## Al-Driven Federated Domain Operations for Ultra Resilient Services

## Description of PoC

Demonstrates the ability of a service provider to deliver orchestrated ultra-resilient services spanning multiple-operator networks with an aggregated fabric across the globe to support the most demanding cloud and enterprise applications.

## **SIGNIFICANCE**

The demand for ultra-resilient services with 100% network availability with granular reporting of service performance is growing as a result of increased usage of video, data intelligence and gaming applications. These applications often rely on cloud and network services running over global interconnection fabric architectures with distributed virtual and physical network functions in multiple operator domains. Al-driven network management replacing reactive fault-driven network management is essential for these new ecosystems.

will drive increased use of

mission-critical applications

cloud-based services for

and increased innovation.



tions and data, and to support new services and applications that require multiple domains, last mile access and edges with VNF and

cache mobility

interconnections for a global fabric to automate a robust demanding cloud applications and workflows. Define standard VNF/application models for operational agility Without an intelligent global fabric and interoperability of the of network and cloud access, overlay and identify suitable including last mile through the cloud data insights to be shared edge data center, there will be gaps among federated domains for in service and performance. proactive operations of a Providers will struggle to sustain global fabric to provide 100% service availability of applicaassured end-to-end SLAs.

**POC 111** 

**Participating** 

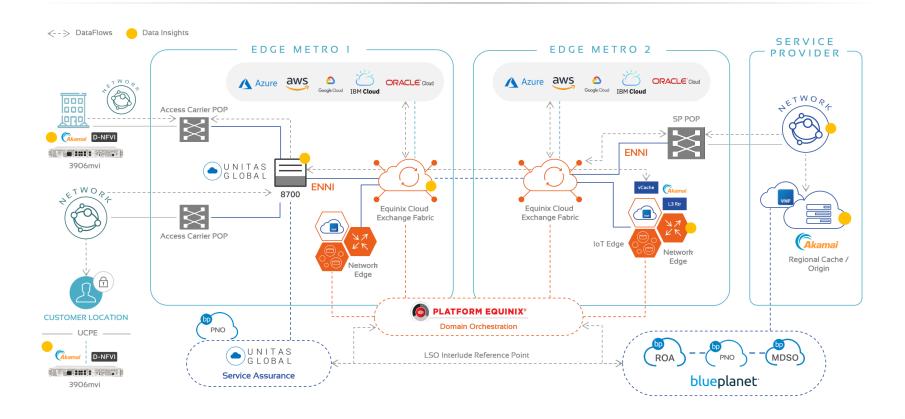
organizations

EQUINIX

UNITAS

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## MEF 3.0 Topic Areas

	Al-driven Network Management	LSO Orchestration
LSO Presto		
LSO Legato		
LSO Sonata		
LSO Interlude		



