DevSecOps with disconnected Red Hat OpenShift

Improving mission agility for the US Air Force

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Installer Primary Capabilities

- Automated Installation & Configuration Management
- Disconnected Environment on physical DVD Media (DVD)
- Standardized Application Deployment Concepts
- Security Lockdowns / Automated IA Controls & STIGs
Blank VMs or bare metal blades are created by the site administrator per system requirements.
Installation Process
Automated installation of JumpHost

Delivered as a single DVD that includes an automated RHEL kickstart installation and disconnected media for OCP, Ansible, JBoss, Postgres, etc.
Installation Process
Configuration Files

A series of YAML files that define various parameters. Also, the server host inventory is defined in a CSV file.
Installation Process

Execute the `skunk configure` command

Warning: Permanently added 'jumphost01.lab.local,192.168.124.10' (ECDSA) to the list of known hosts.
Each VM is then installed using a kickstart script, these can be installed using PXE boot.
**Installation Process**

Execute the `skunk install` command

```
Warning: Permanently added 'jumphost01.lab.local,192.168.124.10' (ECDSA) to the
Last login: Mon Apr 23 16:41:38 2018 from gateway

Skunk Dawg Release 0.6.1.0+20180413-11:52-21
```
The stack is now fully deployed ready for the client applications.
THANK YOU

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