

CLAIMS:

1. An information processing apparatus comprising:

a memory that stores an identification of a client apparatus, a first email address assigned to a first user, and first permission information indicating that the first user has authority to use a service, while associating the identification, the first email address, and the first permission information with one another;

an authentication unit configured to create one or more unique uniform resource locators (URLs) indicative of access permission options such that each unique URL corresponds to a unique permission option;

a transmission unit that transmits, in a case where the identification has been received from the client apparatus, a first email addressed to the first email address stored in association with the identification that has been received, the email including the URLs generated by the authentication unit; and

a permission unit that permits, in a case where a reply corresponding to contents of the first email has been received from a terminal that receives the first email, use of the service in accordance with the first permission information stored in association with the first email address wherein the contents of the reply is identified by the specific URL accessed by the terminal that receives the first email.

2. The information processing apparatus according to Claim 1, further comprising:

an access unit that accesses, in a case where use of the first permission information has been permitted, a service providing apparatus using the first permission information in response to a request from the client apparatus.

3. The information processing apparatus according to Claim 1, wherein

the transmission unit transmits to the terminal a plurality of options regarding permission or rejection of use of the service, and

the permission unit permits, in a case where a first option among the plurality of options has been received from the terminal as the reply, use of the service using the first permission information.

4. The information processing apparatus according to Claim 3, wherein

the memory stores second permission information in association with the first mail address, the second permission information indicating that the first user has authority to use the service, the second permission information limiting use of the service compared with the first permission information,

the permission unit permits, in a case where a second option among the plurality of options has been received from the terminal as the reply, use of the second permission information stored in association with the first mail address, and

the access unit permits, in a case where use of the second permission information has been permitted, use of the service using the second permission information instead of the first permission information.

5. The information processing apparatus according to Claim 3, wherein

one or more operations, performing of which is permitted under the authority, are set for the first permission information,

the permission unit permits, in a case where a second option has been selected by the terminal as the reply from among the plurality of options, performing of one or some of the operations that have been set, and

the access unit permits, in a case where an operation, a request for which has been made from the client apparatus, is included in one or some of the operations, performing of which has been permitted, use of the service using the first permission information, and performs the operation that has been requested.

6. The information processing apparatus according to Claim 5, further comprising:

a request unit that requests, in a case where a third option has been selected by the terminal from among the plurality of options, input of a email address, to the client apparatus, wherein

the memory stores a second email address assigned to a second user and third permission information indicating that the second user has authority to use the service, while associating the second email address and the third permission information with each other,

the transmission unit transmits, in a case where the second email address has been received from the client apparatus, a second email addressed to the second email address that has been received,

the permission unit permits, in a case where access from a second terminal has been received in accordance with contents of the second email, use of the third permission information stored in association with the second email address, and

the access unit permits, in a case where use of the third permission information has been permitted, use of the service using the third permission information instead of the first permission information or the second permission information.

7. The information processing apparatus according to Claim 5, wherein the permission unit rejects the request in a case where a fourth option has been selected by the terminal from among the plurality of options.

8. A communication system that includes a client apparatus, a terminal used by a first user, and an information processing apparatus,

the information processing apparatus including;

a memory that stores an identification of the client apparatus, a first email address assigned to the first user, and first permission information indicating that the first user has authority to use a service, while associating the identification, the first email address, and the first permission information with one another,

an authentication unit configured to create one or more unique uniform resource locators (URLs) indicative of access permission options such that each unique URL corresponds to a unique permission option;

a first transmission unit that transmits, in a case where the identification has been received from the client apparatus, a first email addressed to the first email address stored in association with the identification that has been received, the email including the URLs generated by the authentication unit,

a permission unit that permits, in a case where access from the terminal that receives the first email has been received in accordance with contents of the first email, use of the first permission information stored in association with the first email address wherein the contents of the reply is identified by the specific URL accessed by the terminal that receives the first email, and

a first access unit that uses a service permitted in accordance with the first permission information,

the terminal including

a display that displays the first email that has been received from the information processing apparatus,

an operation unit, and

a second access unit that accesses the information processing apparatus in a case where an operation for permitting use of the service has been performed using the operation unit, in accordance with contents of the first email,

the client apparatus including

a second transmission unit that transmits the identification to the information processing apparatus, and

a request unit that makes a request to the information processing apparatus.

9. An information processing method comprising:

storing an identification of a client apparatus, a first email address assigned to a first user, and first permission information indicating that the first user has authority to use a service, while associating the identification, the first email address, and the first permission information with one another;

creating one or more unique uniform resource locators (URLs) indicative of access permission options such that each unique URL corresponds to a unique permission option;

transmitting, in a case where the identification has been received from the client apparatus, a first email addressed to the first email address stored in association with the

identification that has been received, the email including the URLs generated by the authentication unit; and

permitting, in a case where a reply corresponding to contents of the first email has been received from a terminal that receives the first email, use of the service in accordance with the first permission information stored in association with the first email address wherein the contents of the reply is identified by the specific URL accessed by the terminal that receives the first email.

10. A program causing a computer to execute a process for image processing, the computer including a memory that stores an identification of a client apparatus, a first email address assigned to a first user, and first permission information indicating that the first user has authority to use a service, the identification, the first email address, and the first permission information being associated with one another, the process comprising:

creating one or more unique uniform resource locators (URLs) indicative of access permission options such that each unique URL corresponds to a unique permission option;

transmitting, in a case where the identification has been received from the client apparatus, a first email addressed to the first email address stored in association with the identification that has been received, the email including the URLs generated by the authentication unit; and

permitting, in a case where access from a terminal that receives the first email has been received in accordance with contents of the first email, use of the service in accordance with the first permission information stored in association with the first email address wherein the contents of the reply is identified by the specific URL accessed by the terminal that receives the first email.