CLAIMS

1. A communication system for providing an access to an IP network to a wireless terminal, comprising a gateway for passing data from the wireless terminal to the IP network,

wherein the gateway comprises a first group of servers which

receives data from the wireless terminal,

selects one of a plurality of destination addresses based on a header of the received data, and

forwards the data to the selected destination address,

wherein each of the first group of servers forwards the data to a server constituting a second group of servers corresponding to one of the plurality of destination addresses.

2. The communication system according to claim 1, wherein the number of servers constituting the second group of servers exceeds the number of servers constituting the first group of servers.

3. The communication system according to claim 1 or 2, wherein the selection specifies one of plurality of destination addresses to which the data is forwarded by rewriting a destination address designated by a header of the data.

4. The communication system according any one of claims 1-3, wherein an L2 tunnel is formed as a communication channel between the wireless terminal and the first group of servers.

5. The communication system according to any one of claims 1-4, wherein each server constituting the second group of servers is an instance on a cloud.

6. The communication system according to any one of claims 1-5, wherein each server constituting the first group of servers is an instance on a cloud.

7. The communication system according to any one of claims 1-6, wherein the second group of servers perform data processing to the data,

wherein the data processing is at least one of encryption of payload of the data, protocol conversion of the data, throughput control of data received from the wireless terminal and credential addition to payload of the data.

8. The communication system according to any one of claims 1-7, wherein the second group of servers perform downstream

data processing to data transmitted from the gateway to the wireless terminal,

wherein downstream data processing is at least one of resolution conversion of an image or a video included in the data, throughput control of data transmitted to the wireless terminal, priority control of data transmitted to the wireless terminal and execution of a function compliant with HTML5.

9. A communication method for providing an access to an IP network to a wireless terminal, comprising steps of:

a first group of servers of a gateway for passing data from the wireless terminal to the IP network receiving data from the wireless terminal at the gateway,

the first group of servers selecting one of a plurality of destination addresses based on a header of the received data, and

the first group of servers forwarding the data to the selected destination address,

wherein each of the first group of servers forwards the data to a server constituting a second group of servers corresponding to one of the plurality of destination addresses.

10. A program for having a gateway for passing data from a

wireless terminal to an IP network to perform a communication method for providing an access to the IP network to the wireless terminal, the communication method comprising steps of:

a first group of servers of the gateway receiving data from the wireless terminal at the gateway,

the first group of servers selecting one of a plurality of destination addresses based on a header of the received data, and

the first group of servers forwarding the data to the selected destination address,

wherein each of the first group of servers forwards the data to a server constituting a second group of servers corresponding to one of the plurality of destination addresses.