

Networking

Security Group



Virtual Firewall Controlling Virtual Server Traffic

Security Group is a virtual logical firewall that controls inbound/outbound traffic generated from virtual servers in the cloud. The virtual network environments can be securely protected by filtering out unauthorized traffic based on allow rules on the traffic generated on virtual server, database and Kubernetes Engine.



High Security

A high level of security is ensured by setting access policy on IP addresses and ports for inbound/outbound traffic between internal virtual server or with external Internet and allowing access for the permitted traffic only.



Convenient Rule Setting

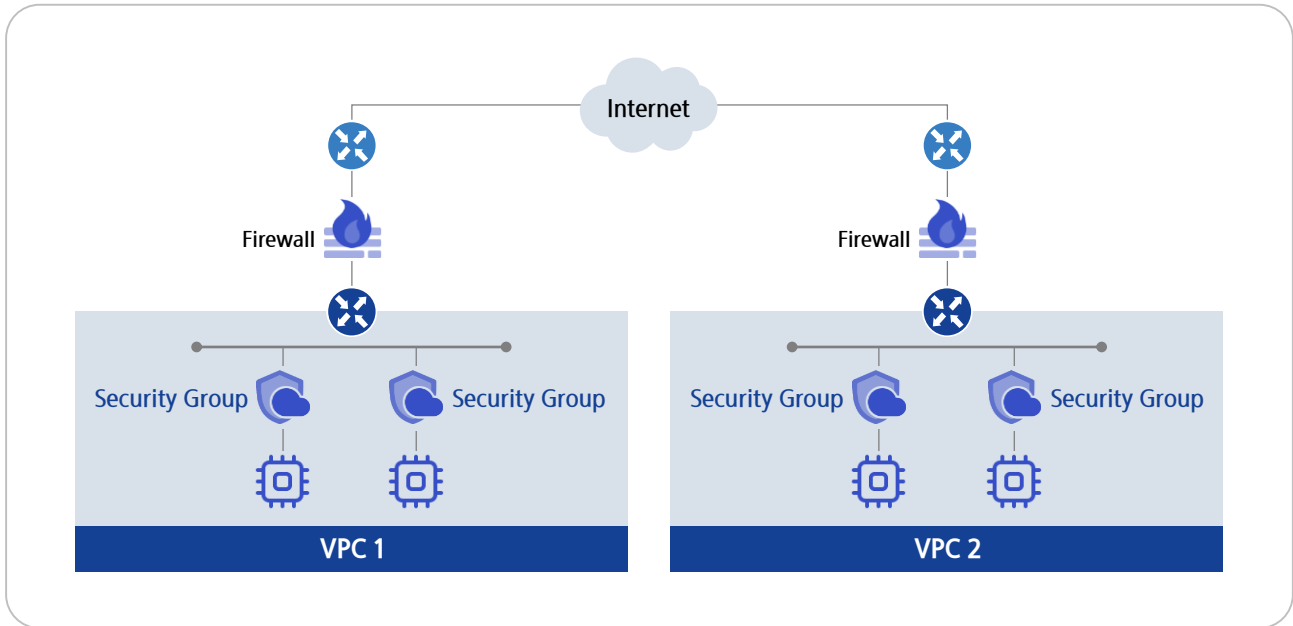
A web-based console enables setting separate rules for inbound/outbound traffic without directly accessing the server for setting firewall security rules. Each rule can filter out unauthorized traffic using protocol and port numbers. In addition, by uniformly applying firewall rules, work time will be shorter. And installment of firewalls will be made easier while not omitting rules.



Easy Network Management

Security Group needed for virtual server can easily be created using a web-based console. Application regulations, including target IP addresses, subnets, and protocols/ports can also easily be set and managed.

Service Architecture



Key Features

- **Security Group creation**
 - Distributed firewall(logical firewalls that control communications between Virtual Server within VPC)
 - Create Security Group to be used in Virtual Server, Accelerated Server, database and Kubernetes Engine
 - Resources that use Security Group reusable in various resources by setting source IP for inbound traffic and destination IP for outbound
- **Rule setting for Security Group**
 - Target IP address setting, protocol/port setting, and inbound/outbound setting
 - Rules applied in scale(IP/ports applied to various addresses using ',' and '-')
- **Allow/deny log storage**
 - Select log saving when creating a Security Group and set storage option by selecting Object Storage within same account
 - Save target IP addresses, ports, and allow/deny status by time

