



Ports and Services Reference Information

- [Ports and Services, on page 1](#)

Ports and Services

PCF uses different ports for communication purposes. The following table describes the default ports and the associated services.

Table 1: Ports and Services

Port	Service	Usage
22	SSH	SMI uses this port to communicate with the virtual machines.
80	HTTP	SMI uses this port for providing Web access to CLI, Documentation, and TAC.
443	SSL/HTTP	SMI uses this port for providing Web access to CLI, Documentation, and TAC.
2024	SSH	SMI accesses the Confdd CLI through this port.
3868	TCP	PCF uses this port as the default Diameter Endpoint on a public port.
6443	HTTP	SMI uses this port to communicate with the Kubernetes API server.
8080	HTTP	PCF uses this port to communicate with the Keep Alive API Interface on a public network.
9082	HTTP	PCF uses this port to access the SBI Interface on a public network. The Keepalive monitors the health of the container on this port. If the port is not accessible, then the kubectl restarts the container to restore the service.
9299	HTTP	SMI uses this port to communicate with the Prometheus Service.
9885	TCP	Default port that operates as the PCF Service gRPC endpoint on a private network.
10250	SSL/HTTP	SMI uses this port to communicate with Kubelet.

Port	Service	Usage
10256	HTTP	SMI uses this port to interact with the Kube proxy.