Using Cisco Intercloud Fabric to Meet Evolving Business Demands

Real-time, secure and cost-effective services for hybrid clouds.

The question for IT organizations is no longer how to move to the cloud but how to move among clouds transparently, efficiently and securely—and without the fear of interoperability issues.

Organizations no longer have one cloud; they have many. They are using multiple cloud services, and they're running multiple applications, supported by multiple service providers, on multiple platforms across the globe. This is the reality of doing business today.

Without a doubt, the question is no longer how an organization moves to the cloud, but how it maximizes the business benefits a hybrid cloud environment can create.

The answer lies with Cisco Intercloud Fabric (ICF) and Sungard Availability Services (Sungard AS).

Sungard AS has teamed up with partners, like Cisco, to develop industry-leading solutions that transform the way organizations deliver IT to the business. By integrating with the Cisco ICF, Sungard AS is solving some of the biggest IT challenges of running a hybrid cloud environment.

> Our team of experts is there for your business, delivering the right solutions for your hybrid cloud environment as your needs change.
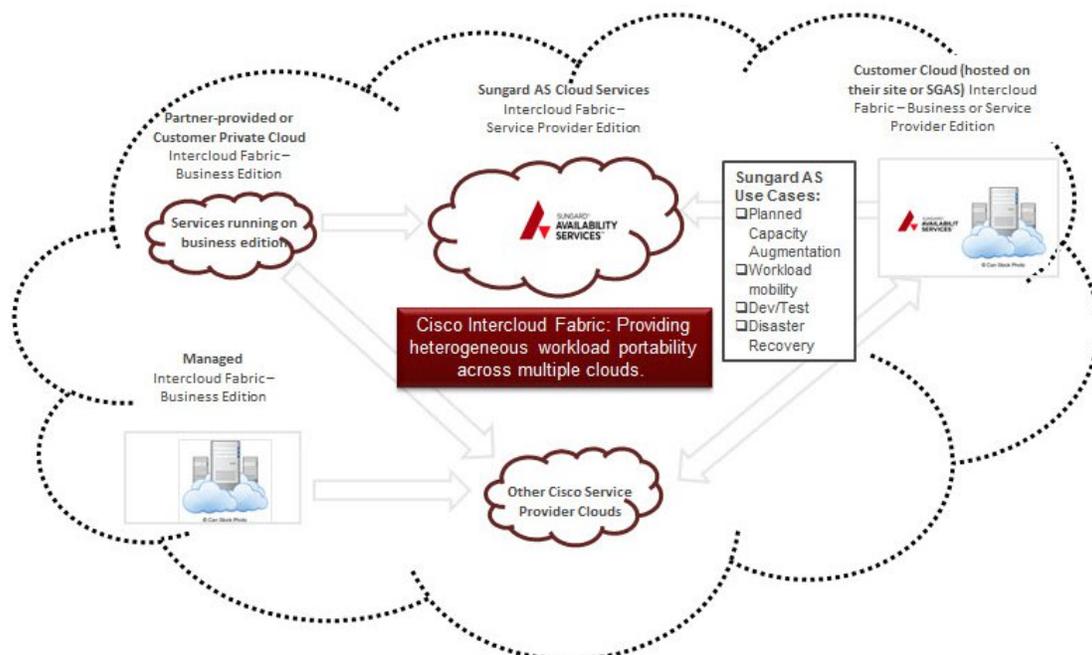

Figure caption: Cisco ICF provides freedom from unpredictability, delivering a seamless blueprint for tomorrow's hybrid clouds.

Seasonal business demands, new regulatory mandates, a marketing campaign gone viral or even unexpected weather events can cause big fluctuations in workload demands. These demands can put enormous pressures on IT departments, forcing some to the breaking point and others to invest unnecessarily in new technologies or solutions.

Cisco ICF enables IT organizations to respond cost-effectively and real-time to fluctuations in workloads **whenever** they occur and **wherever** they occur. In doing so, Cisco ICF brings today's dispersed stand-alone cloud environments together, providing organizations with access to secure cloud services across their IT landscape.

The proof is in our use cases.

Cisco ICF provides freedom from unpredictability. The key lies with its new workload mobility and capacity augmentation capabilities, which allow IT organizations to respond dynamically to fluctuations in business workloads by choosing the right cloud for their needs.

FLEXIBILITY WITH WORKLOAD MOBILITY

Historically, IT created and deployed applications in one environment and were restricted to running those applications in one environment. But, with Cisco ICF, applications can be built and run anywhere as business conditions change. Applications can now scan across different Cisco ICF supported instances (whether running the business edition or Cisco ICF service provider edition), maintaining consistency across these different Cisco ICF environments. Then, when the time comes, the applications can revert back to their original state. With this level of mobility, Cisco ICF can handle both predictable and unpredictable workload spikes that can disrupt business operations.

What does your organization need?

- A hosted private cloud that scales up incrementally on-demand?
- The ability to meet temporary seasonal fluctuations in workloads or capacity?
- The ability to move VMs from a managed private cloud to a public cloud as needed?
- Access to a temporary environment for periodic load-balance testing?
- The ability to perform large-scale performance testing?
- The ability to transition from a CAPEX to an OPEX finance model for certain fixed or variable workloads?

Cisco ICF and Sungard AS can help your organization with your to-do list.

SCALABILITY WITH CAPACITY AUGMENTATION

With Cisco ICF's capacity augmentation capability, workloads can be balanced across different Cisco ICF environments, even if the underlying hypervisors are different. Also, by leveraging Cisco ICF secure extenders across layer 2 networks, data and virtual machines can be sent securely between private and public clouds. Further, by integrating existing tools and Cisco ICF, the numbers of servers running in Cisco ICF can be scaled out, moved or shrunk as determined by business-defined thresholds. This ensures a stable and secure environment.

With this integration to Cisco ICF, Sungard AS has taken a big step in our commitment to provide innovative, flexible and cost-effective solutions for rapidly changing customer business environments. For more information, please visit sungardas.com/cisco.

What problems are you trying to solve?	Which outcome are you seeking?	Cisco Intercloud + Sungard AS Solution
Temporary use IT resources ▪ Load balancing ▪ Compliance ▪ Development	Ease of access to cloud resources, use for development, scaling, bursting, often dynamic workload.	Public Cloud
IT hard to manage and adapt: ▪ Some element of outsourcing needed ▪ Extensibility required for temporary or transientloads	Ease of access to cloud resources, use for development, scaling, bursting, often dynamic workload.	Managed Cloud, Managed Private Cloud, Hosted Private Cloud
Hard to anticipate and scale for future IT demand	Control for performance and isolation for security means.	Public Cloud, Managed Cloud, Managed Private Cloud, Hosted Private Cloud

About Sungard Availability Services

Sungard Availability Services provides disaster recovery services, managed IT services, information availability consulting services and business continuity management software.

Trademark Information

To learn more visit www.sungardas.com/cisco or call 1-888-270-3657.

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