F5 NGINX

NGINX: Better with Ansible

(Or: How to Provision NGINX in Your Environment)

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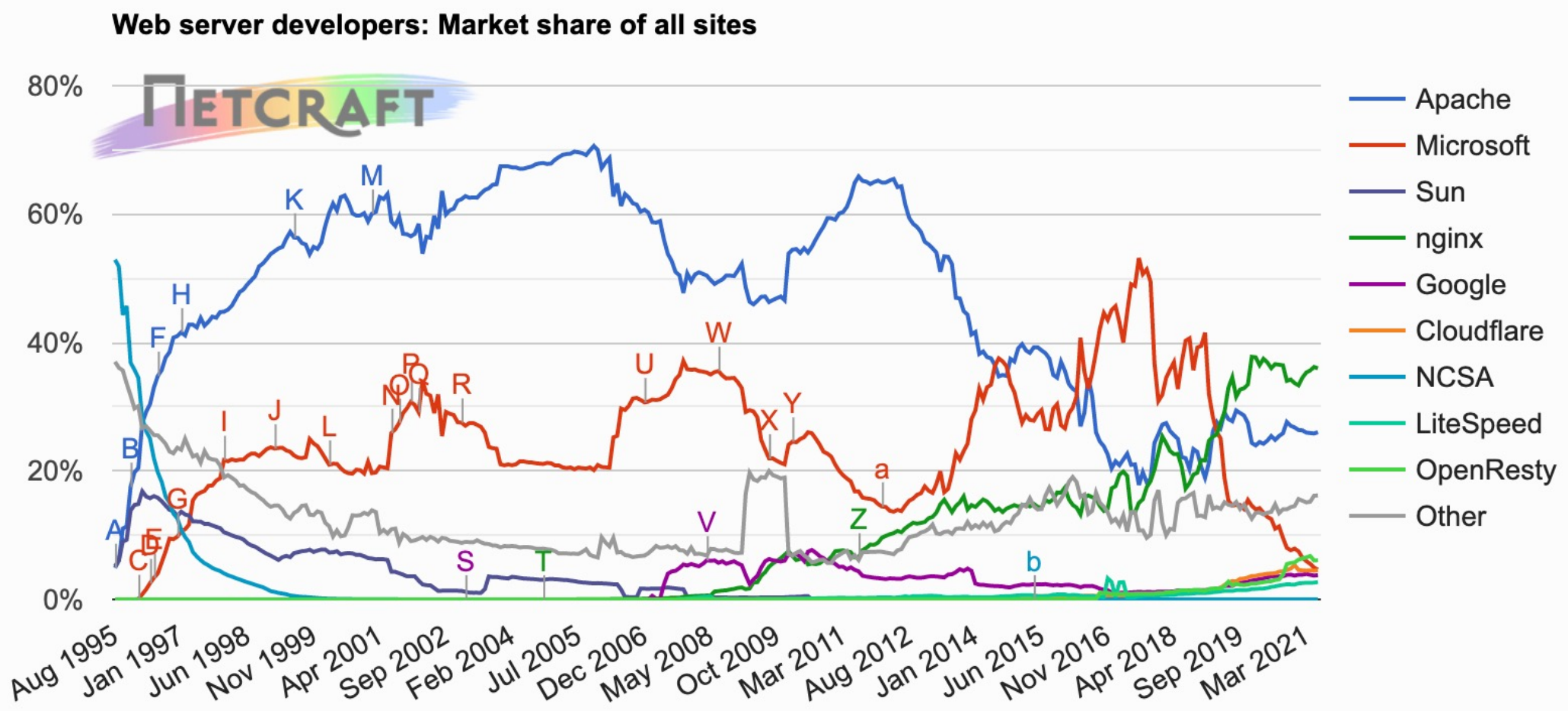
NGINX
Part of F5

What is NGINX?



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What is Ansible?

- Open-Source Software tool for provisioning and configuration management in any environment (eg AWS)
- Agentless (does require Python on the target host)
- Describe target host state using YAML
- Includes wide array of modules (written in Python) and roles (written in YAML) covering multiple use cases

```yaml
---
- hosts: aws_ec2
  become: true
  remote_user: "{{ hostvars[inventory_hostname].tags.user }}"
  collections:
    - nginxinc.nginx_core
  roles:
    - role: nginx
      vars:
        nginx_type: plus
        nginx_license:
          certificate: <path/to/cert>
          key: <path/to/key>
        nginx_remove_license: false
```

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NGINX Ansible Roles

Twenty roles to rule them all

- NGINX
- NGINX Config
- NGINX App Protect
- NGINX Unit
- NGINX Controller (16 highly specialized roles)

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NGINX Certified Collections

Get all roles in a centralized package

NGINX Core Collection

wraps all the

NGINX Ansible roles

NGINX Controller Collection

wraps all the

NGINX Controller Ansible roles

Available on Ansible Galaxy and Ansible Automation Hub

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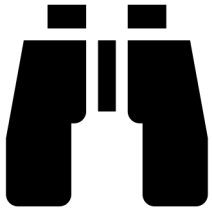
Why use Ansible to provision NGINX?

NGINX: Better with Ansible

Interested in Ansible

Install and configure NGINX across multiple targets



Centralized insight into your NGINX deployments

Certified and fully supported

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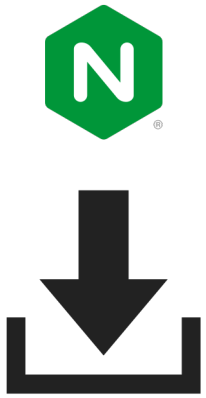
Demo Time

Let's check out the NGINX collection

1



Install NGINX

2

Configure NGINX to serve a simple web app and act as a reverse proxy

3

Set up the NGINX App Protect module to protect NGINX

Demo available at https://github.com/alessfg/nginx-ansible-demo

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Thank you!

Get secure, scalable, and resilient application delivery with NGINX and Ansible

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