

Using your favorite search engine or the resources of your library, identify firewall issues that might arise for a company that uses cloud computing in its online sales system. In about 100 words, summarize your findings in terms of the perimeter expansion problem.

When a company adopts cloud computing for its online sales system, several firewall issues may arise due to the perimeter expansion inherent in cloud environments. As companies adopt hybrid cloud models, integrating on-premises and cloud firewalls becomes complex. Pricing, licensing, and automation issues may arise. Before deploying a cloud-based firewall, a specific security policy must be defined. This policy should outline which resources need protection, permitted applications, services, hosts, and networks. In traditional on-premises setups, firewalls are deployed at the network perimeter to protect internal resources. However, migrating to the cloud often involves rethinking network architecture and companies must review their existing design to ensure proper segmentation and isolation of resources. Also, monitoring and logging are very important. Companies should analyze firewall logs to detect anomalies, unauthorized access, or policy violations. Rather than relying solely on IP addresses, companies should adopt identity-based policies.

<https://www.linode.com/docs/guides/firewall-best-practices-for-securing-your-cloud-based-applications/>

[https://jis-urasipjournals.springeropen.com/articles/10.1186/s13635-016-0042-](https://jis-urasipjournals.springeropen.com/articles/10.1186/s13635-016-0042-3)