Cloud interoperability refers to the ability of customers to use the same management tools, server images and other software with a variety of cloud computing providers and platforms.

Standards are important in cloud computing for a variety of reasons. Standards for interoperability and data and application portability can ensure an open competitive market in cloud computing because customers are not locked-in to cloud providers and can easily transfer data or applications between cloud providers.

Why cloud interoperability and standards?

Vendor lock-in can prevent a customer from switching to another competitor’s solution. If switching is possible, it happens at considerable conversion cost and requires significant amounts of time.Switching heppen because may be customer wants to find a more suitable solution for customer needs.Or vendor may not be able to provide the service required.So, the presence of standards that are actually implemented and adopted in the cloud computing community gives power for interoperability and then lessen the risks resulting from vendor lock-in.