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Linux Stammtisch 22.03.2016

Simplify your Datacenter
mit **orcharhino**



By 2017 the CMO will Spend More on IT
Than the CIO

Gartner.com, 03.01.2012

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Gartner.com, 03.01.2012

- Mobile Devices
- Internet of Things
- Social Media
- BigData
- Cloud Technology

Schnelligkeit und Flexibilität

- Skalierbarkeit
- Veränderungsmöglichkeiten

Schnelligkeit und Flexibilität

- Skalierbarkeit
- Veränderungsmöglichkeiten
- ✓ Klare Prozesse und Schnittstellen
- ✓ Einfach und intuitiv zu steuernde Systeme

Sicherheit und Zuverlässigkeit

- Informationen über Ist-Zustand
- Klarheit über potentielle Lücken

Sicherheit und Zuverlässigkeit

- Informationen über Ist-Zustand
 - Klarheit über potentielle Lücken
-
- ✓ Monitoring und Reporting
 - ✓ Patch- und Releasemanagement

Kosteneffizienz

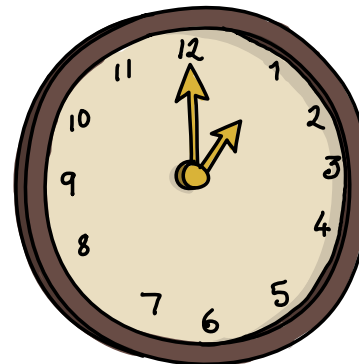
- Komplexität
- (Betriebs-) Kosten
- Ausfallzeiten

Kosteneffizienz

- Komplexität
 - (Betriebs-) Kosten
 - Ausfallzeiten
-
- ✓ Klare, einfache Prozesse
 - ✓ Automatisierung von Routine Aufgaben

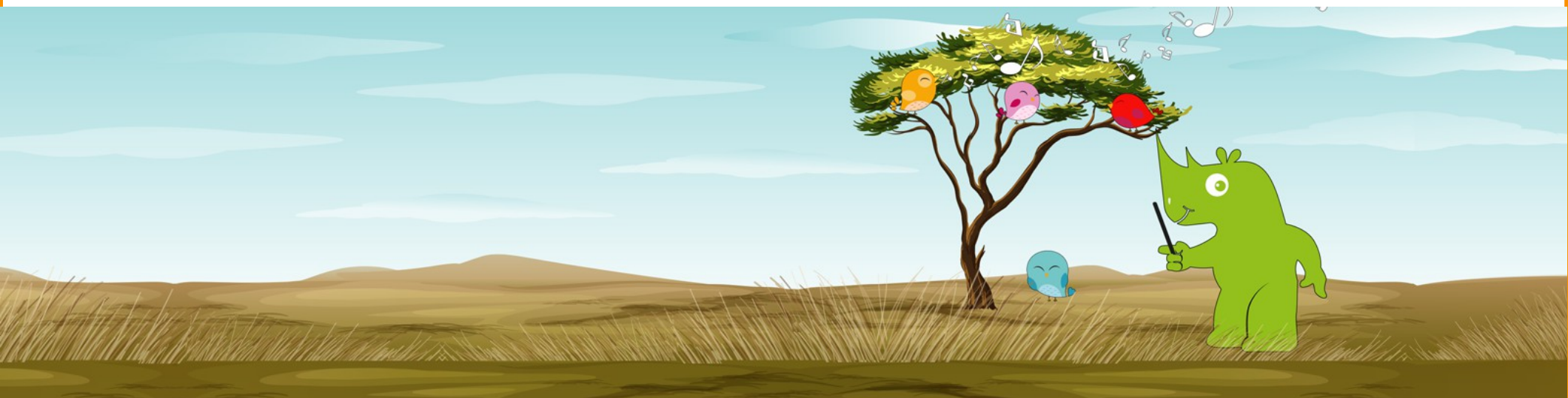
Zusammenfassung

- Klare Schnittstellen
 - Einfache Prozesse
 - Hoher Automatisierungsgrad
-
- ✓ Flexibel
 - ✓ Sicher
 - ✓ Effizient



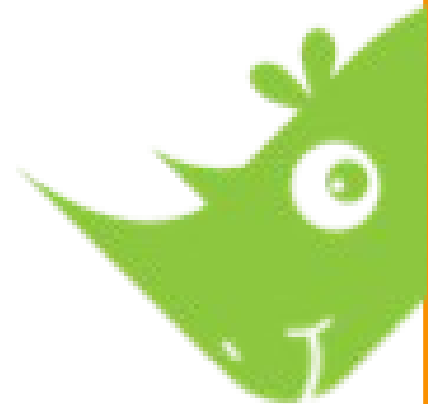
orcharhino

🔄 DEPLOY ⚙️ RUN ✅ CONTROL SIMPLIFY YOUR DATACENTER



orcharhino – gerüstet für die Zukunft

- Vereinfachung von Prozessen
- Nutzung modernster Technologien
- Offene Standards und freie Software



orcharhino - Deployment



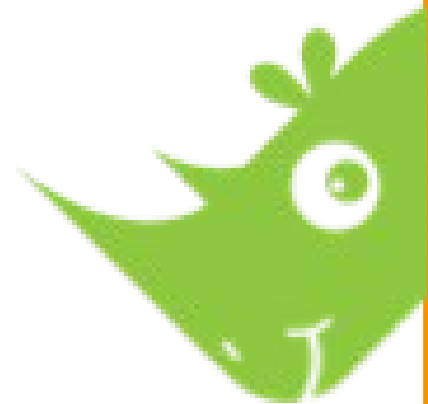
- Kickstart
- Preseed
- Autoyast



orcharhino – Configuration Management



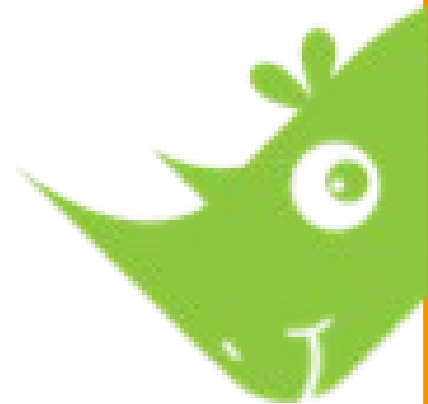
- Puppet
- Chef
- Saltstack



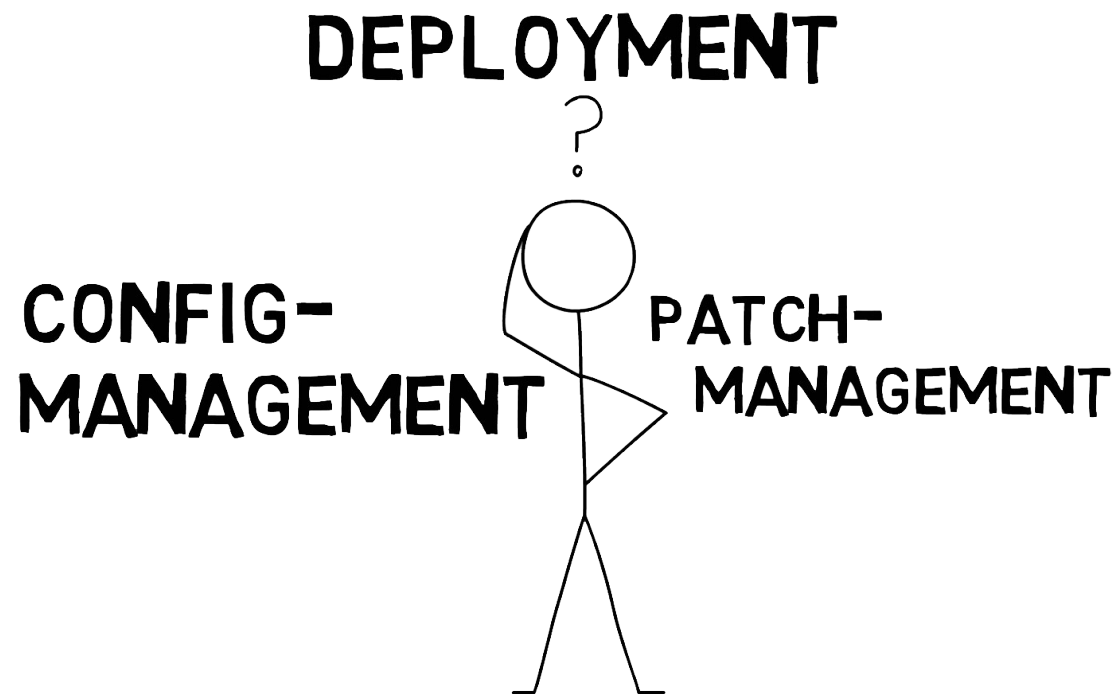
orcharhino – Patch Management



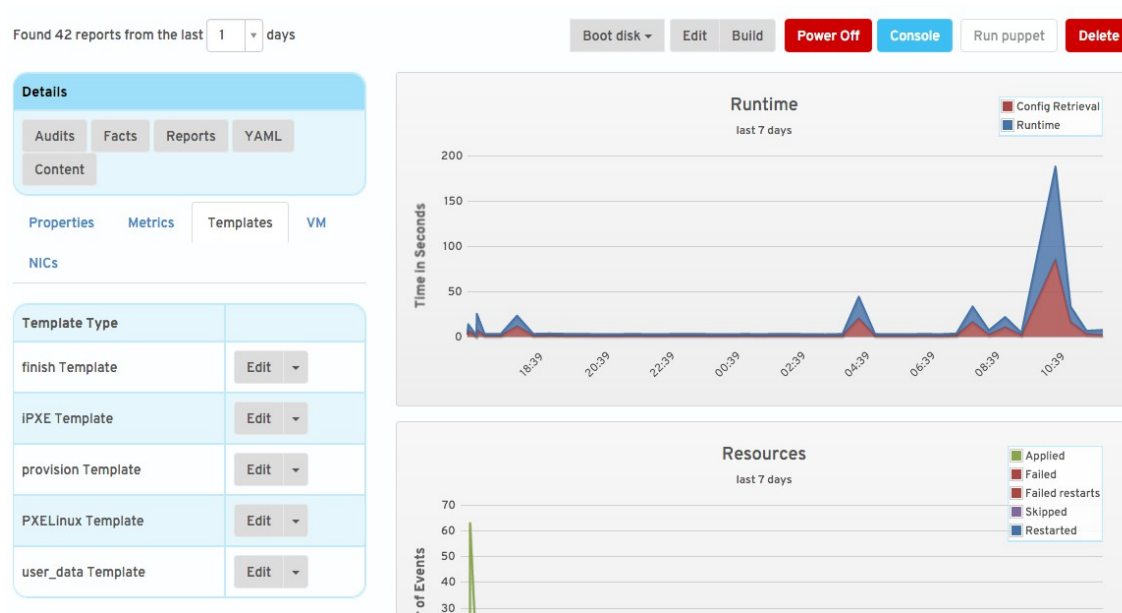
- Kontrolle über
 - ✓ Paketstände & Versionen
 - ✓ Updates
- "Errata [are] lists of errors and their corrections [...]"



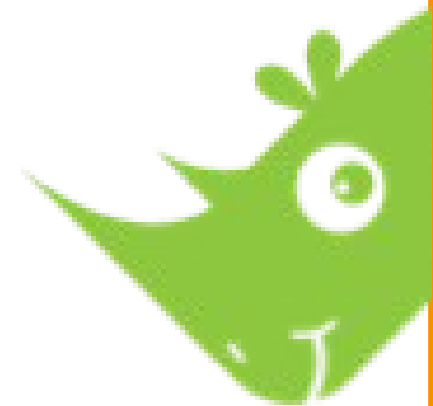
orcharhino – gerüstet für die Zukunft



orcharhino - Deployment



- Netzwerk/Template basiert
- Viele Hypervisor/BareMetal
- Inkl. DHCP + DNS



orcharhino – Configuration Management

Host Puppet Classes Interfaces Operating System Virtual Machine Parameters Additional Information

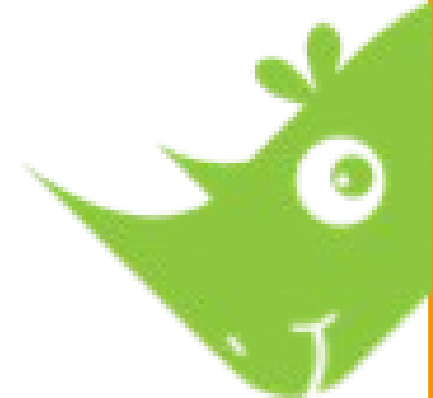
Puppet classes parameters

Puppet class	Name	Value	Actions
ntp	servers	- 0.de.pool.ntp.org	override
puppet	listen	true	override
	runinterval	900	override
	splay	true	override
	splaylimit	900	override
selinux	mode	permissive	override
timezone	timezone	Europe/Berlin	override

Puppet class overrides

Puppet class	Name	Value	Use Puppet default	Actions
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- Zentralisiertes Management
- Automatische Status-Reports
- Integration möglich



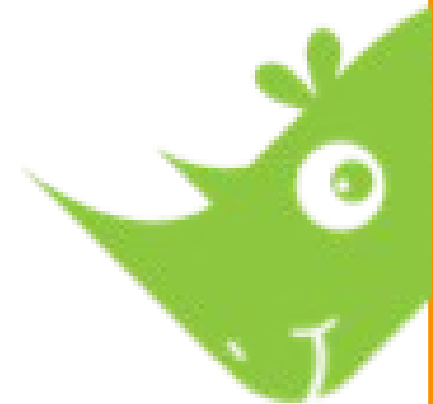
orcharhino – Patch Management

Errata

All Repositories ☒ Applicable ☐ Installable
 Search... Showing 20 of 44 (72 Total)

Errata ID	Title	Type	Content Host Counts
☐ CESA-2016:0346-7	Important CentOS 7 postgresql Security Update	⚠ Security Advisory - Important	1 Applicable, 0 Installable
☐ CESA-2016:0301-6	Important CentOS 6 openssl Security Update	⚠ Security Advisory - Important	1 Applicable, 0 Installable
☐ CESA-2016:0189-7	Moderate CentOS 7 polkit Security Update	⚠ Security Advisory - Moderate	2 Applicable, 0 Installable
☐ CESA-2016:0176-7	Critical CentOS 7 glibc Security Update	⚠ Security Advisory - Critical	2 Applicable, 0 Installable
☐ CESA-2016:0185-7	Important CentOS 7 kernel Security Update	⚠ Security Advisory - Important	2 Applicable, 0 Installable
☐ CEBA-2016:0205-7	CentOS 7 python-pyudev Bugfix Update	🐛 Bug Fix Advisory	2 Applicable, 0 Installable
☐ CEBA-2016:0183-7	CentOS 7 avahi Bugfix Update	🐛 Bug Fix Advisory	2 Applicable, 0 Installable
☐ CEBA-2016:0186-7	CentOS 7 numactl Bugfix Update	🐛 Bug Fix Advisory	2 Applicable, 0 Installable
☐ CEBA-2016:0191-7	CentOS 7 selinux-policy Bugfix Update	🐛 Bug Fix Advisory	2 Applicable, 0 Installable
☐ CEEA-2016:0182-7	CentOS 7 ca-certificates Enhancement	🔧 Product Enhancement Advisory	2 Applicable, 0 Installable

- Systeme up2date
- Errata Informationen
- Diverse Repositories





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DEPLOY  RUN  CONTROL SIMPLIFY YOUR DATACENTER



Live Demo