VERSATILITY

Circuit Breaker: The Journey to Reinvent ExxonMobil's Network Edge

ExxonMobil

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Experience & Background

Professional Background

- 18+ years of experience across IT infrastructure, Cloud Platforms, DevOps, SRE, Observability, and Automation
- Extensive background driving large-scale enterprise transformation initiatives

Current Role

- Principal Technology Architect, IT Fellow – Product Solutions IT
- Responsible for enterprise architecture strategy and solutions across branch, data center, and cloud platforms supporting Downstream and Chemical business portfolios

Previous Role (Relevant to This Discussion)

- Principal Technology Architect, IT Fellow – Branch IT
- Led and responsible for global Branch and Edge enterprise technology infrastructure strategy, including network transformation and SD-WAN adoption

Key Experience for This Conversation

- Led SD-WAN strategy and large-scale deployment across global sites
- Drove modernization of branch connectivity to support cloud and collaboration platforms
- Led cross-functional execution model (engineering, vendors, agile teams) to scale transformation

Technical Expertise

- Infrastructure architecture, cloud platforms, DevOps & SRE practices, observability, and automation

Enablers

Resilient User Experience

Seamless failover and intelligent traffic steering help maintain application performance and minimize user disruption during network issues.

Cost Efficiency & Network Flexibility

Reduces reliance on premium circuits by leveraging a mix of connectivity options, delivering meaningful cost optimization while increasing flexibility.

Intelligent, Automated Traffic Management

Real-time performance monitoring and policy-driven routing automatically send traffic over the most reliable path—improving consistency for critical applications.

Enabler for Modern IT & Cloud Adoption

Provides a scalable foundation for cloud services, collaboration tools, and distributed work environments without requiring major infrastructure redesign.

Thank you

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