

F5 NGINX

NGINX: Better with Ansible

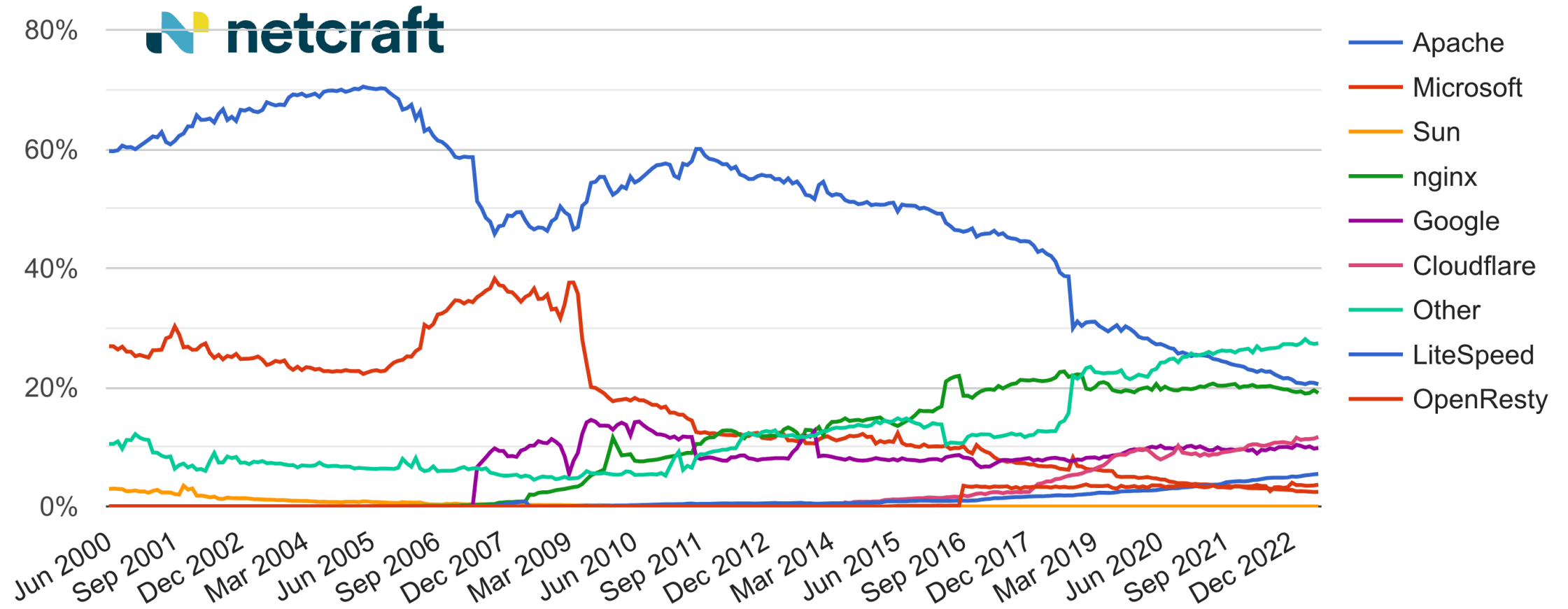
(Or: How to Provision NGINX in Your Environment)

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What is NGINX?

Web server developers: Market share of active sites





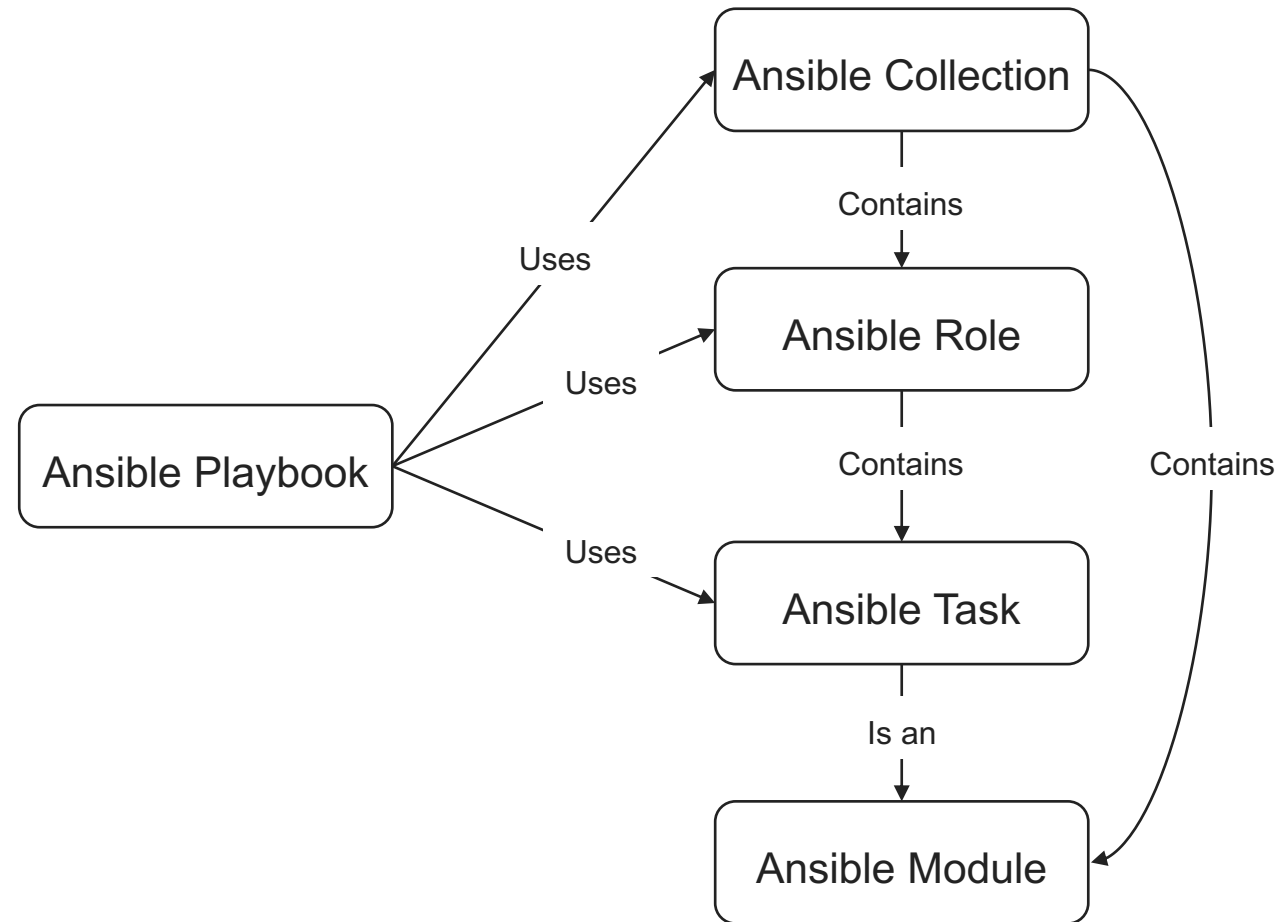
What is Ansible?



- 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
- Ansible playbook -> Ansible collection -> Ansible roles -> Ansible tasks -> Ansible modules

```
---
- name: Deploy NGINX Plus
  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
```

What is Ansible?



NGINX Ansible Roles

Three roles to rule them all



- NGINX
- NGINX Config
- NGINX App Protect

NGINX Certified Collection

Get all roles in a centralized package

NGINX Core Collection

wraps all the

NGINX Ansible roles



Available on Ansible Galaxy and Ansible Automation Hub

Why use Ansible to provision NGINX?

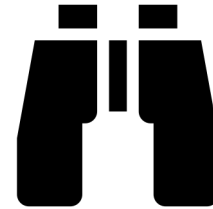
NGINX: Better with Ansible



Interested in Ansible



Install and configure
NGINX across
multiple targets



Centralized insight
into your NGINX
deployments



Red Hat
Ansible Automation
Platform

Certified and fully
supported

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>

Join the NGINX Community Slack!



<https://community.nginx.org/joinslack>

Thank you!

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