Opt Tech Helps Enterprise Pharma Customer Automate AWS Account Strategy with Ansible Scripts

A SPECIALIST IN ANSIBLE AUTOMATION SOLUTIONS

CHALLENGE

A specialist in Ansible automation solutions and AWS cloud native services, Opt Tech showcased its automation expertise with a scripting project that streamlined account vending and provisioning for one of its enterprise pharmaceutical customers. The customer needed to automate its AWS account vending strategy including the process of creating, managing accounts and provisioning resources (e.g., virtual machines, databases and storage).

SOLUTION

Opt Tech helped the customer automate their AWS account vending strategy by creating a set of automation scripts using Ansible and AWS cloud native services. These scripts allowed the customer to improve the efficiency of their operations, reduce the likelihood of errors, and ensure compliance with regulations. The Ansible automation and the AWS cloud native services integration streamlined the process of account vending and resource provisioning, making it easier for the customer's IT teams to manage their accounts and resources.

To automate the AWS account process, Opt Tech utilized Red Hat Ansible to create automation scripts. Ansible® is an open source, automation software application used to configure systems, deploy software, and orchestrate advanced workflows to support application deployment and system updates. Ansible is an ideal tool for automating repetitive tasks.

Opt Tech's automation scripts leveraged AWS cloud native services including AWS Organizations and AWS Control Tower to manage the customer's AWS accounts. AWS Organizations is a service that facilitates multiple AWS account management well-suited for managing a large enterprise account environment. AWS Control Tower is a service that provides a set of guardrails and best practices for setting up and managing a multi-account AWS environment to ensure compliance.

Once the automation scripts were in place, Opt Tech helped the customer implement them. The implementation included testing the scripts, validating that they met the customer's requirements, and providing knowledge transfer and training. The scripts were then integrated into the customer's existing workflow, so that they could be easily used by the teams responsible for managing the AWS accounts.

OUTCOME

With the automation scripts in place, the customer was able to automate the process of creating and managing AWS accounts, as well as the provisioning of resources within those accounts. This automated AWS account vending model facilitated operational efficiency reducing the likelihood of errors and ensuring compliance with industry regulations.

BOOSTING OPERATIONAL EFFICIENCY, ACCURACY AND COMPLIANCE