PARSHWANATH CHARITABLE TRUST'S



A.P. SHAH INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering
Data Science



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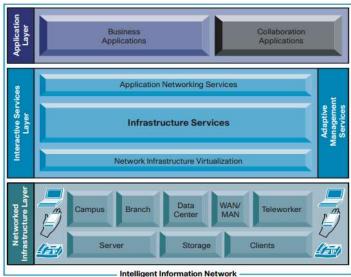
Semester: V

Subject: Computer Network

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The Cisco Service Oriented Network Architecture

- SONA is an architectural approach to connect Network Services to Applications to deliver Business Solutions.
- ➤ Enabling rapid adoption and deployment of new application services at a reduced cost of development and overhead
- Coordinating application and network events with business process to speed business agility Enforcing business policies in the application and network infrastructure to improve security and reduce risk.
- Aligning network resources to applications to meet business objectives to provide a competitive differentiation.



The benefits of SONA

- **Functionality:** Supports the organizational requirements.
- Scalability: Supports growth and expansion of organizational tasks by separating functions and products into layers; this separation makes it easier to grow the network.
- Availability: Provides the necessary services, reliably, anywhere, anytime.
- **Performance:** Provides the desired responsiveness, throughput, and utilization on a per application basis through the network infrastructure and services.
- Manageability: Provides control, performance monitoring, and fault detection.

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- Efficiency: Provides the required network services and infrastructure with reasonable operational costs and appropriate capital investment on a migration path to a more intelligent network, through step-by-step network services growth.
- **Security:** Provides for an effective balance between usability and security while protecting information assets and infrastructure from inside and outside threats.