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(57) Abstract :
The present invention provides a dynamic firewall configuration in cloud networks using reinforcement learning. The system is economical. Easy to operate and use. The system is time efficient. The processor includes a command line interface module, a worldwide web module, an authentication value module, a filter storage module, and a virtual machine information release module. The command line interface module is used for viewing the reference configuration of the dynamic address group, the authentication module, the network access control list, and the security policy. The World Wide Web module is used for checking the configuration of the dynamic address group, the authentication module, and the communication with the command line module. The authentication value module is used for collecting management node information of the command line configuration cloud platform.

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