

USE CASE

Zero Touch Provisioning

Enterprise Database and Server Operations



Orchestral.ai
AI-Driven Orchestration

Modern Problems: Moving to the Cloud

Leaders at a Fortune Top 25 company had decided that it was time to make the switch from client-server on prem software to providing a Software-as-a-Service (SaaS) cloud based service. Not only was their IT team not prepared to operate a public cloud, but they had to delegate the procurement, installation and deployment of over 300 physical servers. Though they split into 4 sub-groups to tackle this challenge, the entire provisioning task required nearly 6 weeks to accomplish due to a simple lack of organizational agility.

The company was losing out on revenue from the servers sitting idle for so long during the provisioning process. Customers would question why they were not able to immediately utilize the services, and instead would be stuck waiting, while the company was also stuck waiting to be able to collect revenue.

Composer Benefits

- With the new server workflow being able to be completed in 3 minutes, servers were online for production within two days after being received by clients.
- The IT team itself was able to concentrate more on the new tasks involved in operating cloud-based servers for their clients.
- Revenue that would have otherwise been lost at servers sat in house for up to 6 weeks was able to be collected with no revenue delays.
- With Composer handling the heavy lifting, clients were extremely satisfied at the new web scale speeds which had replaced the manual process that they had come to grow accustomed to. Now that's orchestration.

The Conventional Workflow Problem

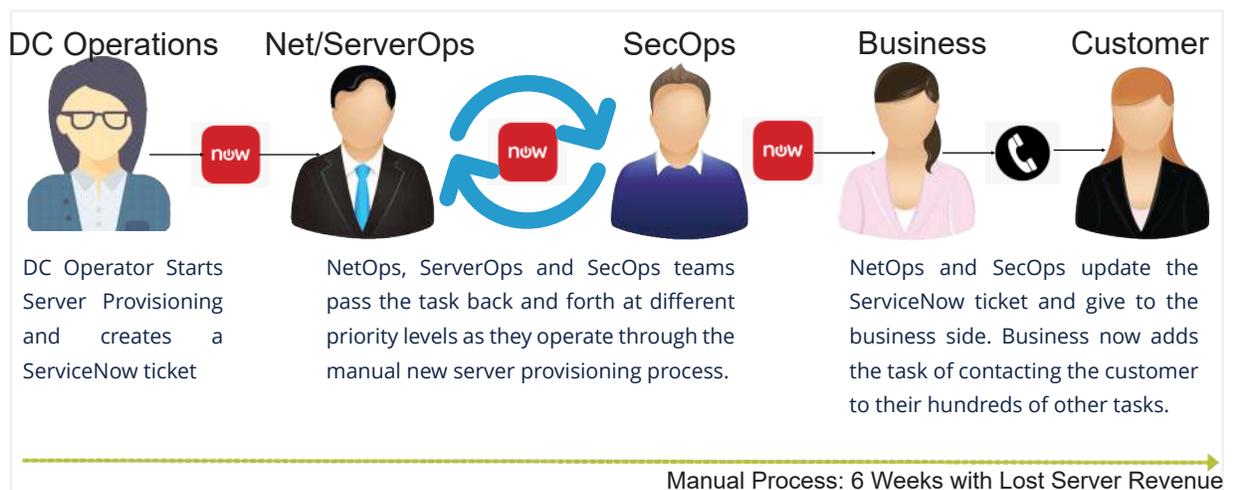


FIGURE 1: Server Provisioning Before Composer



Powered by
Composer

Orchestral.ai's Composer Solution

Using the company's knowledge of what would work most efficiently for installing a single server, a workflow was outlined, built, tested and deployed utilizing Composer. All of the same profile applications, tools and integrations were able to be utilized to ensure the company trusted the automated process.

The company ran their penetration tests dependent on a number specified by the customer, this was able to be added to the automation as well with the Composer workflow messaging out to request an input for how many tests the specific customer profile required.

All of the same tasks, but now automated. Composer was able to bring the new server provisioning process down from 6 weeks to just 3 minutes. Including the physical servers needing to be installed the company was able to receive and have servers running within 2 days.

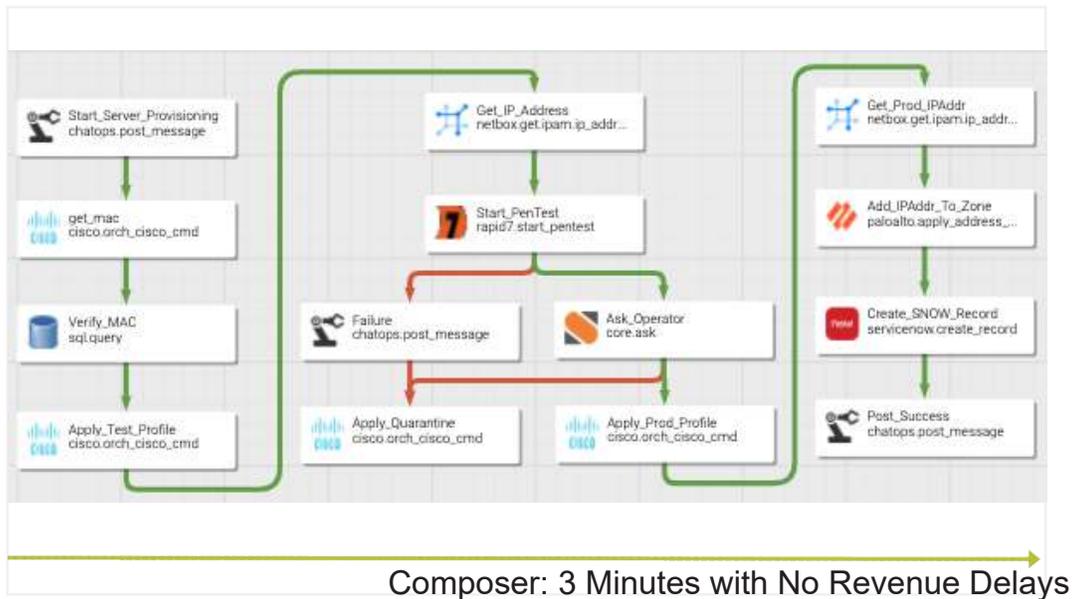


FIGURE 2: Composer Server Update Workflow



Orchestral.ai
AI-Driven Orchestration

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

Our team is uniquely versed in building commercial web scale cloud architectures, has extensive knowledge and experience in data center operations and building data centers across the globe. We also pride ourselves on our expertise in the field of system modeling for capacity planning, scaling business applications, and our focus on the user experience. The combined expertise of our team at Orchestral has been leveraged to assemble the patented technologies aimed at alleviating the pains currently plaguing the IT industry.

Contact Us

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

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