STORAGE BLACK BOX

ABSTRACT

Embodiments of the invention are directed to a system, method, or computer program product for providing a storage allocation to a virtual machine in response to a service request including receiving a service request including a virtual machine and storage parameters and running a policy engine to determine appropriate storage allocation to achieve storage parameters received from the requester, which may include applying a set of policy-based rules to the received storage parameters to determine one or more appropriate logical components of storage to map, to determine one or more array ports to enable, and to determine one or more network ports to enable in order to establish one or more communication channels between the operating system of the virtual machine and the provisioned component space. Component space is provisioned and a communication channel is established between the operating system to the component space based on the policy engine.

FIGURE 1