Scalable Distributed Systems Using Dynamic Service Discovery

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Abstract

Scalability is one of the major features of Distributed Systems. Scalability is contributing a lot for popularity and increasing usage of Distributed Systems. Dynamic Service Discovery is a concept which emerged with the Service Oriented Architecture (SOA) and it helps to identify the services while systems running and interact with these services which are discovered by the Dynamic Service Discovery. The combination of Distributed Systems and Dynamic Service Discovery provides a highly scalable Distributed Systems implementation mechanism for Distributed Systems designers and architects. We have implemented highly scalable Distributed Systems prototype using the Dynamic Service Discovery.