

OPERATIONS AND ATOS: AS EASY AS ORDERING PIZZA

Technology Should Be That Simple

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MY BIOGRAPHY

- 6.5 years at Red Hat
- United States Marine Corps ('88-'08)
- Oakland Raiders Football
- My favorite food is PIZZA!

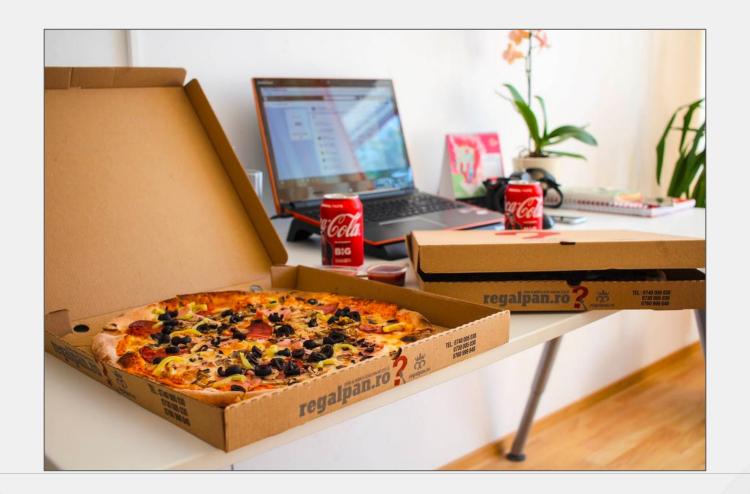


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...and this talk is just before lunch is served.









SIX WAYS TO MAKE OPERATIONS MORE LIKE ORDERING PIZZA

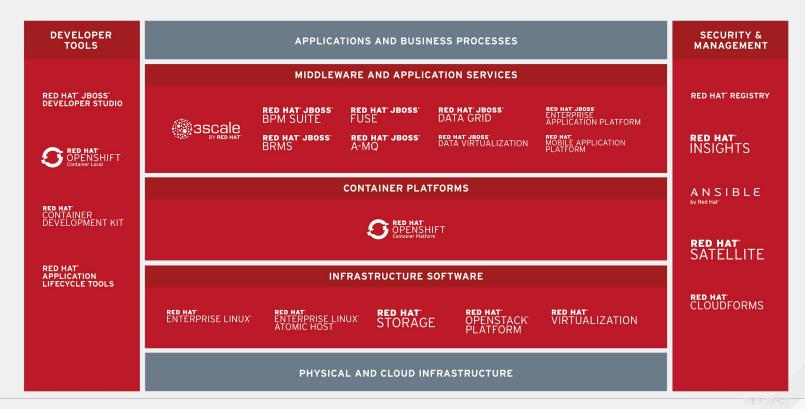
- Deploy API-driven infrastructure
- Plan for capacity utilization
- Implement a self-service portal
- Enforce policy and governance
- Speed processes with automation
- Maintain configuration accuracy



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API-DRIVEN INFRASTRUCTURE

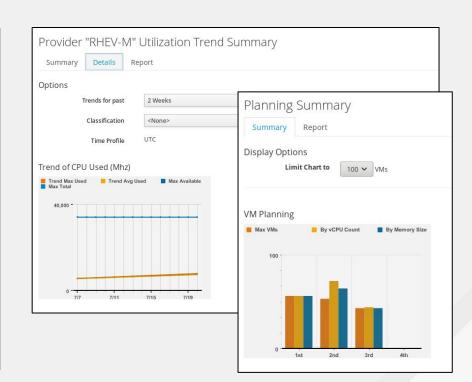




PLAN FOR CAPACITY



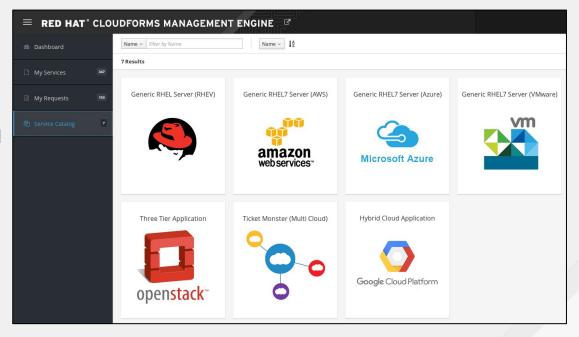
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SELF-SERVICE PORTAL

- Order and deploy workloads
- Include governance
- Maintain control
- Convenient for operations and the user

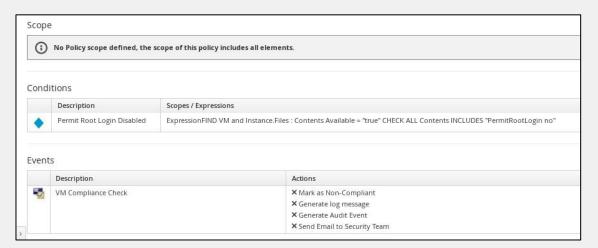




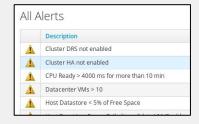
POLICY AND GOVERNANCE



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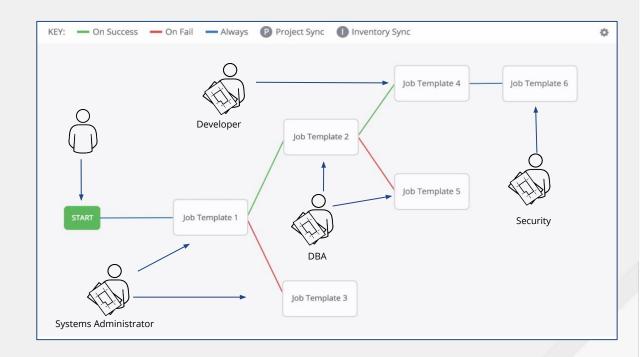






SPEED UP PROCESSES WITH AUTOMATION

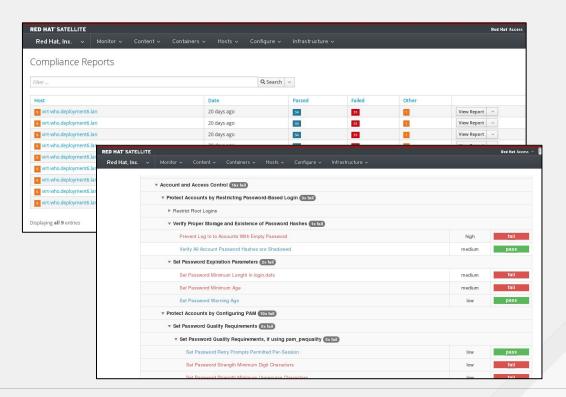
- Reduce human errors
- Ensures quality through standardization
- Smooth = Faster production
- Increases delivery speed
- Flexibility to work with multiple systems





MAINTAIN CONFIGURATION ACCURACY











SECURITY AND CONTINUOUS COMPLIANCE

Simple ideas to keep in mind.

- Compliance is not optional
- Actively monitor security controls to ensure effectiveness
- Compliance methods should be repeatable and non-specialized
- Implement a cost-effective and flexible solution





CONFIGURATION DRIFT

Avoid "create your own" configurations

- Occurs when configuration accuracy is lost
- Has the potential to create or expose vulnerabilities
- Establish a baseline and test against it
- Results in loss of:
 - Customer trust
 - Revenue
 - Positive public image





CONTINUOUS COMPLIANCE

The key to gaining and maintaining an ATO

- Configuration Management systems
- Automation capabilities
- Security Content Automation Protocol (SCAP)
- Lifecycle and Patch Management



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