Conceptual Architecture:

A product Reference Architecture identifies the normal outlines of a system. The core of every reference architecture is the model. Models show components of the system, their relationships, and attributes that should be specified. A Reference Architecture can cover any domain. It can cover any part of an enterprise.

Recommendation : One Diagram per product line(My Account )

System Reference Architecture/ Realized Architeure:

A product Reference Architecture identifies the normal outlines of a system. The core of every reference architecture is the model. Models show components of the system, their relationships, and attributes that should be specified. A Reference Architecture can cover any domain. It can cover any part of an enterprise.

**System Architecture** is the **fundamental structure** of a system, defining how different components interact to achieve a specific functionality. It provides a **blueprint** for designing and implementing software, hardware, networks, and integrations within a system.

**Key Aspects of System Architecture:**

1. **Structure** – Defines the organization of **components, modules, and layers** within the system.
2. **Behavior** – Specifies how components **interact, communicate, and respond** to inputs.
3. **Technology Stack** – Identifies the **hardware, software, databases, cloud services, and tools** used.
4. **Integration** – Describes how the system interacts with **external services, APIs, databases, and other systems**.
5. **Performance & Scalability** – Ensures that the system can handle **increased load, latency, and availability** needs.
6. **Security** – Covers authentication, authorization, encryption, and compliance requirements.

Application/Component Architecture:

Cloud Architecure :

Deployment Architecture :