



## Overview

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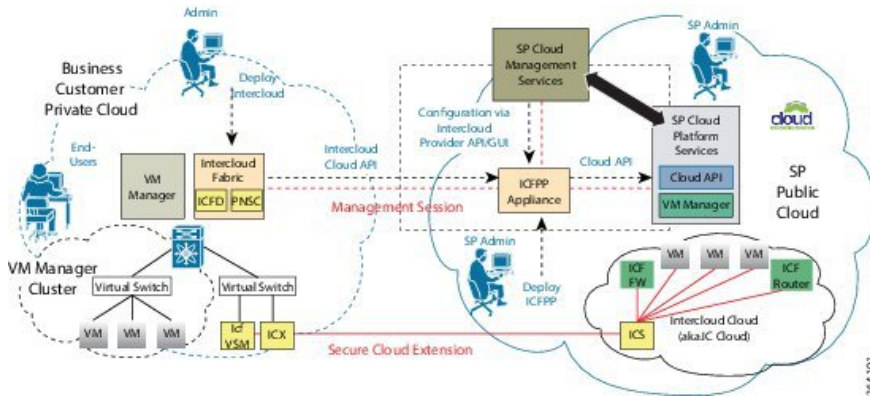
## About Cisco Intercloud Fabric

Cisco Intercloud Fabric provides a faster and flexible response to business needs and addresses the potential challenges with hybrid clouds. A hybrid cloud is an interaction between private and provider clouds where private clouds extend to provider clouds and use provider cloud resources in a secure and scalable way. Cisco Intercloud Fabric enables you to place workloads across heterogeneous environments in multiple provider clouds. Cisco Intercloud Fabric provides the architectural foundation for secure hybrid clouds, which allows enterprises to easily and securely connect the private clouds to the provider cloud as needed and on demand. With a hybrid cloud, enterprises can combine the benefits of private and provider clouds. Cisco Intercloud Fabric provides the following benefits:

- Provides a single point of management and control for virtual workloads across multiple provider clouds.
- Provides a choice of cloud providers, such as Amazon Web Services, Microsoft Azure, and multiple Intercloud Fabric provider-based clouds.
- Provides highly secure, scalable connectivity to extend private clouds to service provider clouds.
- Enforces consistent network and workload policies throughout the hybrid cloud.

- Enables workload mobility to and from service provider clouds for virtual workloads.

Figure 1: Cisco Intercloud Fabric



## Overview of the Troubleshooting Process

Follow these steps to troubleshoot your network:

- 1 Gather information that defines the specific symptoms.
- 2 Identify all potential causes for the symptoms.
- 3 Systematically eliminate each potential cause (from most likely to least likely) until the symptoms disappear.

## Overview of Best Practices

Best practices are the recommended steps you should take to ensure the proper operation of your appliance. We recommend the following best practices for most networks:

- Maintain a consistent Cisco Intercloud Fabric release across all network devices.
- Refer to the release notes for your Cisco Intercloud Fabric release for the latest features, limitations, and caveats.
- Document private data center details, including the vNIC configuration used by virtual machines (VMs) and the corresponding vSwitch configuration to ensure that they are consistent with each other.
- Verify and troubleshoot any new configuration changes after implementing a change.

## Contacting Cisco

If you cannot resolve a problem by using the information in this guide, contact Cisco Customer Support for help. For more information, see [Contacting Cisco Customer Support](#).