

{Claims}

{Claim 1}

A relay device which relays connection to a requested server based on a connection request from a client terminal, comprising:

an receiving unit which receives a user ID and a password for logging in to the requested server from the client terminal;

a connection relay unit which relays the connection to the requested server without performing user authentication based on the user ID and the password received by the receiving unit at establishing a session with the requested server; and

a confirmation unit which confirms a validity of a combination of the user ID and the password received by the receiving unit with connecting to the requested server by way of different processing from connection relay processing of the connection relay unit;

wherein:

the connection relay unit establishes the session with the requested server when the confirmation unit confirms that the combination of the user ID and the password received by the receiving unit is correct.

{Claim 2}

The relay device according to claim 1, wherein: the confirmation unit confirms, by using either a predetermined protocol different from a protocol used in communication between the connection relay unit and the requested server or a protocol corresponding to a predetermined interface equipped in the requested server, the validity of the combination of the user ID and the password received by the receiving unit.

{Claim 3}

The relay device according to claim 2, wherein:

the predetermined interface equipped in the requested server has a service for receiving a predetermined request along with a user ID and a password which are given a validated authority by the requested server and then providing predetermined information, and

the confirmation unit transmits, to the service, a predetermined request including the user ID and the password received by the receiving unit and then, if the predetermined information is received in response from the service, determines that the combination of the user ID and the password received by the receiving unit is correct.

{Claim 4}

A relay method for relaying connection to a requested server based on a connection request from a client terminal, comprising steps of:

receiving a user ID and a password for logging in to the requested server from the client terminal;

relaying the connection to the requested server without performing user authentication based on the user ID and the password received in the step of receiving at establishing a session with the requested server; and

confirming a validity of a combination of the user ID and the password received on the step of receiving with connecting to the requested server by way of different processing from connection relay processing in the step of relaying the connection;

wherein:

in the step of relaying the connection the session with the requested server is established when it is confirmed in the step of confirming that the combination of the

user ID and the password received in the step of receiving is correct.

{Claim 5}

A computer program causing a computer to function as a relay device which relays connection to a requested server based on a connection request from a client terminal, which causes the computer to function as:

receiving means for accepting a user ID and a password for logging in to the requested server from the client terminal;

connection relay means for relaying the connection to the requested server without performing user authentication based on the user ID and the password received by the receiving means at establishing a session with the requested server; and

confirmation means for confirming a validity of a combination of the user ID and the password received by the receiving means with connecting to the requested server by way of different processing from connection relay processing of the connection relay means,

wherein:

the connection relay means establishes the session with the requested server when the confirmation unit confirms that the combination of the user ID and the password which have been accepted by the receiving unit is correct.

{Claims}

{Claim 1}

A relay device which relays connection to a requested server based on a connection request from a client terminal, comprising:

a receiving unit which receives a user ID and a password for logging in to the requested server from the client terminal;

a confirmation unit which confirms a validity of a combination of the user ID and the password received by the receiving unit with accessing to the requested server using the combination of the user ID and the password by way of different processing from connection relay processing between the client terminal and the requested server; and

a connection relay unit establishes a session between the client terminal and the requested server under condition where the confirmation unit confirms that the combination of the user ID and the password is correct, and then relays the connection from the client terminal to the requested server.

{Claim 2}

The relay device according to claim 1, wherein: the confirmation unit confirms, by using either a predetermined protocol different from a protocol used in communication between the connection relay unit and the requested server or a protocol corresponding to a predetermined interface equipped in the requested server, the validity of the combination of the user ID and the password received by the receiving unit.

{Claim 3}

The relay device according to claim 2, wherein:

the predetermined interface equipped in the requested server has a service for

receiving a predetermined request along with a user ID and a password which are given a validated authority by the requested server and then providing predetermined information, and

the confirmation unit transmits, to the service, a predetermined request including the user ID and the password received by the receiving unit and then, if the predetermined information is received in response from the service, determines that the combination of the user ID and the password received by the receiving unit is correct.

{Claim 4}

A relay method for relaying connection to a requested server based on a connection request from a client terminal, comprising steps of:

receiving a user ID and a password for logging in to the requested server from the client terminal;

confirming a validity of a combination of the user ID and the password received by a receiving unit with accessing to the requested server using the combination of the user ID and the password by way of different processing from connection relay processing between the client terminal and the requested server; and

establishing a session between the client terminal and the requested server under condition where a confirmation unit confirms that the combination of the user ID and the password is correct, and then relays the connection from the client terminal to the requested server.

{Claim 5}

A computer program causing a computer to function as a relay device which relays connection to a requested server based on a connection request from a client

terminal, which causes the computer to function as:

receiving means for accepting a user ID and a password for logging in to the requested server from the client terminal;

confirmation means for confirming a validity of a combination of the user ID and the password received by the receiving means with accessing to the requested server using the combination of the user ID and the password by way of different processing from connection relay processing between the client terminal and the requested server; and

a connection relay means which establishes a session between the client terminal and the requested server under condition where the confirmation unit confirms that the combination of the user ID and the password is correct, and then relays the connection from the client terminal to the requested server.