Boosting digitization through Google Cloud Platform at a leading pharma company

Challenges

- An integrated approach across five pillars – GCP account setup, Identity and access management, Connectivity, Security, Observability
- Following up on the GCP best practices and Google recommended products stack
- Highly scalable infrastructure catering to requirements across different business units
- Consolidated billing, data usage, and insights with security compliance across all accounts
- Seamless integration across 3rd party products and google services with audit compliance

Solution

- Infrastructure as a code (IaC) approach for creation of integrated, automated, and secured environments
- Sprint based Agile approach to provide periodic sprint reviews/demos, and course correction based on the reviews
- Recommended selection of Google suggested tools across 5 themes of environment setup
- Security–Google Identity and Access Management (IAM) policies built into Infrastructure as Code (IaC) design, Active Directory (AD) integration with Ping, automated labelling of resources, and Cloud anomaly detection
- Scoutsite integrated into IaC, Splunk for Security events, Qualys and Trend Micro integration, automated image hardening process, and CIS benchmark compliance
- Highly advance Infrastructure monitoring set up using Stackdriver with Pager Duty alerts
- Close alignment with google support team to ensure compliance on best practices

Value delivered

- Faster Implementation- With 44 stories spread across 5 themes the whole engagement was delivered in just 15 weeks
- Optimized efforts and cost- More than 25% of efforts and cost savings with secured foundation setup
- Business agility and outcome- Leveraged Infrastructure as a code concept to produce reusable temples across multiple environments
- Integrated data and defect-free delivery- Inclusive approach (periodic demos and code walkthrough)
- Security and Risk compliant infrastructure
- Cloud Security

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