

Abstract

Relay communication system and relay server

A virtual network is dynamically created, when constructing a relay communication system including a plurality of relay servers that can communicate with each other. In the relay communication system, the VLAN client terminals constituting a VLAN group are allowed to share VLAN group information. In addition, a VLAN session between VLAN devices as activatable VLAN client terminals is established based on the VLAN group information, and the VLAN devices are allowed to share virtual address information created when the VLAN group is activated. If the VLAN device constituting the activated VLAN group is suspended, suspension of the VLAN device is notified, and a VLAN device about which the suspension has been notified is deleted from the virtual address information. The VLAN session related to the VLAN device about which the suspension has been notified is closed.

Figure 1