

Standardizing Cloud Deployment:

How a Leading MSP Streamlined Operations with Arganteal ADepT

Deploy Any Technology with One Methodology™

AT A GLANCE

A leading Managed Service Provider (MSP) needed to overcome automation roadblocks in their Azure deployments caused by a fragmented approach with multiple scripts and languages..

CHALLENGES

A leading Managed Service Provider (MSP) faced significant roadblocks in its efforts to standardize and automate the deployment and maintenance of Azure cloud environments. The team used multiple languages and a myriad of scripts, leading to a fragmented process for implementing and updating their clients' cloud infrastructures. This disjointed approach caused process drift, with each engineer solving the same problems in different ways. The MSP's leadership recognized that time was being wasted, and knowledge wasn't being effectively shared, particularly as the team adopted Microsoft's Bicep language to automate Azure workflows. The MSP needed a solution to standardize their processes and facilitate knowledge sharing as they transitioned to Bicep.

SOLUTIONS

Arganteal's Adaptive Deployment Tool (ADepT) helped the cloud team identify key scripts and create reusable libraries and workflows, eliminating the need to rewrite scripts for every deployment.

Their first task was setting up a secure Azure environment for a mid-sized client. ADepT's platform, compatible with Microsoft Bicep, made variable substitutions more efficient. The team's Bicep expert created standardized templates, allowing others to use them without deep Bicep knowledge.

These standardized templates laid the groundwork for a comprehensive automation strategy, fostering knowledge sharing and streamlining processes. This approach accelerated the team's adoption of Bicep, boosting overall efficiency.

BUSINESS OUTCOMES

- 1 Reduced Deployment Time:** Standardized workflows and enabled faster deployment of Azure environments reducing deployment time and client onboarding costs.
- 2 Enhanced Team Productivity and Knowledge Sharing:** ADepT's standardized automation reduced time spent on repetitive scripting and made it easier to adopt Bicep through reusable templates.
- 3 Consistency and Compliance:** Standardization minimized process drift, ensuring consistent deployments and making it easier to meet customer requirements.
- 4 Scalability and Flexibility:** The reusable libraries offered a scalable way to expand Azure deployments, allowing for easy adaptation to growing client needs without compromising quality or consistency.



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