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Case Study9

Task1

Some important security concerns that are discussed include network availability, cloud provider viability, security incidents, disaster recovery and business continuity, transparency, and loss of physical control.

Task2

In this product,we should use layered architecture patterns.We separated into five layers.

**Presentation layer**

**Business layer**

**Persistence layer**

Security layer

**Database layer**

Task3

Product team use enterprise architecture ,when performed in a disciplined agile manner, is an important enabler of agile software delivery.

This is true for several reason.

1. **Common architecture enables agile teams to focus on value creation**.
2. **Common technical guidance enables greater consistency**.
3. **Agile architectures enable disaggregation**.
4. **Common infrastructure enables continuous delivery**.
5. **Enterprise architecture scales agile**.

Task4

Advantages of layer architecture pattern

* It provides modularity and clear interface
* Implementation simplicity, maintainability , flexibility and scalability are maintained
* Layered approach supports portability
* It provides robustness and preserves stability
* It is time test approach

Disadvantages of layered architecture pattern

* Data overhead and processing, due to the duplication of functionality
* The more layered you have, the more risk you have for things to get down or data to get lost
* Various issues regarding high layer VS low layer
* Result in complex exploitation of user intensive application