

Structured peer-to-peer (P2P) architectures are a type of P2P network where peers are organized in a structured manner to efficiently locate and access resources. These architectures typically involve the following components and principles: * Overlay Network Construction * Key-Based Routing * Routing Tables * Resource Lookup Structured P2P architectures offer advantages such as scalability, efficient resource lookup, and fault tolerance. In structured P2P architectures, each peer maintains a routing table that enables them to efficiently locate resources or peers within the network.