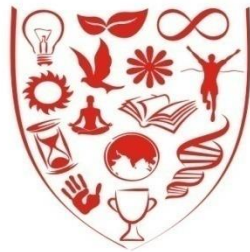


# CLOUD COMPUTING

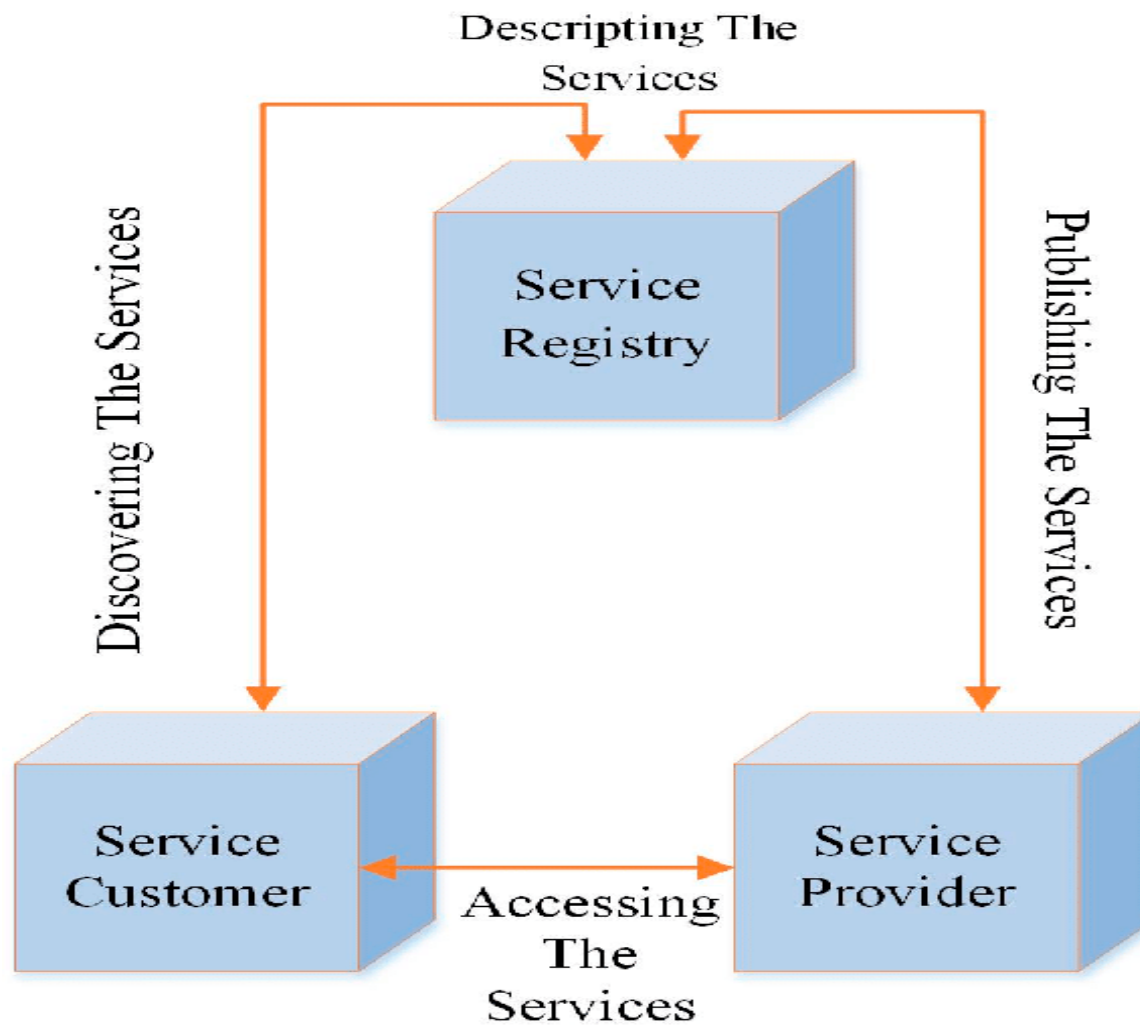


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# CONTENTS

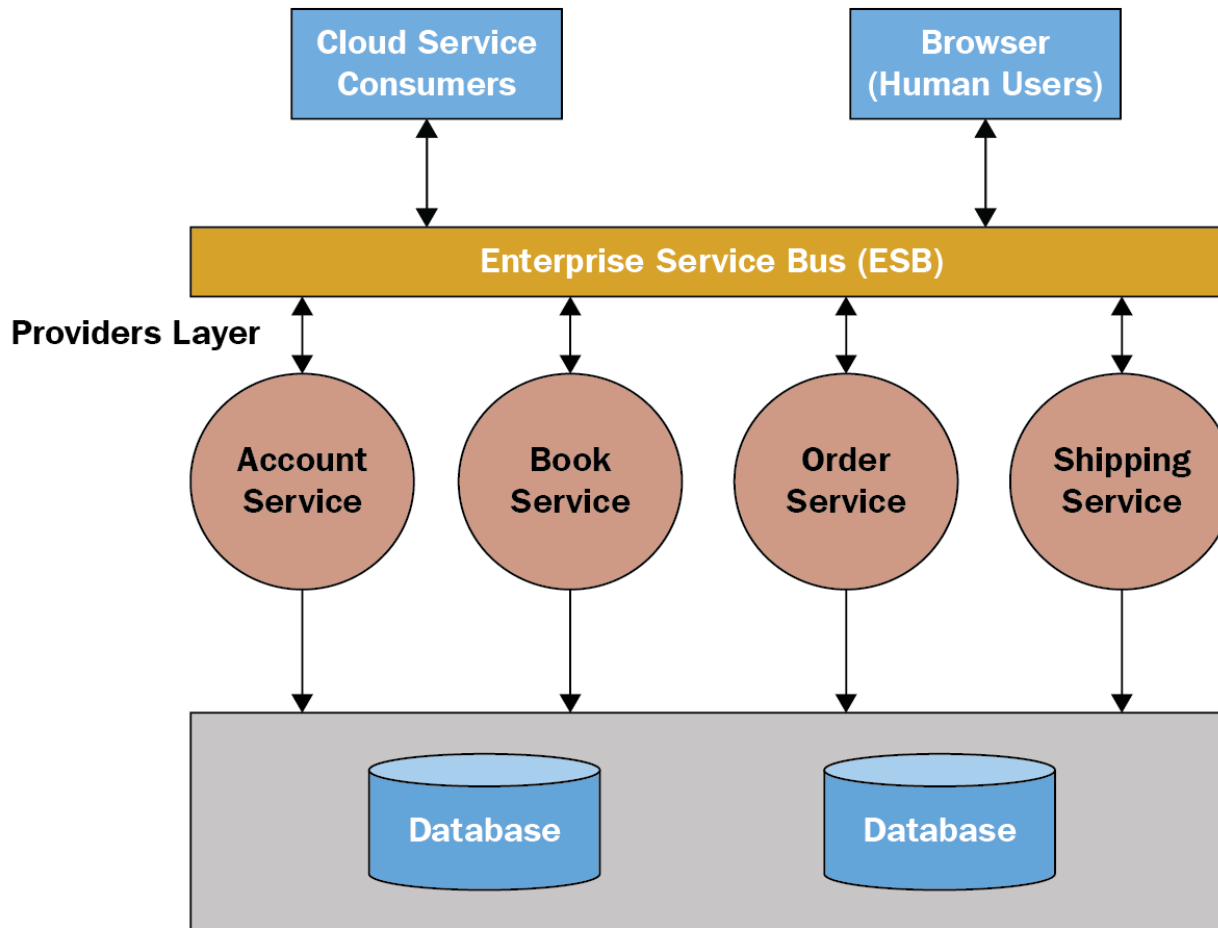
- SOA in Action
- Elements of SOA
- Syllabus
- Demonstrations

# SOA

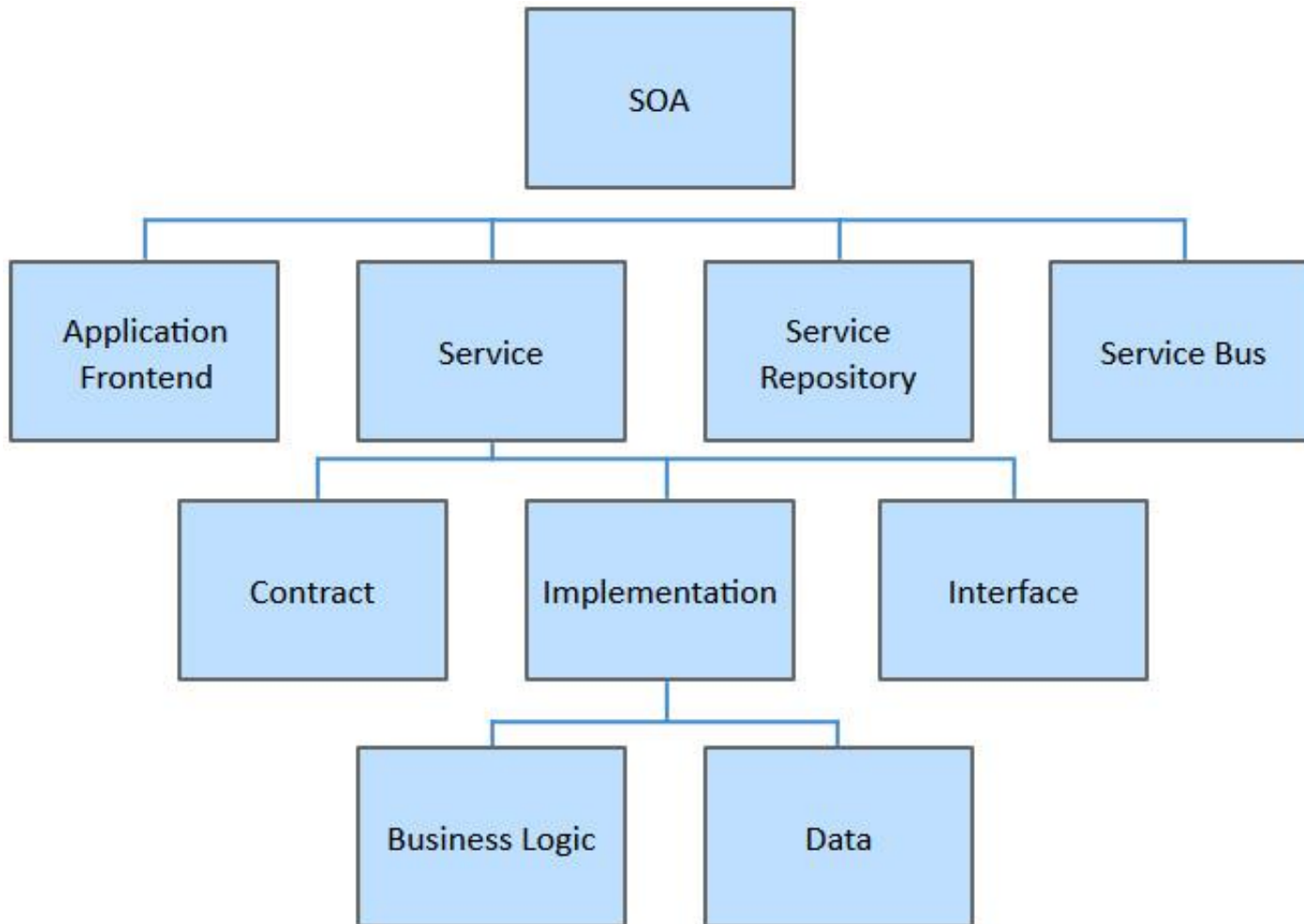


# SOA IN ACTION?

## Consumers Layer



# ELEMENTS OF SOA



# SOA BASED CLOUD INFRASTRUCTURE STEPS

- Analysis and Strategy
- Planning
- Implementation
- Value driven

# SYLLABUS

- **Unit I**
- **Introduction:** Business and IT perspective, Cloud and virtualization, Cloud services requirements, cloud and dynamic infrastructure, cloud computing characteristics, cloud adoption.
- **Cloud models:** Cloud characteristics, Measured Service, Cloud models, security in a public cloud, public verses private clouds, cloud infrastructure self service.
- **Unit II**
- **Cloud at a service:** Gamut of cloud solutions, principal technologies, cloud strategy, cloud design and implementation using SOA, Conceptual cloud model, cloud service demand.

# SYLLABUS

- **Unit III**
- **Cloud solutions:** Cloud ecosystem, cloud business process management, cloud service management, cloud stack, computing on demand, cloud sourcing.
- **Unit IV**
- **Cloud management:** Resiliency, Provisioning, Asset management, cloud governance, high availability and disaster recovery, charging models, usage reporting, billing and metering.
- **Unit V**
- **Cloud and SOA:** SOA journey to infrastructure, SOA and cloud, SOA defined,
- SOA and IAAS, SOA based cloud infrastructure steps, SOA business and IT services.



# DEMONSTRATIONS

- Launching a server(EC2)
- Hosting a website on server using IIS web server
- Creating S3 bucket and uploading data.
- Accessing data from S3 bucket into a website
- Creating a MySQL database and connecting it through MySQL client.

THANK YOU!!!