**Infrastructure and Security Challenges Threaten Multi-Cloud and Edge Deployments**

70% of IT leaders think it’s “very important” to have a consistent operational experience between the edge and public and private clouds.

Distributing workloads across multiple clouds has strong benefits...

- Maximizes availability and reliability (63%)
- Fulfills regulatory and compliance requirements (47%)
- Leverages best-of-breed services from each provider (42%)

...however, there are still challenges to managing workloads across different multiple providers.

- 60% Secure and reliable connectivity between providers
- 54% Different support and consulting processes
- 53% Different platform services

**Deploying Apps At The Edge: Challenges**

While technology executives say deploying apps at the edge support IoT (57%), manufacturing (52%), and content delivery (46%), business concerns and technical challenges are prominent issues.

- 69% Difficulty of integrating cloud-native workflows like automation, CI/CD, and performance management
- 67% Trouble installing a full set of application infrastructure
- 44% Difficulty in managing apps across multiple edge locations
- 38% An inability to accommodate the IT infrastructure needed to host and operate at edge

Methodology: Propeller Insights was commissioned by Volterra to conduct a global study amongst 400 CIO’s, CTO’s, Enterprise Architects, Director’s/Vice President’s of IT Engineering, and DevOps professionals. Research was conducted throughout North America, Europe, and Asia.