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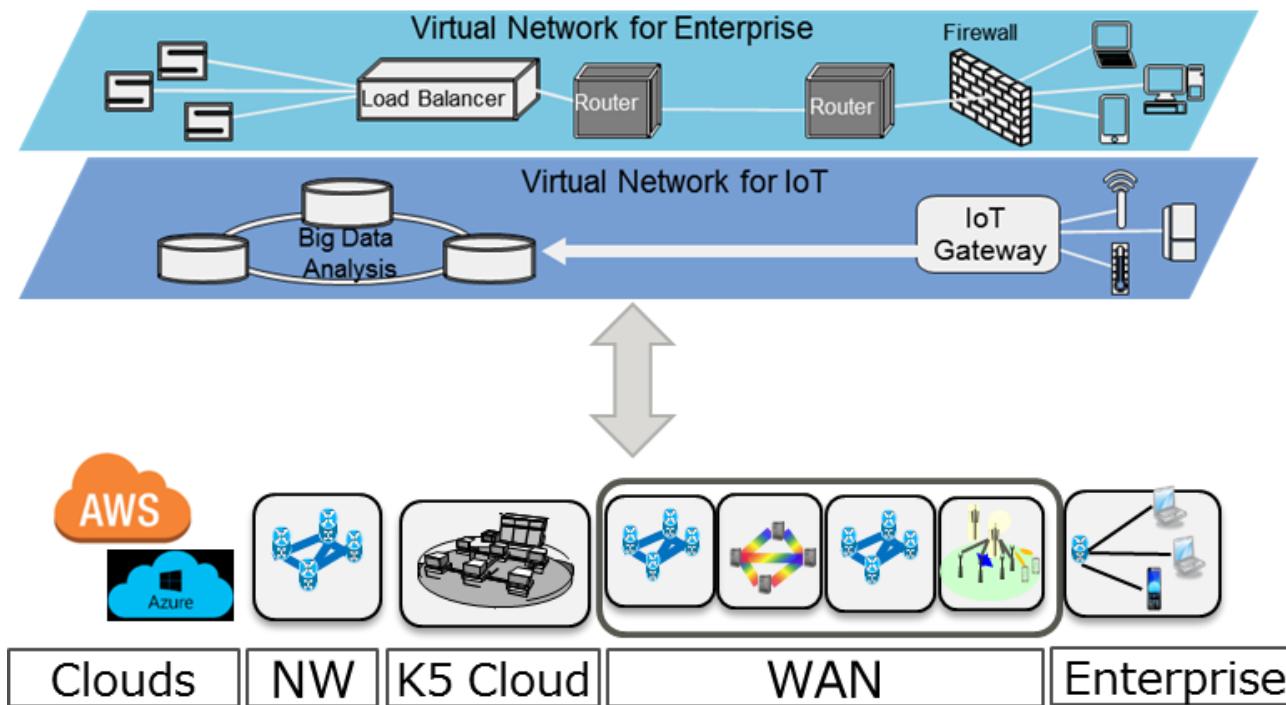
Network Orchestration Technology to Simplify Design and Operation of End-to-End Network Infrastructure

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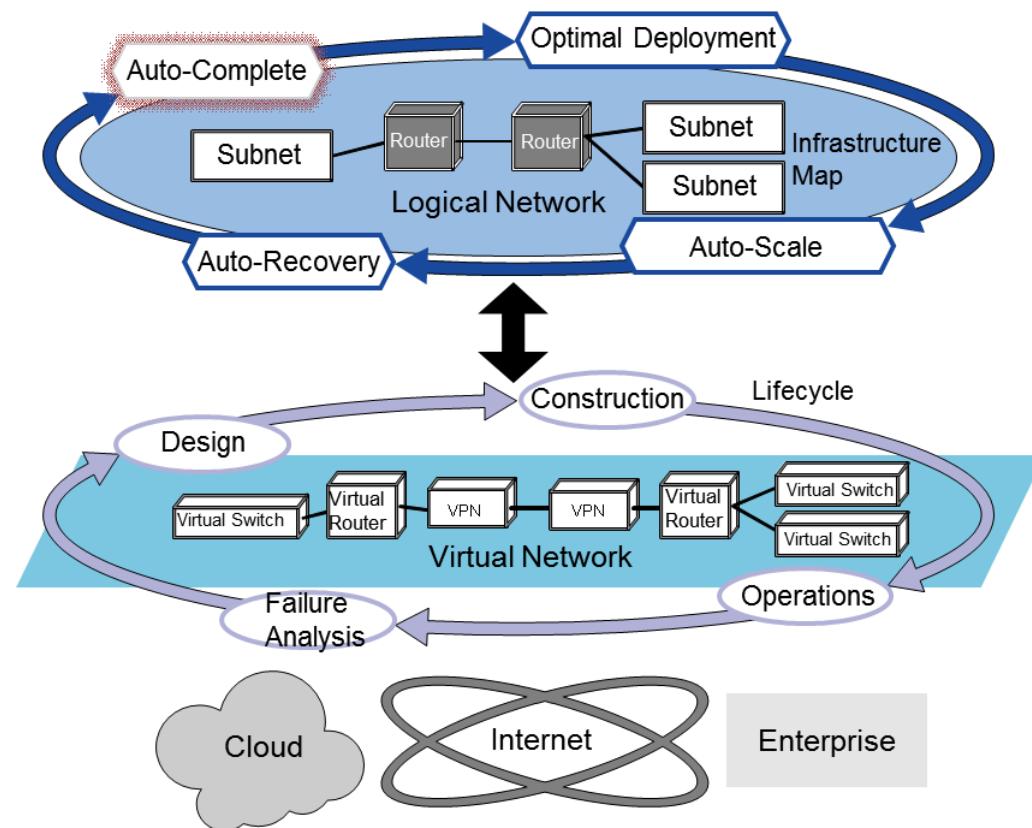
Motivation

- Enterprises are moving their application workloads to public cloud, requiring seamless network connectivity



- Challenges – mix of network infrastructures, physical and virtual network functions

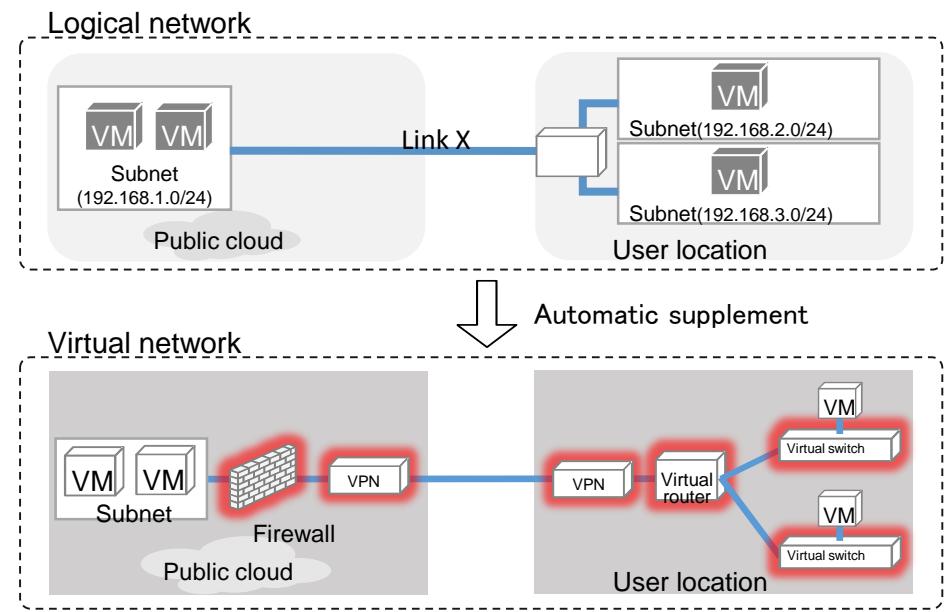
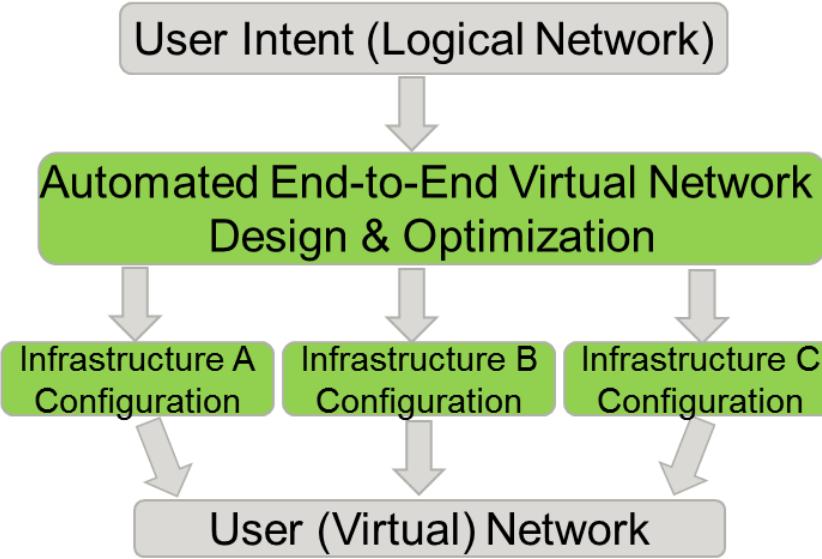
Virtual Network Object (VNO)



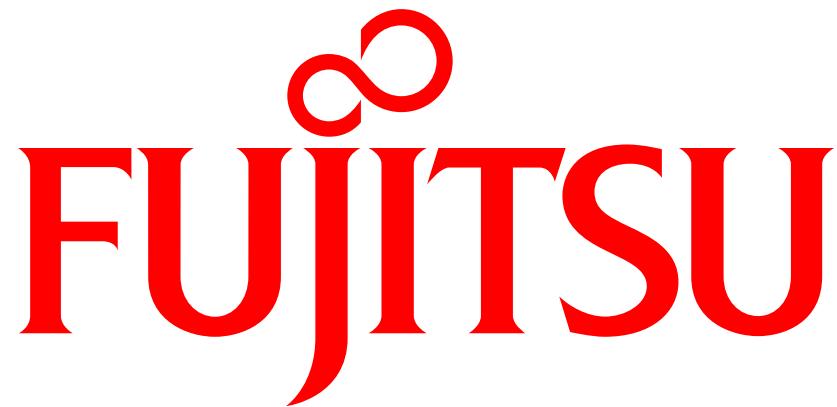
- Key abstraction to represent an end-to-end network service
- Contains methods to autonomously manage service behavior and the lifecycle
- Simplifies the creation, replication of virtual network services

Automated Design

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- Design End-to-End virtual network based on user's high-level intent and configure multiple infrastructures (hours to mins)



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