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Analyzing the Role of Interfaces in Enterprise Service Bus: A Middleware Epitome for Service-Oriented Systems

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#### ACCEPTED MANUSCRIPT

#### **Highlights**

- Investigate on software based interface through well-defined connectors available in Enterprise Service Bus (ESB).
- Discusses core design principle for ESB based Interface in facilitating middleware solution
- Comparison between non-ESB and ESB as interface usage in facilitating services over network/cloud.
- A mathematical formulation to driven the relationship between multiple services.

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