

Claims

1. An access control device for controlling access of a client terminal to a server constituting a predetermined system, comprising:
 - an application state management unit configured to perform processing related to the work application;
 - an application state determination unit configured to determine whether or not the work application has been submitted with reference to a user who logs into the client terminal and the work schedule information registered in the work schedule holding unit;
 - a screen generation unit configured to generate selection screen information to select, from one or more access rules created by an administrator of the predetermined system, an access rule used by a user who logs into the client terminal ; and
 - an access control unit configured to execute access control of the user in accordance with an access rule selected from access rules displayed based on the selection screen information.
2. The access control device according to Claim 1, further comprising:
 - a first storage unit configured to store one or more access rules created by an administrator of the predetermined system; and
 - a second storage unit configured to store an access rule, selected by a user from one or more access rules displayed based on selection screen information generated by the screen generation unit, as an access rule which is applied at executing access control of the user.
3. The access control device according to Claim 2, wherein:
 - the screen generation unit refers the second storage unit, in response to an inquiry request from the client terminal about an access rule allowed for a user, to specify the access

rule allowed for the user, and generates specifying screen information indicating a name for specifying an access rule associated with the user who has requested the inquiry or a predetermined user group to which the user belongs.

4. The access control device according to Claim 2 or 3, further comprising:

a rule search assist unit configured to search for an access rule stored in the first storage unit, wherein,

the rule search assist unit is configured to generate screen information, in response to a request from a user for searching for an access rule, on which the access rule is able to be searched for by specifying a name of the access rule or a name of a connection destination node.

5. The access control device according to Claim 2 or 3, further comprising:

a rule search assist unit configured to search for an access rule stored in the first storage unit is provided, wherein,

the rule search assist unit is configured to generate screen information indicating an access rule which has been used by the user or a predetermined user group to which the user belongs.

6. An access control method for controlling access from a client terminal to a server constituting a predetermined system, including:

an application state management step to perform processing related to the work application;

an application state determination step to determine whether or not the work application has been submitted with reference to a user who logs into the client terminal and the work schedule information registered in the work schedule holding unit;

a screen generation step for generating selection screen information to select, from one or more access rules created by an administrator of the predetermined system,

an access rule used by a user who logs into the client terminal; and an access control step for executing access control of the user in accordance with an access rule selected from access rules displayed based on the selection screen information.

7. A computer program causing a computer to function as an access control device which controls access from a client terminal to a server constituting a predetermined system, the program to causing the computer to function as :

an application state management means for processing related to the work application;

application state determination means for determining whether or not the work application has been submitted with reference to a user who logs into the client terminal and the work schedule information registered in the work schedule holding unit;

screen generation means for generating selection screen information to select, from one or more access rules created by an administrator of the predetermined system, an access rule used by a user who logs into the client terminal; and access control means for executing access control of the user in accordance with an access rule selected from access rules displayed based on the selection screen information.

Claims

1. An access control device for controlling access of a client terminal to a server constituting a predetermined system, comprising:
 - an application state management unit configured to decide whether a work application information from a user matches with execution condition information for that user; and
 - an application state determination unit configured to determine whether or not the work application has been submitted with reference to a user who logs into the client terminal and a work schedule information registered for that user;
 which further comprises:
 - an access rule holding unit storing one or more access rules created by an administrator of the predetermined system for each user;
 - an execution condition holding unit storing an actual access rule which is actually applied at executing access control of a user who logs into the client terminal as execution condition information,
 - a screen generation unit configured to generate selection screen information to make the client terminal display it for a user logged into the client terminal to select, from the one or more selective access rules, stored in the access rule holding unit for the user, an access rule to be used by a the user logged into the client terminal; and
 - an access control unit configured to make the execution condition holding unit store the access rule selected at the client terminal as the actual access rule and to execute access control of the user in accordance with the access rule stored in the execution condition holding unit.
2. The access control device according to Claim 1, wherein:

the screen generation unit refers the execution condition holding unit, in response to an inquiry request from the client terminal about an access rule allowed for a user, to specify the access rule allowed for the user, and generates specifying screen information indicating a name for specifying an access rule associated with the user who has requested the inquiry or a predetermined user group to which the user belongs.

3. The access control device according to Claims 1 or 2, further comprising:

a rule search assist unit configured to search for an access rule stored in the first storage unit, wherein,

the rule search assist unit is configured to generate screen information, in response to a request from a user for searching for an access rule, on which the access rule is able to be searched for by specifying a name of the access rule or a name of a connection destination node.

4. The access control device according to Claim 1 or 2, further comprising:

a rule search assist unit configured to search for an access rule stored in the access rule holding unit is provided, wherein,

the rule search assist unit is configured to generate screen information indicating an access rule which has been used by the user or a predetermined user group to which the user belongs.

5. An access control method for controlling access from a client terminal to a server constituting a predetermined system, including:

an application state management step to decide whether a work application information from a user matches with execution condition information for that user;

an application state determination step to determine whether or not the work application has been submitted with reference to a user who logs into the client terminal and a work schedule information registered for that user;

which further includes:

an access rule holding step to store one or more access rules created by an administrator of the predetermined system for each user;

an execution condition holding step to store an actual access rule which is actually applied at executing access control of a user who logs into the client terminal as execution condition information,

a screen generation step for generating selection screen information to make the client terminal display it for a user logged into the client terminal to select, from the one or more selective access rules stored in the access rule holding unit for the user, an access rule to be used by the user logged into the client terminal; and

an access control step to make the execution condition holding unit store the access rule selected at the client terminal as the actual access rule and for executing access control of the user in accordance with the access rule stored in the execution condition holding unit.

6. A computer program causing a computer to function as an access control device which controls access from a client terminal to a server constituting a predetermined system, the program to causing the computer to function as :

an application state management means for deciding whether a work application information from a user matches with execution condition information for that user;

an application state determination means for determining whether or not the work application has been submitted with reference to a user who logs into the client terminal and a work schedule information registered for that user;

an access rule holding means for storing one or more access rules created by an administrator of the predetermined system for each user;

an execution condition holding means for storing an actual access rule which is actually applied at executing access control of a user who logs into the client terminal as execution condition information,

a screen generation means for generating selection screen information to make the client terminal display it for a user logged into the client terminal to select, from the one or more selective access rules, stored in the access rule holding unit for the user, an access rule to be used by the user logged into the client terminal; and

an access control means to make the execution condition holding unit store the access rule selected at the client terminal as the actual access rule and for executing access control of the user in accordance with the access rule stored in the execution condition holding unit.