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(54) **EXTENSIBLE SERVER MANAGEMENT FRAMEWORK BASED ON REVERSE CONNECTION PROTOCOL AND OPERATION METHOD THEREOF AND ACCESS OPERATING METHOD THEREOF**

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(57) **ABSTRACT**

A server management framework based on a reverse connection protocol according to various embodiments of the present disclosure may include: a user device; an agent installed in a server; and an integrated console, wherein the agent may be configured to request communication connection to the integrated console by a reverse connection protocol according to a command received from the integrated console, the integrated console may be configured to receive an access request to the server from the user device, and transmit an address of a connection socket to the user device and the agent, and the agent may be configured to create a shell, and request communication connection for the address of the connection socket, in response to receiving the address of the connection socket from the integrated console, and the user device and the server may be configured to be communication-connected through the connection socket. Various other embodiments are possible.