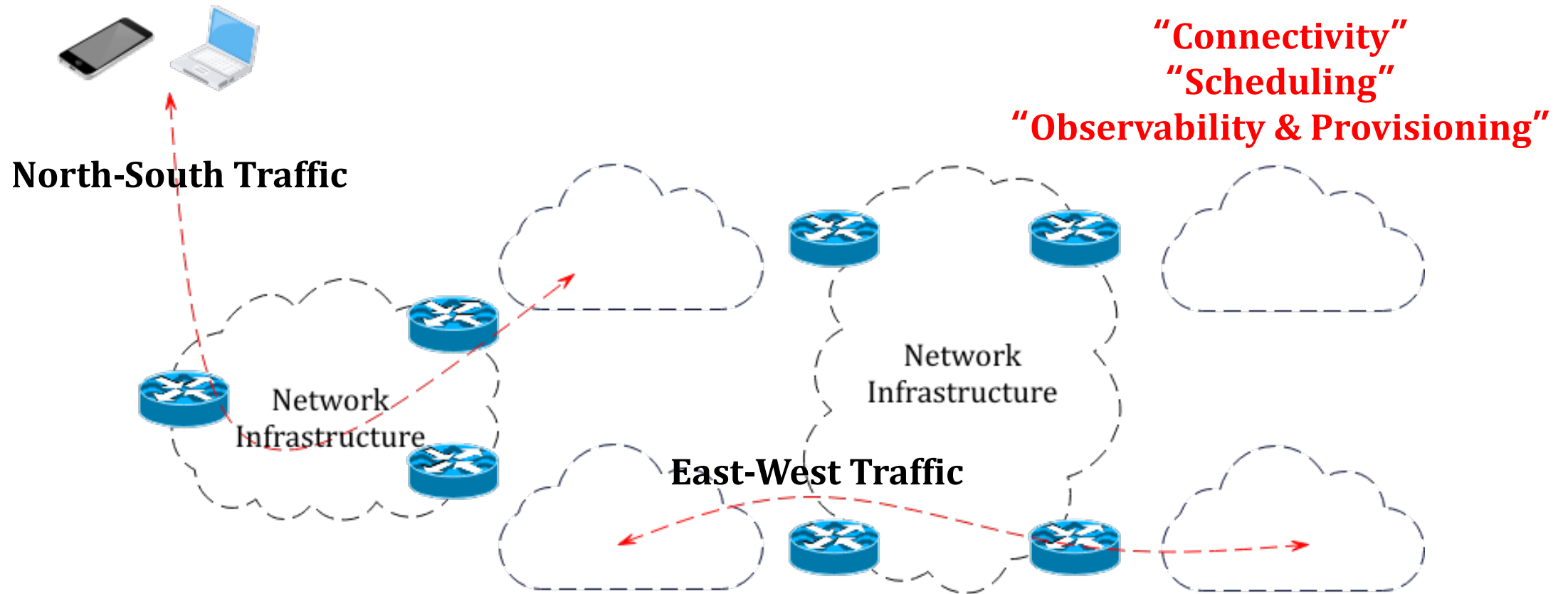


Pets vs Cattle

Standalone Service ID in Routing Network

Dongyu Yuan, ZTE Corporation

Diversity of apps, Coordination of micro-services



Identify and guarantee SLAs of multi-tasking flows, scheduling and orchestrating forwarding path for transient life cycle of computing tasks.

Difficiencies and Problems?

For Cloud Native era:
"Cattle" , Pods, Containers,
"Pet" , Physical Devices, VMs,

Cattle



"IP Address"

Pets



"Port"

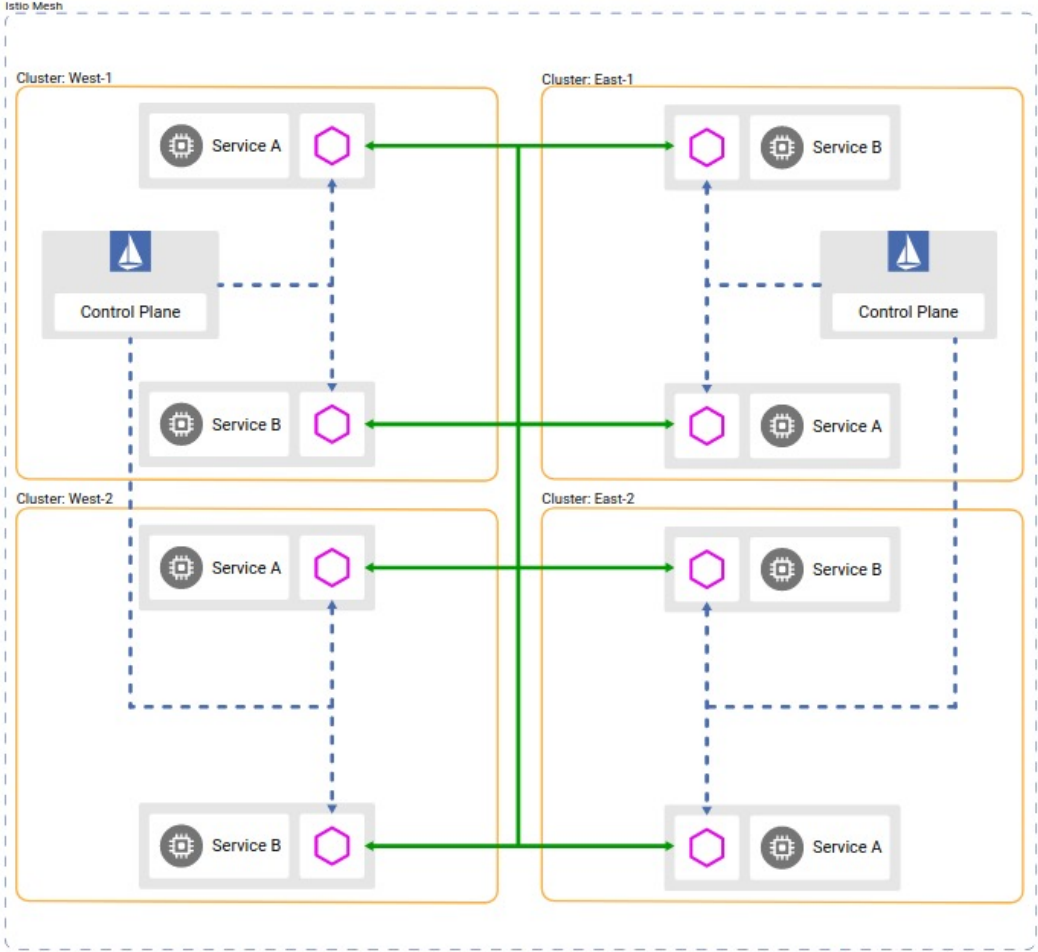
Services & Apps

IP network

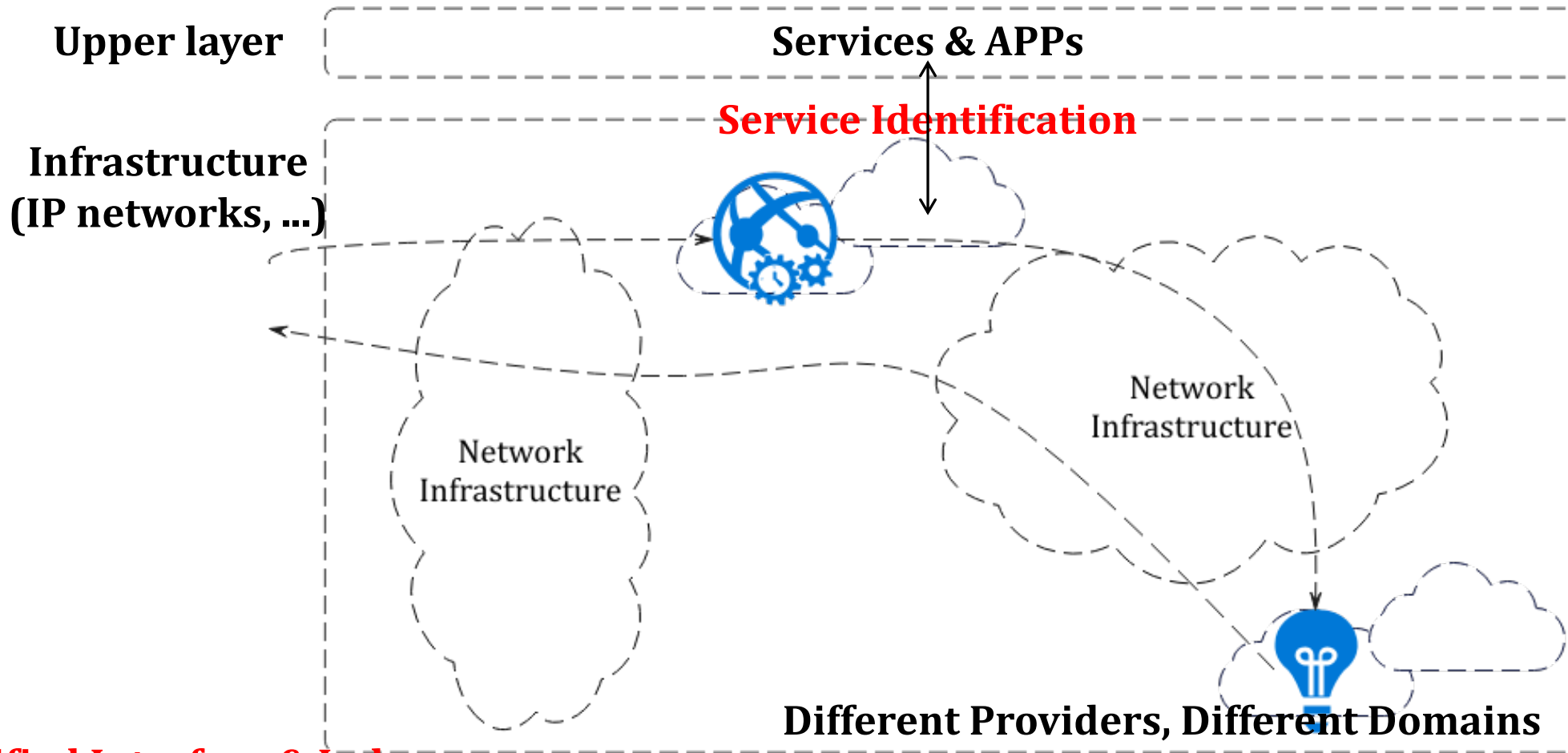
vs

Standalone Service ID - smart and agile **Pet**

Bureaucracy Style -
interceptions, proxies, sidecars, ...



Standalone Service ID in Routing Network



Unified Interface & Index :

Unique Semantics across Infrastructures designed for Full-circle of Service, Cross Layer, Reflection of Demands & Conditions

Side Meeting

18:30-20:00 P6-7 TUESDAY 19 March
Standalone Service ID in Routing Network

Standalone Service ID in Routing Network: Usecases, Problems and Requirements

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