls
Reduce carbon footprint by using only what is needed rather than over provisioning HVAC, electricity, real estate, etc.

“CohesiveFT has not only paved the way for OOI to leverage dynamic assembly and on-the-fly virtual server creation, but they also have anticipated the security needs of the Enterprise and delivered a simple and elegant solution. By giving customers this additional layer of control, VPN-Cubed removes one of the final barriers preventing companies from realizing the cost and efficiency benefits of cloud-computing.”

Matthew Arrott, Ocean Observatories Institute (OOI)
Cyberinfrastructure Program Manager
University of California San Diego.

- The VPN-Cubed base package includes:
  - An encrypted cloud VPN, virtual server firewall, along with optional management services provided through CohesiveFT's Elastic Server platform
  - Up to 50 servers in base package
  - 1-year re-configuration support included
  - Additional servers in VPN-Cubed available
  - Additional reconfiguration services available

- Support:
  - Virtualization Formats: VMware (Workstation, Virtual Server, ESX Server), Citrix Xen, Microsoft Hyper-V, Open Source Xen, Parallels (Workstation, Server), Amazon AMI, KVM, Sun (xVM and xVM Ops Center 2.0), and others.
  - Operating Systems: Windows Server 2008, Debian (Etch, Lenny), Ubuntu (8.04LTS), Fedora 9, CentOS 4, Red Hat Enterprise Linux 5, openSuse, Novell SLES, and others.
  - Clouds: Amazon EC2, Flexiscale, GoGrid, Mosso, and others.

About CohesiveFT

- Venture-backed company founded in 2006
- The Elastic Server platform launched in February 2007 as the industry's first automated web-based "factory" for creating, deploying and managing custom, multi-sourced assemblies comprised of horizontal, open source and third-party software components. Custom servers can be assembled in minutes and deployed to the cloud or virtual environment.
- To date, more than 1,500 users have created nearly 4,000 Elastic Servers
- Experienced executive team has a rich history of successful startups, IT and Web 2.0 experience
- Offices in Chicago, London and Palo Alto

InformationWeek

20 Cloud Computing Startups You Should Know

"We are pleased to see an innovative solution like CohesiveFT leveraging Amazon Web Services to provide cost effective, web-scale infrastructure for their customers."

- Jeff Barr, Senior Evangelist for Amazon Web Services™

Partners and Sampling of Popular Components

To learn more about VPN-Cubed™

visit www.cohesiveft.com/vpncubed

or contact us at sales@cohesiveft.com