

CLLOUD SECURITY WITH GATEWAY MODEL TO MEET ELASTIC NATURE

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ABSTRACT

Cloud adoption is accelerating rapidly, driven by cost savings, agility, and efficiency. Whether users are extending internal resources or fully deploying in the cloud, organization needs to share the responsibility for security with service provider. This means that while cloud service providers (CSPs) cover the physical and network infrastructures and virtualization layer, responsible for securing the guest operating system, applications, data, and for meeting compliance regulations. If security doesn't go beyond the native cloud, then probably are not meeting shared responsibility. Users can increase overall protection and reduce administration by building elastic security into cloud architectures. To help shared responsibility, this paper provides the most complete set of recommended security capabilities and integrations available for cloud services such as AWS, Microsoft Azure, and VMware vCloud Air. When security is integrated with the leading cloud services platforms, cost and complexity go down, making it faster and easier for to meet security requirements while realizing the operational benefits of the cloud.

KEYWORDS: Cloud Security, CSP, Security Integration