Discussion 3.1: Deciding Between a Public or a Private Cloud in Your Industry

**Deciding Between a Public or a Private Cloud in Your Industry**

In the last few videos, you learned about the key considerations for deciding between a public or a private cloud. Now reflect on your industry or an industry of your choice. Craft a discussion post that addresses the following questions:

* Would it be better to use a public or a private cloud solution in your industry? Why?
* How would the data infrastructure be managed and secured in your solution?

You are encouraged to go through your peers' posts and share your feedback.

* Would it be better to use a public or a private cloud solution in your industry? Why?

As my company working in the finance sector and providing technology solutions to the clients and also as we are strictly under the investigation of the finance authorities, it is better for us to use hybrid cloud solutions based on the below advantages

“

* **Control**— the organization can maintain a private infrastructure for sensitive assets or workloads that require low latency.
* **Flexibility**— the organization can take advantage of additional resources in the public cloud when you need them.
* **Cost-effectiveness**—with the ability to scale to the public cloud, organizations pay for extra computing power only when needed.
* **Ease**—transitioning to the cloud doesn’t have to be overwhelming because organizations can migrate gradually—phasing in workloads over time.

”\*1

\*1 -  <https://azure.microsoft.com/en-us/overview/what-are-private-public-hybrid-clouds/#benefits>

 \*\* Hybrid cloud is a type of cloud computing that combines on-premise and public or private cloud infrastructures.

* How would the data infrastructure be managed and secured in your solution?

Hybrid cloud computing systems gives the ability to the companies to control and manage their data in many ways even AI-enabled security is possible. Also, for the data residency requirements like the finance sector certain sets of data can be kept on-premise while other workloads reside in the public cloud.