

Abstract

The present application provides a virtual private cloud communication system, a method for configuring the same and a controller. The system includes at least one virtual machine VM and a system gateway communicatively connected to each of the VM; and at least one physical machine PM and a switch communicatively connected to each of the PM. The system gateway is communicatively connected to the switch. The system gateway and the switch are configured to enable communication between the VM and the PM belonging to the same virtual private cloud VPC based on preset configuration information. A physical machine area formed by the PM accesses the network through the switch, and a virtual machine area formed by the VM is connected to the switch corresponding to the physical machine area through the system gateway, thereby establishing the communication between the PM of the physical machine area and the VM of the virtual machine area, and realizing the communication between the VM and the PM. Therefore, the communication connection established based on the gateway in the present application is not limited to the upper limit of the number of VLAN IDs, thereby meeting the current business development requirements.