



Case Study

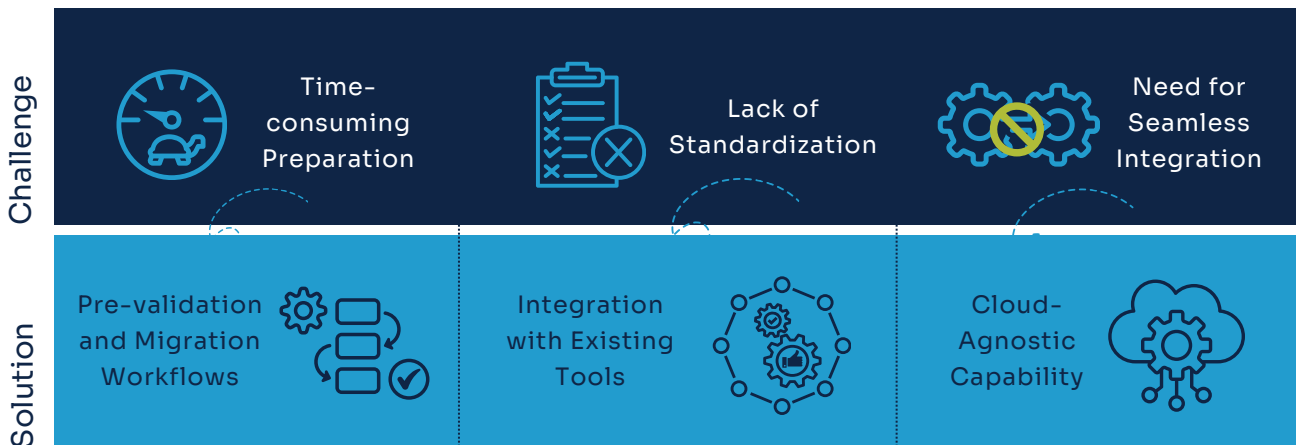
Enhancing IT Efficiency and Experience with Orchestral Composer for Cloud Migration

Orchestral solution with Composer fit the bill perfectly

Executive Summary

A leading Fortune 500 utility company faced challenges in their migration from on-premise to cloud infrastructure. The preparation process was time-consuming and laborious, requiring a solution to streamline the workflow and perform necessary checks and verifications. By implementing Orchestral Composer, the company automated pre-migration and post-migration tasks, enabling seamless and efficient migration of virtual machines (VMs) between their primary data center and Amazon Web Services (AWS). The solution significantly improved delivery quality, reduced future OPEX, and enhanced infrastructure productivity.

At A Glance



We embarked on a migration of on-prem to cloud project ...The need of the hour was a solution that would orchestrate the mundane process within a workflow, performing all the checks and verifications a human would do. Orchestral solution with Composer fit the bill perfectly. We not only leveraged the existing integrations to AWS and vSphere, but were able to easily develop our own integration for our proprietary software and deliver the solution within a record time.

— Sr. Member, COE



Challenge

The utility company's IT operations team faced several challenges with their migration process:

- **Time-consuming Preparation:** Manual tasks involved in preparing VMs for migration were prone to errors, leading to delays and inefficiencies.
- **Lack of Standardization:** The absence of a standardized workflow made it difficult to ensure consistency and reliability in the migration process.
- **Need for Seamless Integration:** The company required a solution that could seamlessly integrate with their existing tools, such as IT Service Management (ITSM) and monitoring systems.

Solution

By choosing Orchestral Composer, the enterprise version of the StackStorm tool, to automate their on-premise to cloud migration process, the company established a::

- **Pre-validation and Migration Workflows:** Composer enabled the company to build workflows, starting with a pre-validation workflow that ensures a VM is ready for migration and prepares the migration step by setting up replication.
- **Integration with Existing Tools:** Composer seamlessly integrated with the company's ITSM tools, monitoring tools, and other necessary systems to document and finalize the migration process.
- **Cloud-Agnostic Capability:** While currently focused on AWS, Composer's cloud-agnostic capability prevents vendor lock-in and ensures flexibility for future multi-cloud strategies.



Conclusion

The successful implementation of Orchestral Composer demonstrates the transformative potential of automating on-premise to cloud migrations. By adopting an innovative solution, the company significantly improved and accelerated delivery quality, reduced future OPEX, and enhanced infrastructure productivity. This case study highlights the importance of embracing automation and flexibility in the ever-evolving IT landscape.

Next Steps

To learn more about how Orchestral Composer can revolutionize your organization's cloud migration strategy, please contact our sales team at sales@orchestral.ai or visit our website at www.orchestral.ai to schedule a demo. Our experts are ready to assist you in unlocking the full potential of automation and driving your business forward.



Orchestral.ai
Conquer Complexity in Enterprise IT

Orchestral.ai is a team of like-minded technology professionals possessing a combined experience of over 100 years in the IT industry.

Contact Us: For more information, please contact our Client Development Team at info@orchestral.ai

About Us

Orchestral's mission is to enable IT infrastructure & operations teams to more effectively manage the complex mission critical processes that their organizations depend upon for day-to-day operations. We accomplish this today with the Orchestral Platform - an integrated suite of automation, orchestration and Explainable Artificial Intelligence (XAI) technologies designed to empower enterprises to start their transition toward Autonomous IT Infrastructure.

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