



Revolutionizing SAP Workloads with GlobalPoint: A Multi-Cloud Transformation Success

Introduction:

Facing growing demands for agility, scalability, and cost efficiency, a leading multinational corporation (MNC) partnered with GlobalPoint Inc. to revolutionize its' SAP workload management. By transitioning their on-premises SAP landscape to a robust multi-cloud environment across AWS and Azure, GlobalPoint achieved significant operational efficiency and set the stage for long-term innovation to provide a standardized end-to-end framework, toolchain, and expert guidance.

Cloud Transformation Strategy:

The strategy focused on a phased approach:

1. GlobalPoint Inc. used a phased, data-driven approach to ensure a seamless transition. We started with a comprehensive assessment of MNC SAP Cloud landscape, and prioritized workloads based on criticality and identified AWS for complicated tasks and Azure for database operations. GlobalPoint strategy ensured maximum cost efficiency and performance optimization.
2. We ensured the highest level of security for MNC SAP cloud tenant and business data by maintaining strict compliance with ISO standards, obtaining SOC certifications, and implementing continuous monitoring. With these measures in place, data was protected against threats, giving MNC peace of mind and confidence in their cloud environment.

Workload Details:

For SAP ECC, the transition required meticulous handling of legacy dependencies. By leveraging AWS's high-performance compute capabilities, we minimized downtime and ensured zero data loss. Similarly, Azure's database solutions streamlined the migration of critical custom applications.



Workload Type	Purpose	Operating System	Cloud Platforms	Migration Approach
SAP ECC	Core ERP system for business operations	Windows/Unix	AWS & Azure	Lift & Shift
Client/Server Applications	Custom apps tailored for business needs	Unix/Windows	AWS & Azure	Lift & Shift
Unix Workstations	Specialized systems for various tasks	Unix	AWS	Lift & Shift

How It Happened:

1. Using Terraform and Ansible, we automated provisioning across AWS and Azure. This approach reduced deployment time by 60%, enabling faster iterations during testing phases.
2. Challenges: The migration required synchronizing real-time data replication across continents.

To address this, we implemented robust validation mechanisms, ensuring a seamless transition with minimal disruption.

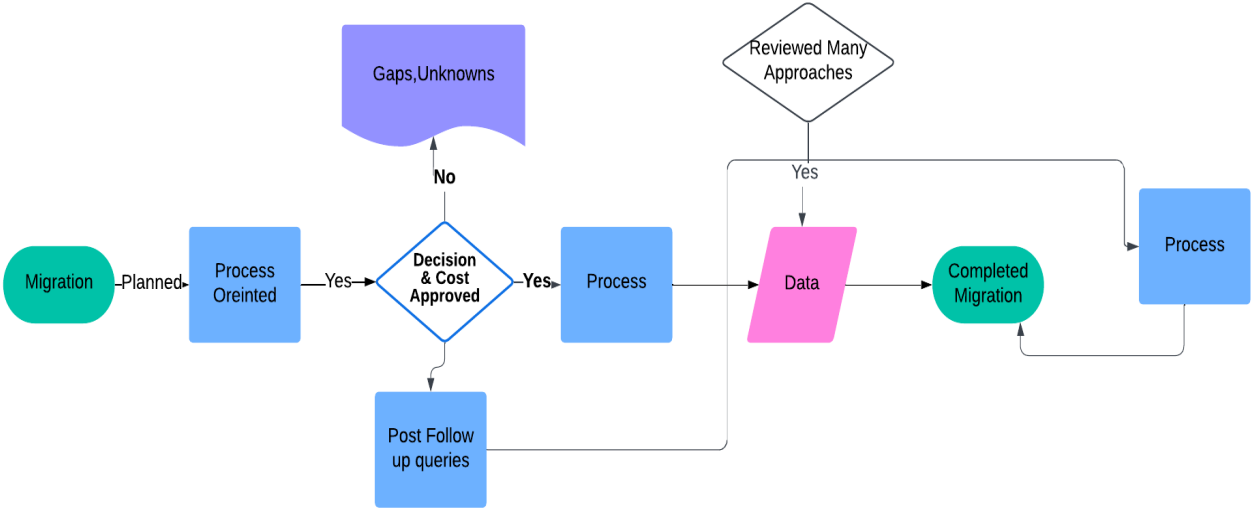
Choosing a Migration Method for Data:

As highlighted, there are several factors to consider when choosing the appropriate migration method and tool such as time allocated to perform data transfers, the volume of data, and network speeds influence the decision between different data migration methods etc.

We also considered for each work load particularly for each data store, server, or application stack, the number of repetitive steps required to transfer data from source to target.

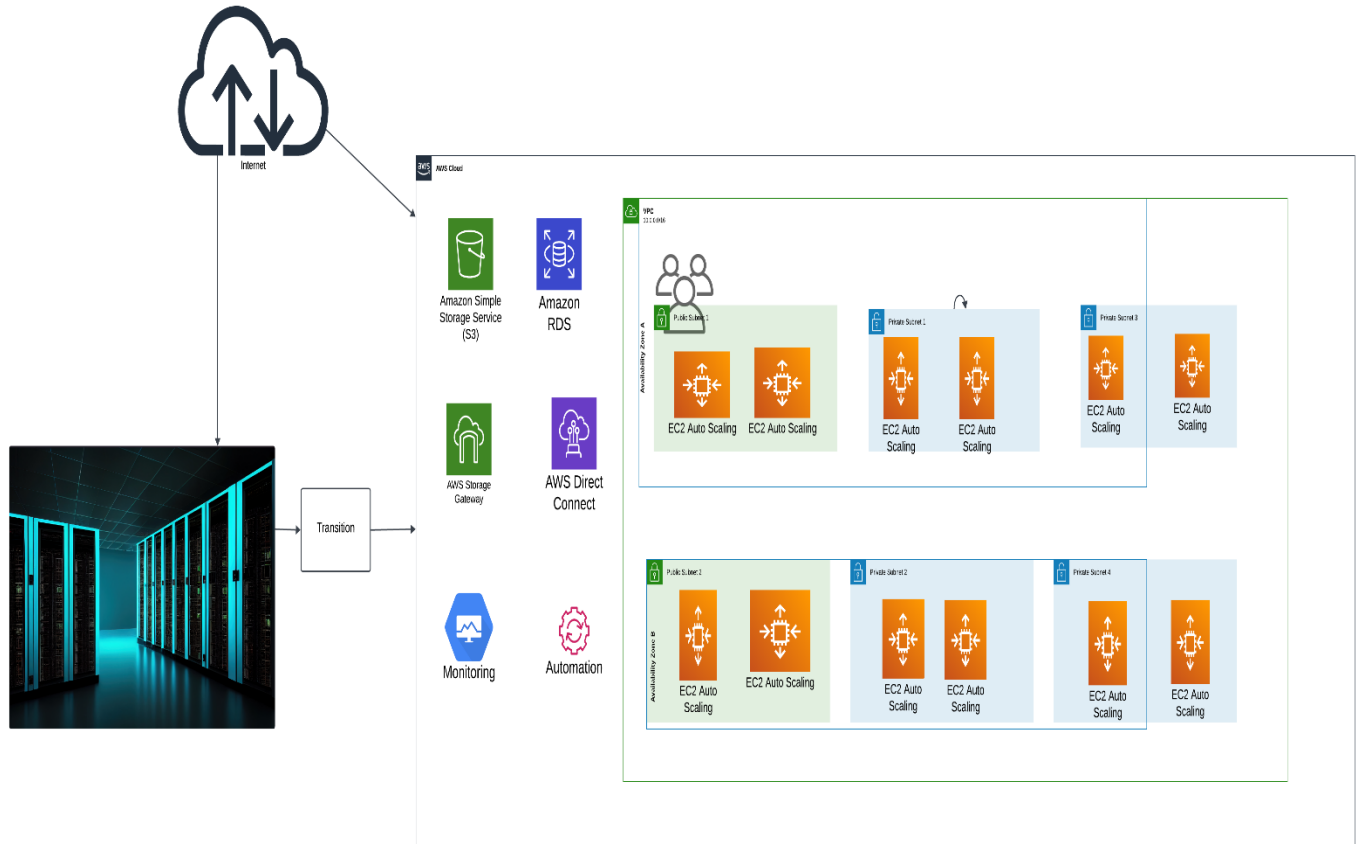
Then evaluate the variance of these steps as they are repeated.

Then we reached to a consensus of each transmission decision Tree framework for migration.



Cloud Migration Decision Flow

Architectural Snapshot:



Typical Services and Infra Architecture with AWS Services Post Transition

Result and Benefits:

99.99% Uptime: Redundant architecture across AWS and Azure ensured near-zero downtime.

40% increase of process efficiency across all LoBs after migration with improved response time.

60% Cost Savings: Optimized resource allocation significantly reduced operational and overall costs.

Enhanced Agility: Automated deployment pipelines allowed for quicker scaling during peak demands.

The client Feedback: “GlobalPoint Inc. transformed our SAP landscape, setting a new benchmark for efficiency and innovation”.



Conclusion:

This multi-cloud transformation not only empowered the client to achieve immediate operational efficiencies but also established a scalable foundation for future innovation. As the journey continues, GlobalPoint Inc. is collaborating with the MNC on advanced modernization initiatives for advanced use cases, leveraging cutting-edge technologies like AI-driven analytics and serverless architectures to drive unparalleled business value.