

SUSE® Everywhere

Mass Linux Deployments Made
Easy in a Financial Services Firm

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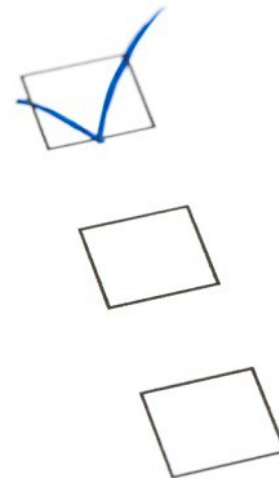
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Topics

- Who
 - Backgrounds
- What
 - Automated SUSE® Deployment
 - Full Remote Management
 - Beyond SUSE®
- Why
- How
 - Technical Demo





- **A Fortune 500 Company**

- \$65 billion in assets owned and managed
- Almost 3,800 associates in the United States
- One of the strongest life insurance groups in the world

- **Diversified Financial Services Company**

- Life Insurance
- Investment Products & Services
 - Annuities / Mutual Funds
- Commercial Real Estate Investment & Management

Voracious, Insatiable Problem Solving

A uniquely positioned IT services and solutions company, Novacoast is less defined by our broad range of expertise and services than by a perspective rooted in our cooperative environment of adaptable problem solving.

Beyond security specialists, software developers or network engineers, we are guides, allies, and problem solvers.

From implementation services, license fulfillment & technical training to software development, staffing services & custom or emerging solutions, Novacoast is an experienced and comprehensive IT business resource empowered on every level by our flexible and fearless perspective.

What?

- Automated SUSE® Deployment
 - Non-interactive installation via arbitrary medium
 - OEM imaging operations
 - Installation/configuration of ALL services and applications
 - Rapid prototyping and modifications
 - Locked Down Environment
 - Future proof
 - Utilize existing tools/technologies (minimize investment)



What?

- Full Remote Management
 - Limited physical access
 - Patching
 - Configuration Management
 - Auditing/Reporting
 - Future proof
 - Utilize existing tools/technologies (minimize investment)



What?

- Beyond SUSE®
 - Need more than OS
 - Imaging Versus Scripted Installation
 - Third Party Applications
 - Integration with Existing Environment/Tools

to infinity & beyond



Why?

- Cost Savings
 - TCO
 - ROI
- Security
- Flexibility
- Support
- Maturity



How?

- SUSE® Studio
 - Rapid development lifecycle
 - Flexibility
 - Vendor Supported
 - Multiple Format Support
 - Ease of Upgrades



How?

- SUSE® Manager
 - Superb Patch Management
 - Configuration Management
 - Mature and Supported
 - Scalable
- Custom RPMs/Overlays
- AppArmor



How?

- Custom Scripting
 - Network autodetection/configuration
 - Bootstrap script
 - pam_exec
- Post Deployment Updates
 - Bootstrapping Fun
 - SUSE® Manager Usage
 - Service Pack Application



Demo

Recommendations

- Utilize SUSE Studio Overlays (test-drive or hand rolled)
- Start With a Minimal Build
- Autodetection is Your Friend (i.e., AutoYaST)
- Get Your Activation Keys Right
- Automate Oracle Backups/Purges
- Build Early and Often



Food for Thought

- Central Audit/Syslog Collection
- Central HIDS Management
- Central Authentication
- Automated Recovery Options
- BTRFS Integration
- OpenSCAP



**Make Deploying and
Managing Linux Easy!**

www.suse.com

Thank you.





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