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(54) **SYSTEM AND METHOD FOR MANAGING  
REMOTE ACCESS TO A CLOUD-BASED  
VIRTUAL COMPUTER NETWORK USING A  
VIRTUAL JUMPBBOX INFRASTRUCTURE**

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(57) **ABSTRACT**

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System and computer-implemented method for managing remote access to managed components in a cloud-based virtual computer network uses a virtual jumpbox infrastructure to establish a cryptographic network protocol connection between the virtual jumpbox infrastructure and the cloud-based virtual computer network on behalf of a user interface making a request for remote access to the cloud-based virtual computer network. After the cryptographic network protocol connection has been established, communication data between the user interface and a target managed component in the cloud-based virtual computer network is automatically moderated at the virtual jumpbox infrastructure at a data path that is not within the cryptographic network protocol connection. The automatic moderation includes at least one of inserting new information into the communication data and removing existing information from the communication data.

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