ANSIBLE

SPLUNK: AUTOMATING CLOUD INFRASTRUCTURE WITH ANSIBLE

CUSTOMER	Splunk
INDUSTRY	Technology
INTEGRATION	DevOps Tools
USE CASE	Orchestration
BUSINESS ISSUE	Freeing up resources
BUSINESS CHALLENGE	Splunk Inc. is a solution provider of the leading platform for Operational Intelligence from machine-generated data. Customers use Splunk to unlock the value of big data, detect and address emerging security threats and attacks, and monitor the health of critical IT services using data science, machine learning, and advanced correlation. Splunk sought a unified solution for automating the resource-intensive and time-consuming tasks associated with managing its cloud infrastructure.
SOLUTION	Using Ansible's extensive library of built-in modules, plus its easy extensibility, Splunk utilizes the same simple playbook language to provision its infrastructure, and then apply configuration to it. With Tower, schedules can be set to occur once or repeat. In the case of many management requests, the built-in queuing system will ensure jobs are run efficiently. Ansible Tower's powerful features also helps Splunk more easily manage and track its entire cloud inventory, keeping it in sync. Tower's powerful provisioning callbacks allow nodes to request configuration on demand, enabling autoscaling.
RESULTS	Using Ansible to automate its cloud environment, the Splunk team is able to speed provisioning, configuration and manage tasks within cloud-based environments. Ansible solution benefits: • Automation of previously time-consuming and repetitive tasks, freeing up resources to focus on delivering true business value • Centralized control of their cloud infrastructure for seamless job scheduling • Ansible gives Splunk the power to rapidly deploy and scale server clusters and applications in the cloud. With just one or two clicks, Ansible Tower kicks off Playbooks for quick, repeatable application environments
ABOUT THE CUSTOMER	Splunk Inc. (NASDAQ: SPLK) is the market-leading platform that powers Operational Intelligence. The company pioneers innovative, disruptive solutions that make machine data accessible, usable and valuable to everyone. More than 11,000 customers in over 110 countries use Splunk software and cloud services to make business, government and education more efficient, secure and profitable. Learn more at www.splunk.com

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"Every change we do in cloud gets deployed through Ansible now...except for the first time. The first time we have to figure out how to do it manually, and then we'll make the playbook to do it."

MIKE REGAN
SENIOR CLOUD OPERATIONS
ENGINEER, SPLUNK

READY TO AUTOMATE?

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ABOUT ANSIBLE

Ansible, an open source community project sponsored by Red Hat, is the simplest way to automate IT. Ansible by Red Hat provides enterprise-ready solutions to automate your entire application lifecycle – from servers to clouds to containers and everything in between. Ansible Tower by Red Hat is a commercial offering that helps teams manage complex multi-tier deployments by adding control, knowledge, and delegation to Ansible-powered environments.

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