CASE STUDY

Large Fortune 500 Services Company Deploys Apstra for Cost-Effective Cloud Services

INDUSTRY

Services

APSTRA USE CASES

- Private Data Center
- OpenStack Hybrid Cloud
- Intent-Based Networking

SOLUTION

- Apstra Intent-Based Data Center Automation

COMPANY: Large Fortune 500 Services Company

CAPEX AND OPEX CHALLENGES

PRIVATE CLOUD

MULTI-VENDOR

Fortune 500 business focused on exploration, production, manufacturing, transport and power generation, with operations in 175+ countries. This organization turned to Intent-Based Data Center Automation to support their data center refresh initiative, with the goal of achieving greater agility and application reliability.

"Apstra's software is the best management and monitoring tool I've seen for networking in decades."

The mission was to implement a customized, secure on-premise cloud environment to support critical internal and external customer workloads. A turnkey platform was required to host diverse workloads, such as Internet of Things (IoT), Smart Cities, and cyber security threat profiling. Deploying Apstra enabled this business to onboard workloads as easy as with public clouds, with lower TCO and better IT productivity. Apstra gave the networking, operations, and cloud teams a risk-free approach to implement a cloud software stack and white box hardware. Apstra's technology allowed the networking and operations teams to manage and control the data center network, prevent unauthorized access, log changes, continuously monitor and alert, and eliminate manual, error-prone configuration through automation. Ultimately, this business benefited from greatly enhanced agility, reliability and reduced costs.

CHALLENGES

- Massively lower TCO (CapEx and OpEx) to deliver profitable, and competitive cloud services
- Maintain operational visibility
- Improve network management, automation and control
- Have a single source of truth for auditing and control
- Ability to add new physical network devices to accommodate future growth

BUSINESS IMPACT AND RESULTS:

- Massive reduction in TCO (CapEx and OpEx)
- Increased control, auditability and security
- Ease of management with ability to scale virtual servers, containers and physical network quickly
- Automation of the entire lifecycle of network services

"Apstra's solution provided unparalleled value and flexibility."

Intent-Based Data Center Automation

Digital transformation is driving business strategy. Companies that are successful in making the shift see an increase in revenue and lower operational costs and are more profitable. Consequently, "89% of businesses now have digital initiatives underway," according to a ZK Research 2018 IT Priorities Study. The automation capabilities delivered by an Intent-Based Data Center can radically change the operational model and enable businesses to slash the costs of running the data center and focus more on innovation. If businesses are to flourish in the digital era, evolving to an Intent-Based Data Center must be one of their top priorities. To learn more about if Intent-Based Data Center Automation is right for your business, download the **Intent-Based Data Centers are the Next Evolutionary Step for Enterprises** white paper.

About Apstra

Apstra® Intent-Based Data Center Automation increases application availability and reliability, simplifies deployment and operations, and dramatically reduces costs for Enterprises, Cloud Service Providers, and Telcos. Apstra empowers Intent-Based Data Centers through its pioneering Intent-Based Networking, distributed system architecture, and vendor-agnostic overlay. Headquartered in Menlo Park, California and privately funded, Apstra is a Gartner Cool Vendor and Best of VMworld winner. For more information visit: **www.apstra.com** or follow us on twitter **@ApstraInc**.

To learn more about Apstra, please visit **www.apstra.com.**