

Implementación de DeskOS en un ambiente empresarial

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Quién soy

- Experiencia en desarrollo/infraestructura
- Colaborador del Proyecto **Fedora**
- Ex-colaborador de **JBoss.org**
- Colaborador de **FirmaEC** y **Rubrica**
- CEO/Founder de **Soporte Libre**: Soporte en Software Libre y Open Source



Qué es DeskOS?

- Es un sistema operativo distribuido como **software libre**, basado en **Linux**
- Es **fácil** de usar y **accesible** para todo el mundo
- Está enfocado a usuarios **profesionales**, de empresas y gobierno



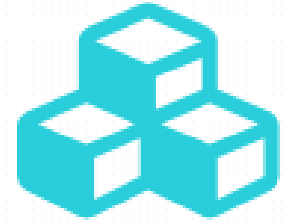
Proyecto DeskOS

Proyecto de **software libre** enfocado en crear una plataforma de **escritorio** para uso en un entorno **profesional**.

<https://proyectodeskos.org>



DeskOS: Estable



Una plataforma tecnológica estable y confiable.

Basado en CentOS, una distribución Linux con soporte de largo plazo.



DeskOS: Listo para trabajar



Un entorno de trabajo listo al terminar la instalación.

Incluye una versión moderna de **LibreOffice**, **Thunderbird** como cliente de correo, **Firefox**, *codecs* multimedia, **fonts**, etc.



DeskOS: Fácil de usar



Interfaz **fácil** e intuitiva, completamente localizada en **español**.



DeskOS: Open Source



Construido sobre los principios del **Software Libre y Open Source**.

Todo el código de DeskOS está disponible **libremente**.



DeskOS: Comunidad



La **comunidad** es lo más importante en cualquier proyecto. Todos son bienvenidos a participar.

Necesitamos:

Empaquetadores, diseñadores, webmasters, beta testers, evangelistas, comunicadores...



DeskOS es un remix

- Un *remix* de CentOS 7 para **escritorios**.
- Agrega paquetes necesarios para una mejor **experiencia** de usuario.
- Contiene paquetes que CentOS no incluye:
 - MP3 codecs
 - Font rendering
 - LibreOffice 6
 - VLC, MPlayer y codecs multimedia
 - Unrar



DeskOS: Patentes de software

- Incluye software que **no** se puede distribuir en países en donde son legales las **patentes de software**:
 - Codecs audio (MP3, AAC, etc.)
 - Codecs video (AVI, MP4, etc.)
 - Font rendering engine
- En Ecuador no se permiten las patentes de software!
- Software gratuito, pero que no se puede redistribuir:
 - Google Chrome
 - Adobe Flash



DeskOS está basado en CentOS

- CentOS 7 como base:
 - Estable, soporte a largo plazo: 10 años.
 - Gran comunidad de usuarios (sobre todo en servidores).
 - Fácil de empaquetar software (RPM).
 - Existen herramientas para despliegue empresarial.





Fedora

- Auspiciado por Red Hat
- Open Source
- Desarrollado por la comunidad
- Enfocado en entregas frecuentes (~6 meses)
- Foco en características y funcionalidad nueva
- Gratuito

Red Hat Enterprise Linux

- Basado en Fedora
- Open Source
- Desarrollado por Red Hat
- Soportado por Red Hat
- Enfocado en un ciclo de entregas largo (estabilidad)
- Prefiere estabilidad sobre funcionalidad nueva
- Comercial (no gratuito)

CentOS

- Basado en el código fuente de Red Hat Enterprise Linux
- Open Source
- Manejado por la comunidad
- Técnicamente equivalente a RHEL
- Sigue de cerca las entregas de RHEL
- Gratuito

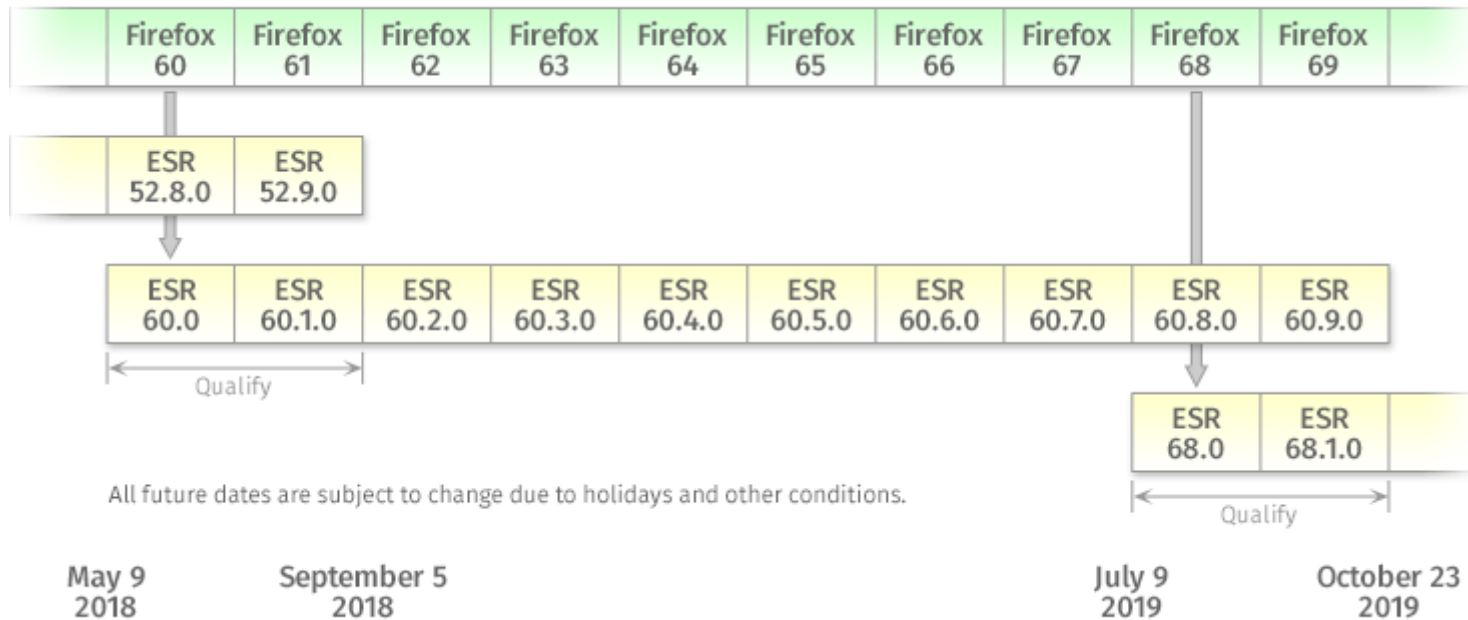
DeskOS: Firefox

“Firefox ESR está pensado para grupos que despliegan y mantienen entornos de escritorio en organizaciones grandes como escuelas, gobiernos y negocios.”

<https://www.mozilla.org/en-US/firefox/organizations/>



DeskOS: Firefox



Entorno de escritorio: GNOME

- **GNOME:** Entorno de escritorio moderno, fácil y elegante
- Cambia el **paradigma** del escritorio tradicional
- Diseñado para tener la mejor experiencia de usuario
- Más información en <https://gnome.org>





🔍 Escribir para buscar...



Gestión de DeskOS

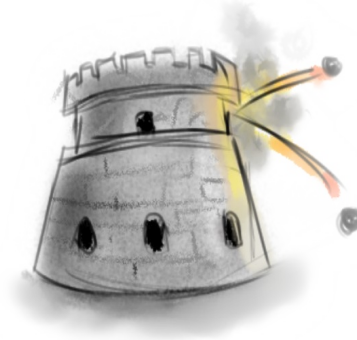
- Todo despliegue empresarial necesita:
 - Identidad de usuarios
 - Aplicación de parches de seguridad
 - Gestión de configuración
 - Instalación desatendida
 - Perfiles de instalación
 - Instalación de software



Gestión de DeskOS



FreeIPA



Katello



DeskOS





DeskOS

FreeIPA

- Manejo de Identidad

- Identidad: Usuarios, grupos
- Autenticación:
 - Claves
 - 2FA (Second-Factor Authentication)
- Autorización:
 - Políticas
 - ACL (Access-Control-Lists)
 - HBAC (Host-Based-Access-Control)
- SUDO centralizado:
 - Comandos para administración seleccionados según el rol
 - No editar */etc/sudoers* en cada máquina!

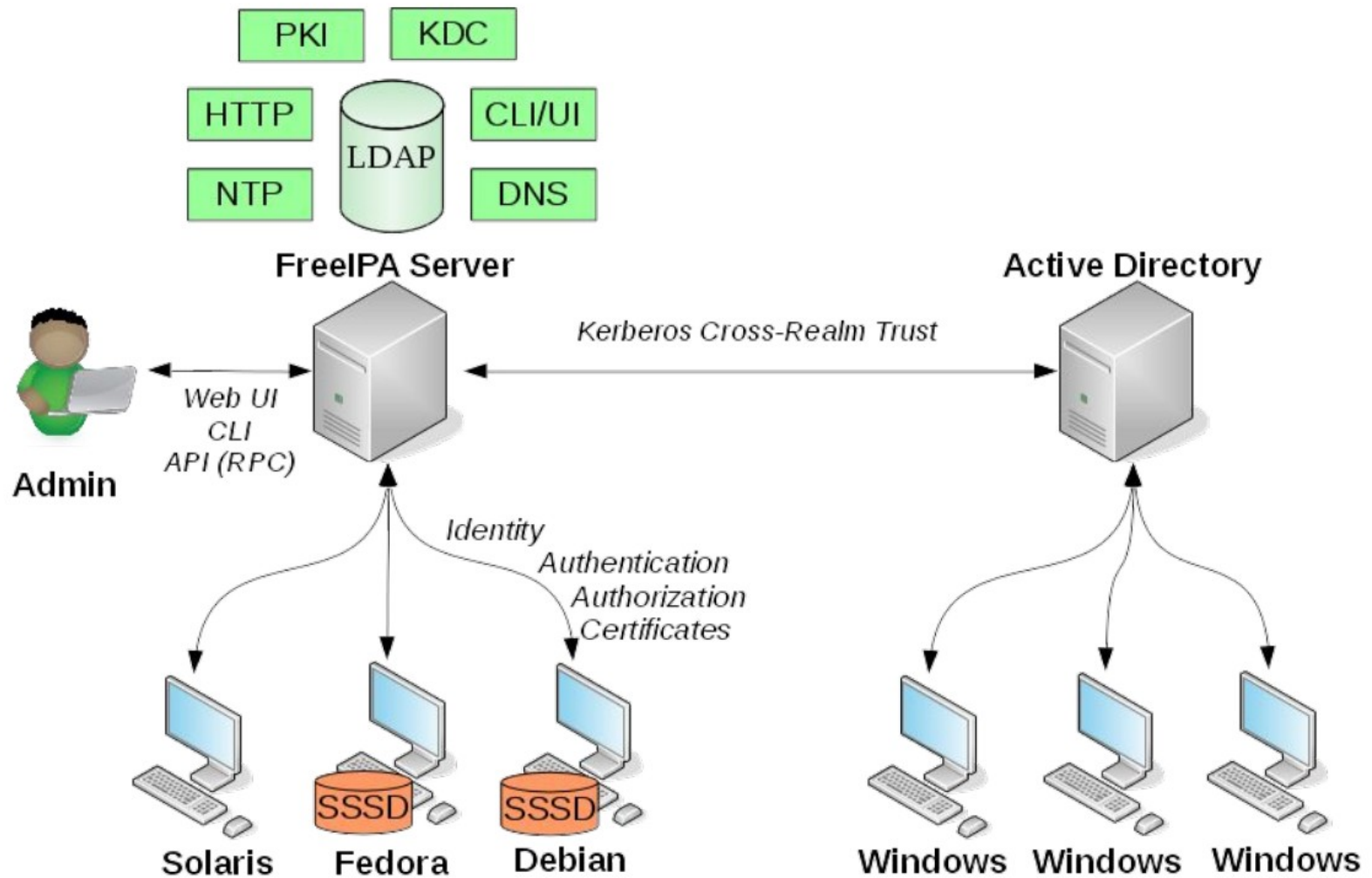


FreeIPA: Componentes

- 389 Directory Server
- MIT Kerberos KDC
- Dogtag Certificate System
- Apache HTTP (UI, API)
- BIND (DNS)
- SSSD (client agent)



FreeIPA: Arquitectura



FreeIPA

freelPA

Test Helpdesk

Identidad

Política

Authentication

Network Services

Servidor IPA

Usuarios

Grupos de usuarios

Equipos

Grupos de equipo

Grupos de red

Sevicios HBAC

Automember

User categories

Active users

Stage users

Preserved users

Active users

Búsqueda

Actualizar

Eliminar

+ Agregar

- Desactivar

✓ Activar

Actions

<input type="checkbox"/>	Ingreso de usuario	Nombre	Apellido	Estatus	UID	Dirección de correo electrónico	Número de teléfono	Cargo
<input type="checkbox"/>	admin		Administrator	✓ Habilitado	1120000000			
<input type="checkbox"/>	employee	Test	Employee	✓ Habilitado	1120000003	employee@demo1.freeipa.org		
<input type="checkbox"/>	helpdesk	Test	Helpdesk	✓ Habilitado	1120000004	helpdesk@demo1.freeipa.org		
<input type="checkbox"/>	manager	Test	Manager	✓ Habilitado	1120000001	manager@demo1.freeipa.org		

Mostrando 1 a 4 de 4 entradas.



FreeIPA

freelPA

Test Helpdesk ▾

Identidad

Política

Authentication

Network Services

Servidor IPA

Usuarios

Grupos de usuarios

Equipos

Grupos de equipo

Grupos de red

Sevicios HBAC

Automember ▾

Equipos

Búsqueda

Actualizar

Eliminar

+ Agregar

Actions ▾

<input type="checkbox"/>	Nombre del equipo	Descripción	Enrolled
<input type="checkbox"/>	ipa.demo1.freeipa.org		Verdad

Mostrando 1 a 1 de 1 entradas.



FreeIPA

freelPA

Test Helpdesk

Identidad

Política

Authentication

Network Services

Servidor IPA

Usuarios

Grupos de usuarios

Equipos

Grupos de equipo

Grupos de red

Sevicios HBAC

Automember

Grupos de usuarios

Búsqueda

Actualizar

Eliminar

Agregar

<input type="checkbox"/>	Nombre del grupo	GID	Descripción
<input type="checkbox"/>	admins	1120000000	Account administrators group
<input type="checkbox"/>	editors	1120000002	Limited admins who can edit other users
<input type="checkbox"/>	employees	1120000005	Test Employees
<input type="checkbox"/>	lpausers		Default group for all users
<input type="checkbox"/>	managers	1120000006	Test Managers
<input type="checkbox"/>	trust admins		Trusts administrators group

Mostrando 1 a 6 de 6 entradas.



FreeIPA

freelPA

Test Helpdesk

IdentidadPolíticaAuthenticationNetwork ServicesServidor IPA

Control de Acceso basado en HostSudoSELinux User MapsPolíticas de ContraseñaPolítica de tiquete de Kerberos

Servicios HBAC

Búsqueda

ActualizarEliminar+ Agregar

<input type="checkbox"/>	% (Count) d HBAC servicios encontrados	Descripción
<input type="checkbox"/>	crond	crond
<input type="checkbox"/>	ftp	ftp
<input type="checkbox"/>	gdm	gdm
<input type="checkbox"/>	gdm-password	gdm-password
<input type="checkbox"/>	gssftp	gssftp
<input type="checkbox"/>	kdm	kdm
<input type="checkbox"/>	login	login
<input type="checkbox"/>	proftpd	proftpd
<input type="checkbox"/>	pure-ftpd	pure-ftpd
<input type="checkbox"/>	sshd	sshd
<input type="checkbox"/>	su	su
<input type="checkbox"/>	su-l	su with login shell
<input type="checkbox"/>	sudo	sudo
<input type="checkbox"/>	sudo-i	sudo-i



Katello



Configuration
management



Provisioning



Repository
management



Content/life cycle
management



Subscription
management

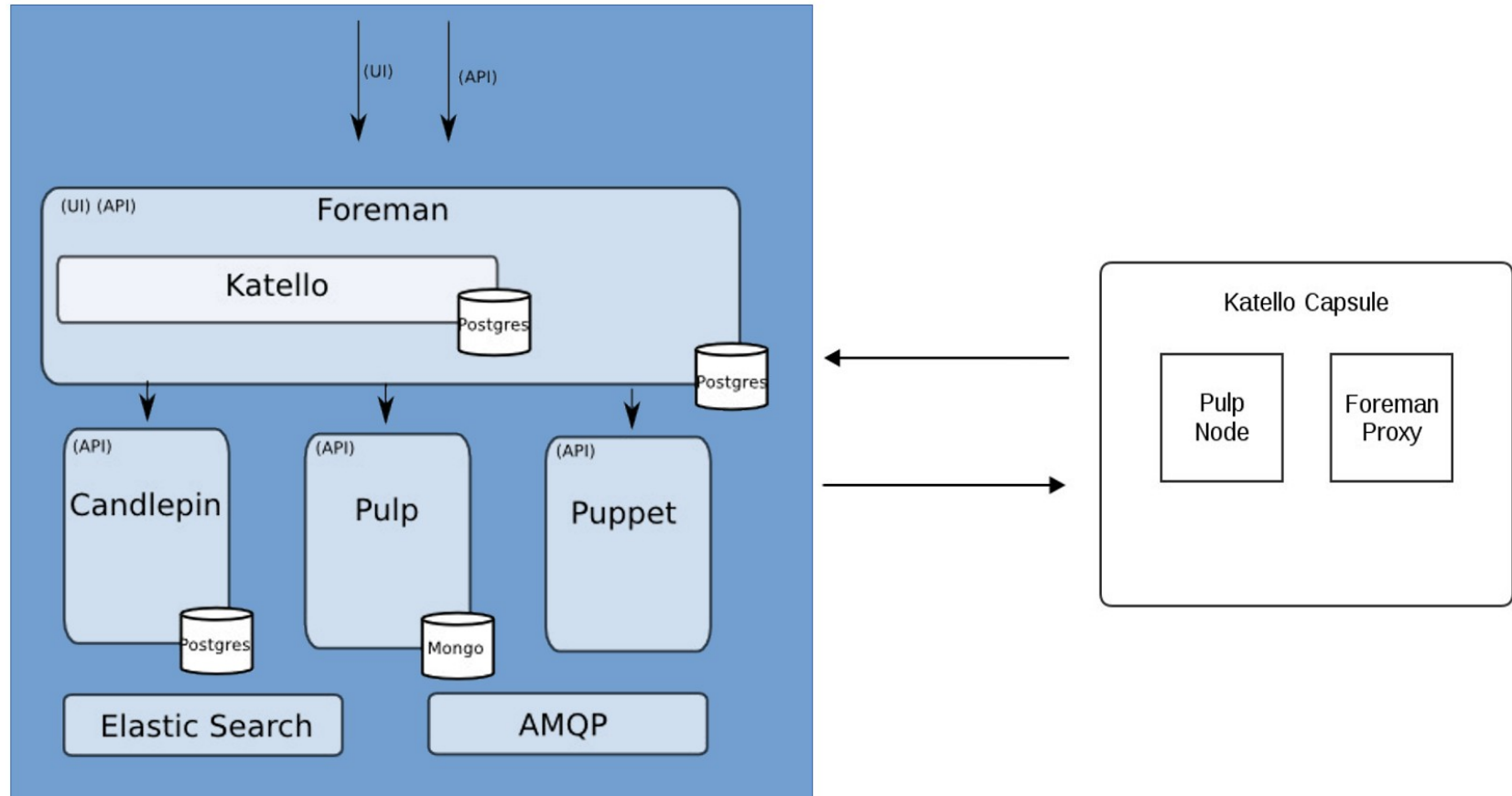


Katello

- Gestión del ciclo de vida de los escritorios:
 - Instalación desatendida
 - Gestión de parches
 - Inventario
 - Auditoria/Compliance



Katello: Arquitectura

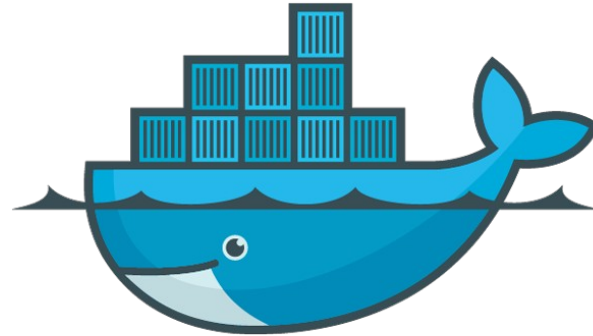
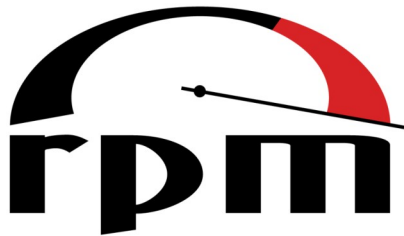


Katello: Gestión de contenido

- Sincronizar repositorios o subir contenido
- Modificar/controlar/filtrar contenido con **Content Views**
- Mover **Content Views** a través de un **Lifecycle**
- Estar consciente de qué updates están pendientes, y qué solucionan



Katello: Contenido

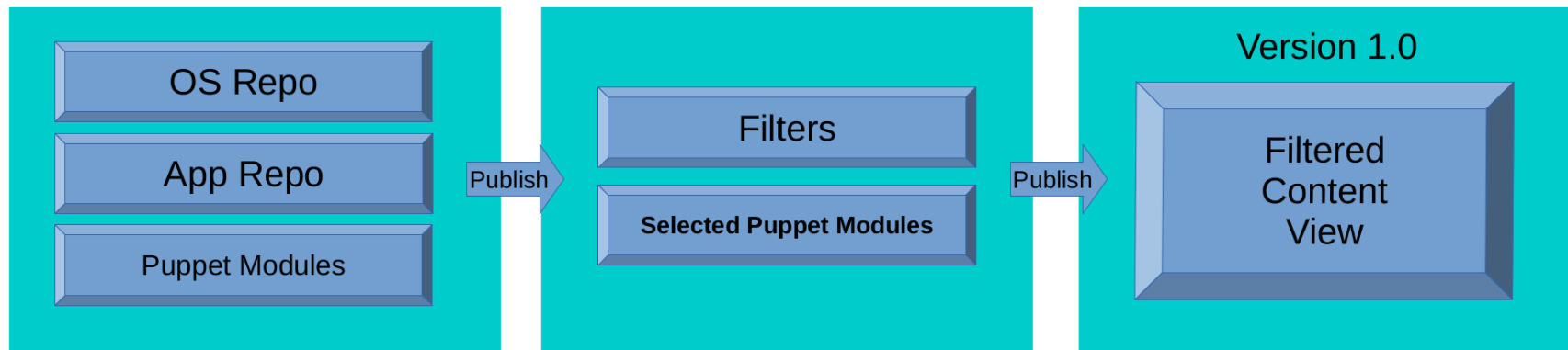


Katello: Fuentes de contenido

- Carga directa
- Sincronización con fuentes externas:
 - Repositorios Yum
 - Puppet Forge
 - Docker Registries
 - Red Hat CDN (con suscripciones apropiadas)



Katello: Content Views



- Añadir repositorios
- Añadir filtros
- Publicar una versión (snapshot) del **Content View** y está disponible en **Library**



Katello: Lifecycle

- Todo el contenido va a **Library**:



- Luego se mueve a través de uno o más rutas de **promoción**



Katello: Content Views

- Promoción a través de una ruta



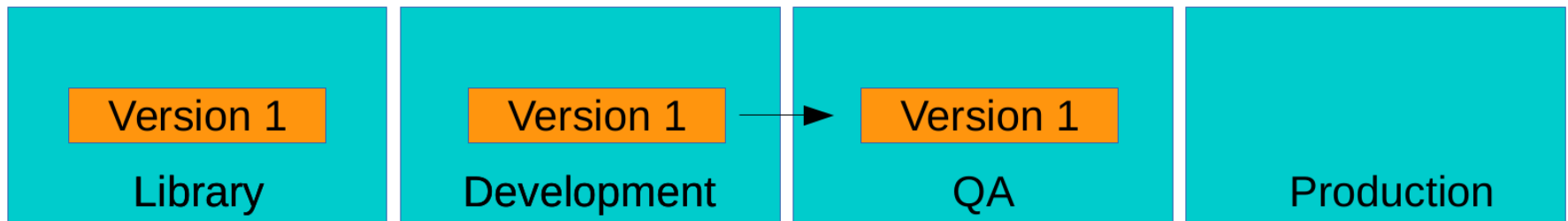
Katello: Content Views

- Promoción a través de una ruta



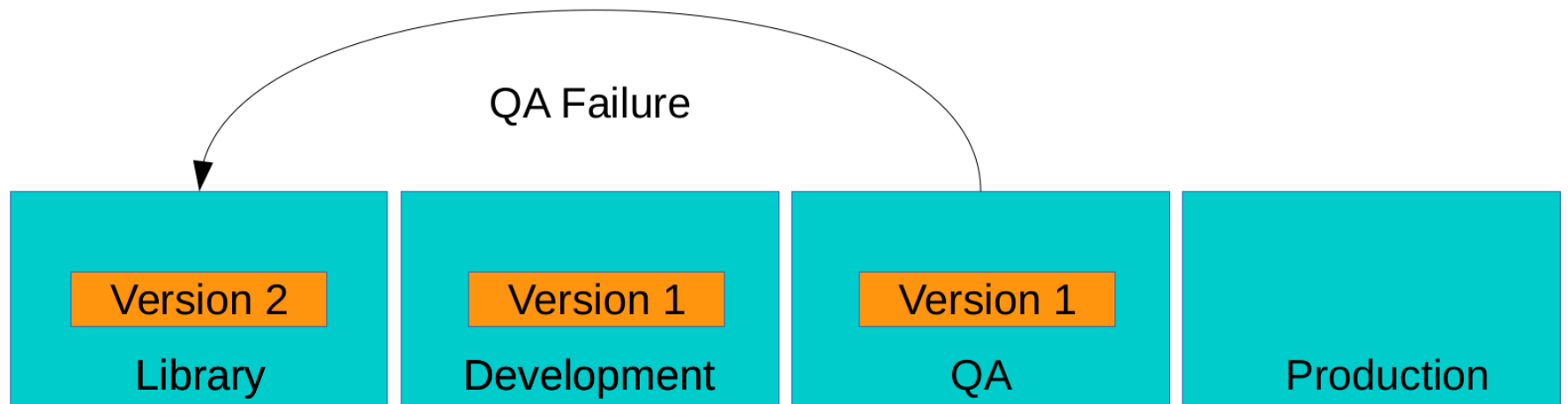
Katello: Content Views

- Promoción a través de una ruta



Katello: Content Views

- Promoción a través de una ruta



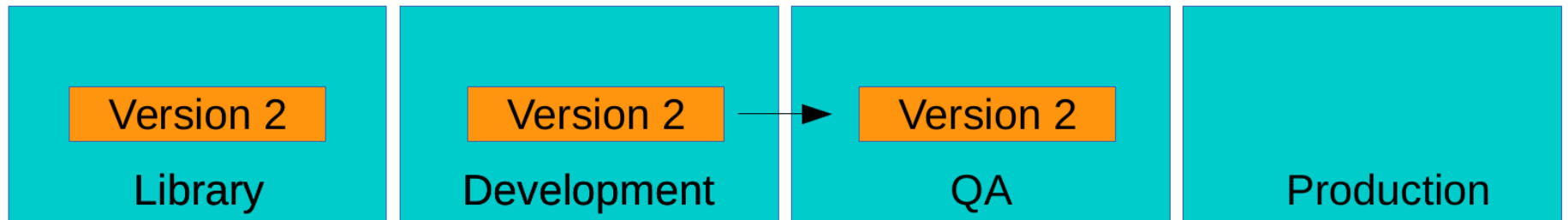
Katello: Content Views

- Promoción a través de una ruta



Katello: Content Views

- Promoción a través de una ruta



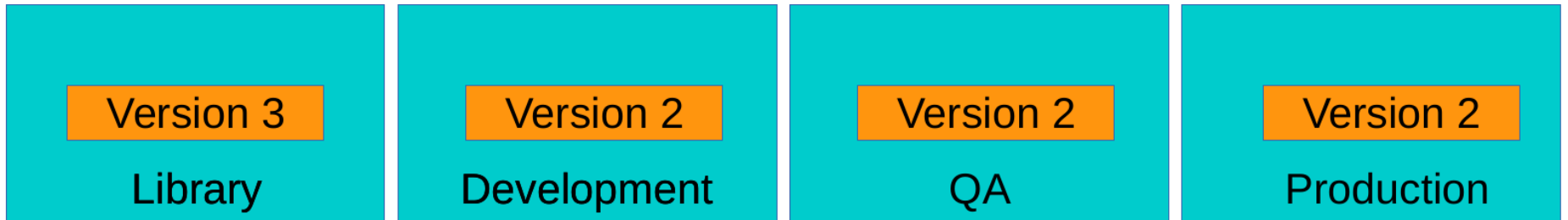
Katello: Content Views

- Promoción a través de una ruta



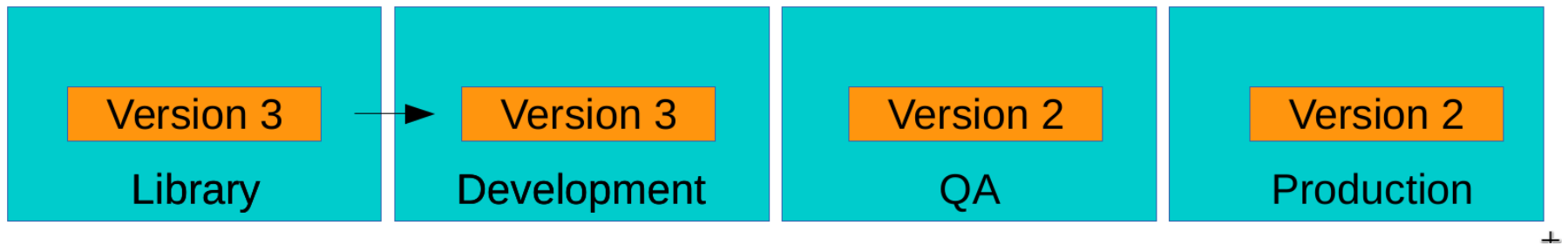
Katello: Content Views

- Promoción a través de una ruta



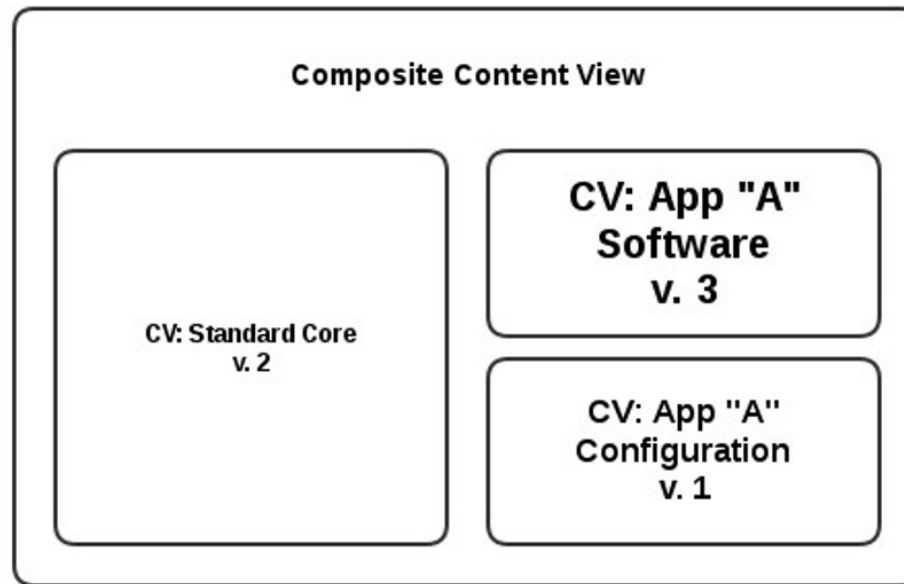
Katello: Content Views

- Promoción a través de una ruta



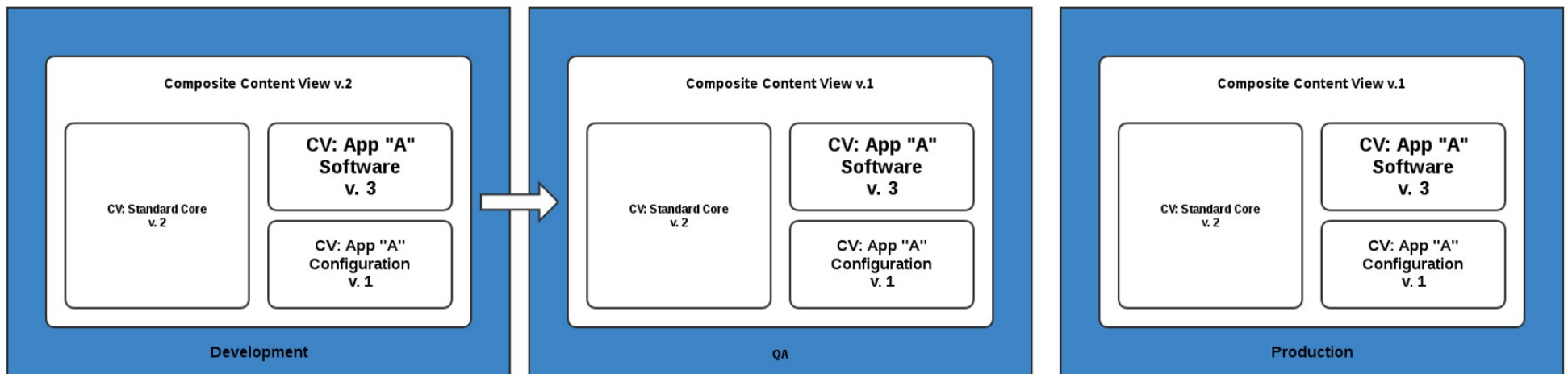
Katello: Composite Content Views

- Un **Composite Content View (CCV)** puede contener otros Content Views
- Permite manejar varios repositorios con ciclos de vida diferentes:



Katello: Composite Content Views

- También se manejan con su propio ciclo de vida



Katello: Errata

- Descripción de los cambios en el software, emitidos por Fedora (EPEL) y Red Hat, publicados mediante *notificaciones de errata*.
- Por categoría:
 - Bugfix
 - Enhancement
 - Security (con severidad – alta/media/baja)



Katello: Errata










- Qué sistemas necesitan actualizaciones críticas?

Content Hosts

Search...

Q

Showing 6 of 6 (6 Total)

<input type="checkbox"/>	Name	Subscription Status	Available Errata	OS	Environment
<input type="checkbox"/>	asgard.bitbin.de	<div></div>	17  1  1 	Red Hat Enterprise Linux Server 6.6	Library
<input type="checkbox"/>	astriaporta.bitbin.de	<div></div>	23  22  12 	Red Hat Enterprise Linux Server 6.6	Library
<input type="checkbox"/>	atlantis.bitbin.de	<div></div>	0  0  0 	Fedora 21	Library



Katello: Errata

Content Host asgard.bitbin.de Unregister Content Host Close

[Details](#) [Provisioning Details](#) [Subscriptions](#) [Host Collections](#) [Tasks](#) [Packages](#) **Errata** [Product Content](#)

Applicable Errata

Show from: Current Environment (Library/Default Organization V

Showing 22 of 22 (22 Total) 0 Selected Apply Selected

<input type="checkbox"/>	Type	Id	Title	Issued
<input type="checkbox"/>	🔧 Bug Fix Advisory	RHBA-2015:0108	tcsh bug fix update	1/29/15
<input type="checkbox"/>	🔧 Bug Fix Advisory	RHBA-2015:0110	nss-softokn bug fix update	1/29/15
<input type="checkbox"/>	⚠️ Security Advisory - Critical	RHSA-2015:0092	Critical: glibc security update	1/27/15
<input type="checkbox"/>	⚠️ Security Advisory - Critical	RHSA-2015:0046	Critical: firefox security and bug fix update	1/13/15



Katello: Errata

From: Foreman-noreply@bitbin.de
Subject: Katello Host Advisory
Date: January 21, 2015 at 2:04 PM
To:

KATELLO HOST ADVISORY

Hosts with Available Errata

3	3	3
SECURITY	BUGFIX	ENHANCEMENT

BitBin
The following hosts have errata that apply to them:

Host	Security	Bugfix	Enhancement
daedalus.bitbin.de	16 (0)	9 (0)	3 (0)
astriaporta.bitbin.de	18 (0)	16 (0)	10 (0)
asgard.bitbin.de	17 (0)	1 (0)	1 (0)

Note: The number in parentheses reflects all applicable errata from the Library environment that are unavailable to the host. You will need to promote this content to the relevant content view in order to make it available.

From: Foreman-noreply@bitbin.de
Subject: Katello Sync Summary for Red Hat Enterprise Linux 6 Server RPMs x86_64 6Server
Date: January 21, 2015 at 2:04 PM
To: stephen@bitbin.de

KATELLO SYNC SUMMARY

The synchronization of "Red Hat Enterprise Linux 6 Server RPMs x86_64 6Server" has completed. Below is a summary of new errata.

New Errata

4	4	0
SECURITY	BUGFIX	ENHANCEMENT

Security Errata

Errata ID	RHSA-2014:2021	Severity	Important
Summary	Updated jasper packages that fix three security issues are now available for Red Hat Enterprise Linux 6 and 7. Red Hat Product Security has rated this update as having Important security impact. Common Vulnerability Scoring System (CVSS) base scores, which give detailed severity ratings, are available for each vulnerability from the CVE links in the References section.		

Errata ID	RHSA-2014:2024	Severity	Important
Summary	Updated ntp packages that fix several security issues are now available for Red Hat Enterprise Linux 6 and 7. Red Hat Product Security has rated this update as having Important security impact. A Common Vulnerability Scoring System (CVSS) base score, which gives a detailed severity rating, is available from the CVE link in the References section.		

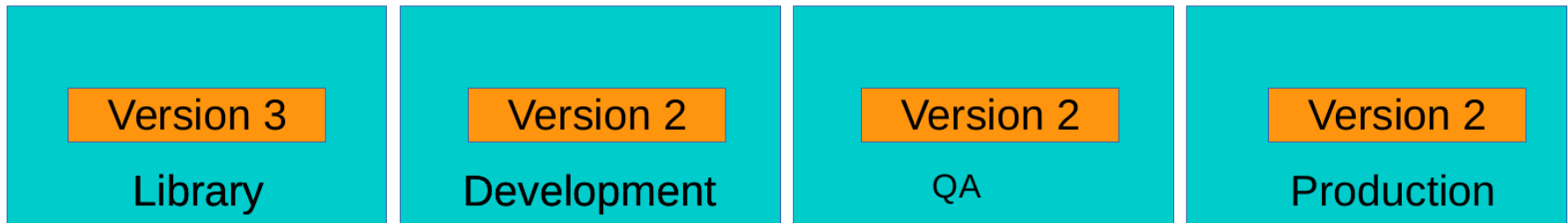
Errata ID	RHSA-2014:1997	Severity	Important
Summary	Updated kernel packages that fix multiple security issues and several bugs are now available for Red Hat Enterprise Linux 6. Red Hat Product Security has rated this update as having Important security impact. Common Vulnerability Scoring System (CVSS) base scores, which give detailed severity ratings, are available for each vulnerability from the CVE links in the References section. The kernel packages contain the Linux kernel, the core of any Linux operating system.		



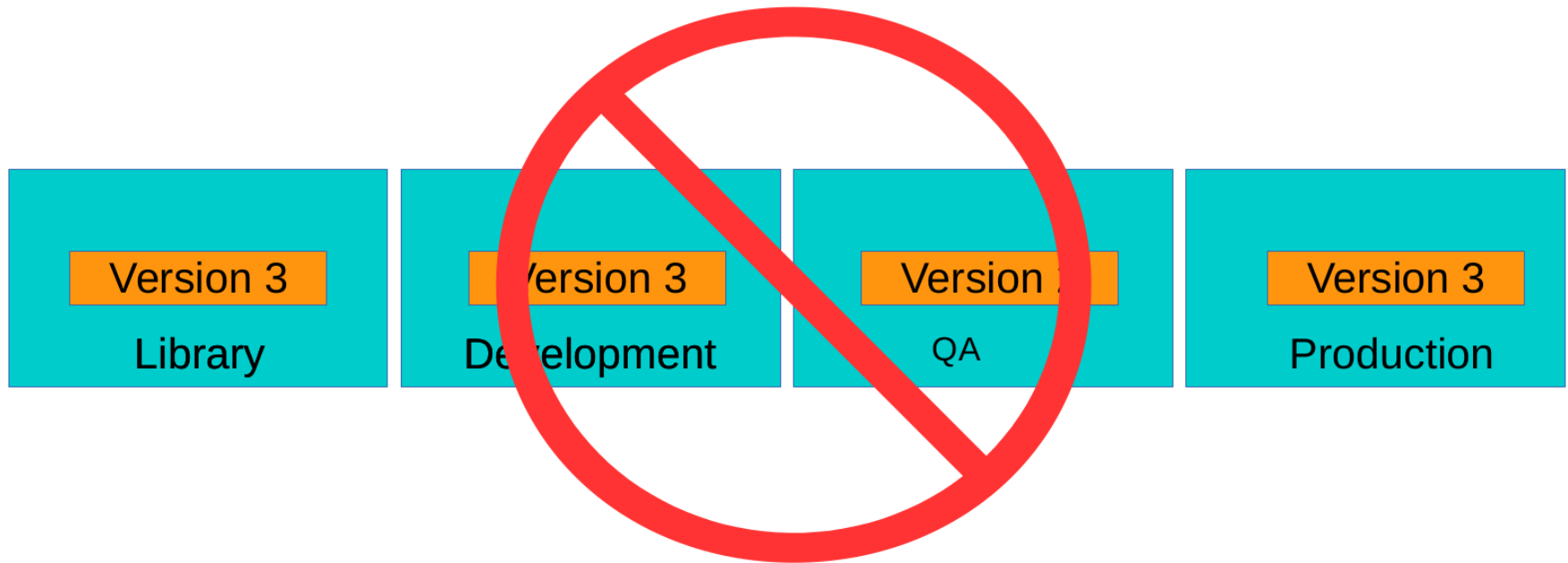
Qué hacer con el próximo Heartbleed?



Promote/Publish?

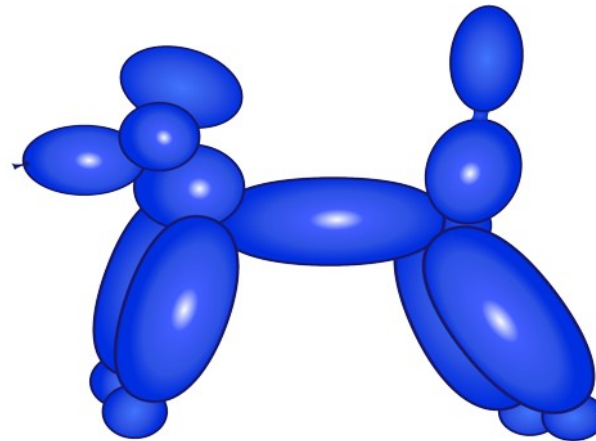


Promote/Publish?

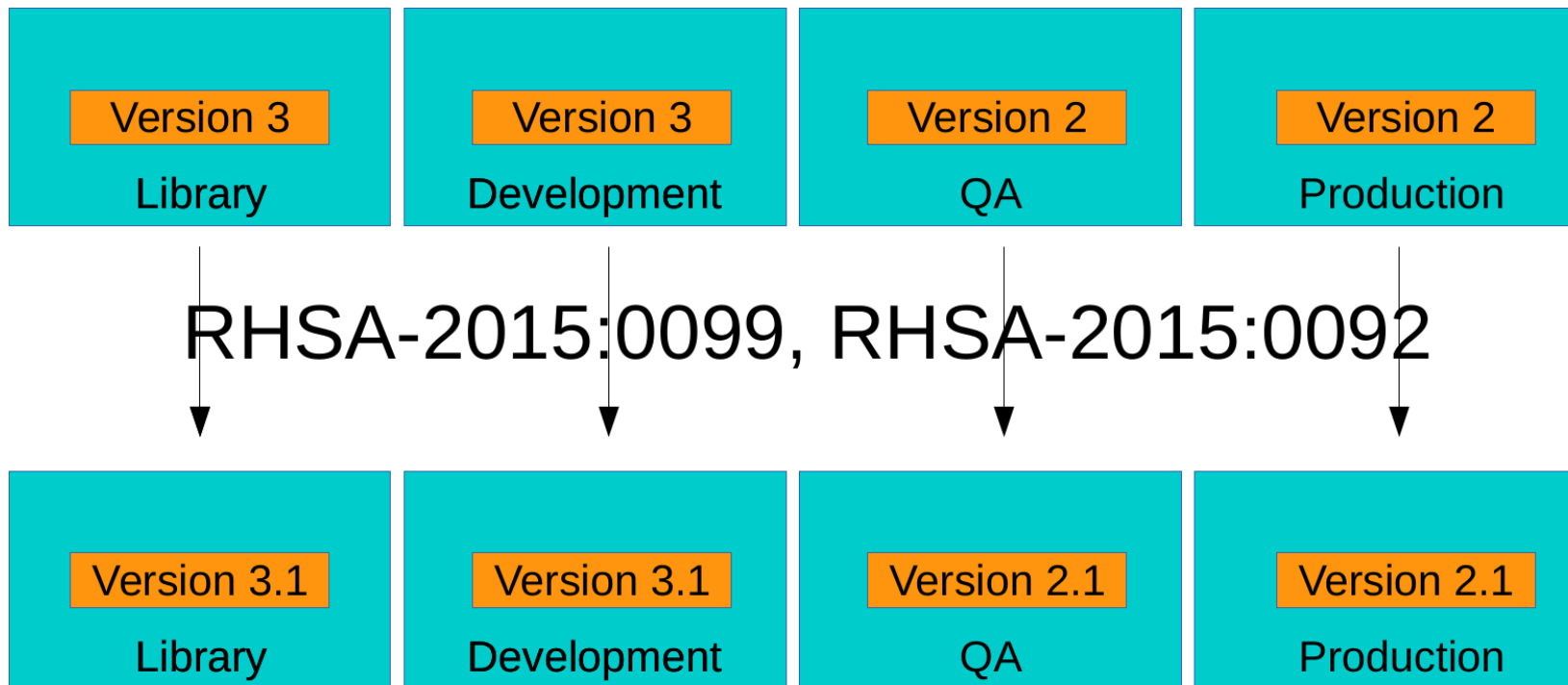


Update Incremental

- Saltarse el lifecycle:
 - Hacer que un update esté disponible hoy
 - Ideal para parches de emergencia



Update Incremental



- Monitor >
- Content >
- Containers >
- Hosts >
- Configure >
- Infrastructure >
- Administer >

Overview

Filter ...

Q Search

🔖

Generated at 12 Feb 10:30

Manage ▾

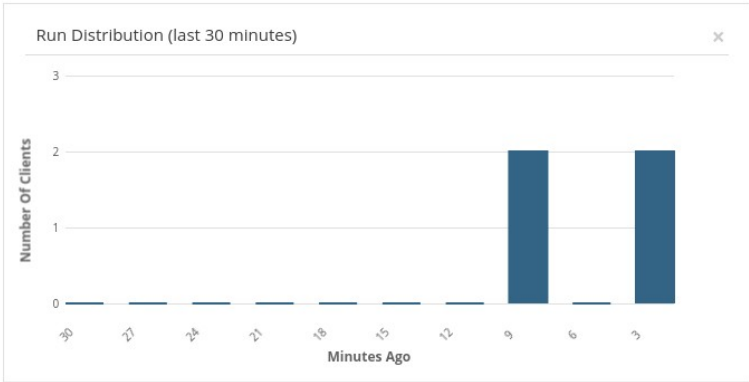
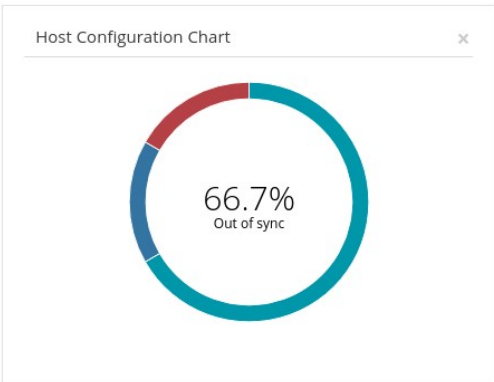
🔄

Documentation

Host Configuration Status

Hosts that had performed modifications without error	1
Hosts in error state	1
Good host reports in the last 35 minutes	0
Hosts that had pending changes	0
Out of sync hosts	4
Hosts with no reports	0
Hosts with alerts disabled	0

Total Hosts: 6



Task Status

State	Result	No. of Tasks	Last start time
paused	error	17	14 days ago
running	pending	2	9 minutes ago
scheduled	pending	2	N/A
stopped	error	8	9 minutes ago



☰

FOREMAN

Any Organization ▾ Any Location ▾

🔔 👤 Admin User ▾

Monitor >

Content >

Containers >

Hosts >

Configure >

Infrastructure >

Administer >

Fact Values | teddy-delapena.example.com

host = teddy-delapena.example.com

Name		Origin	Reported at	Actions
ansible_processor_vcpus		👤	7 months ago	View Chart
facter_physicalprocessorcount		👤	7 months ago	View Chart
ansible_processor_cores		👤	7 months ago	View Chart
ansible_user_uid		👤	7 months ago	View Chart
ansible_user_gid		👤	7 months ago	View Chart
vllans		👤	8 months ago	View Chart
ansible_swapfree_mb		👤	7 months ago	View Chart
ansible_swaptotal_mb		👤	7 months ago	View Chart
facter_swapsizemb		👤	7 months ago	View Chart
swapfree_mb		👤	8 months ago	View Chart
swapsizemb		👤	8 months ago	View Chart
facter_swapfree_mb		👤	7 months ago	View Chart
facter_swapfree		👤	7 months ago	View Chart
swapfree	1024.00 MB	👤	8 months ago	View Chart
swapsizemb	1024.00 MB	👤	8 months ago	View Chart
facter_swapsizemb	1024.00 MB	👤	7 months ago	View Chart
blockdevice_vda_size	10737418240	👤	8 months ago	View Chart
facter_blockdevice_vda_size	10737418240	👤	7 months ago	View Chart
facter_network_lo	127.0.0.0	👤	7 months ago	View Chart
facter_ipaddress_lo	127.0.0.1	👤	7 months ago	View Chart
facter_uptime_seconds	12875	👤	7 months ago	View Chart
ansible_uptime_seconds	12907	👤	7 months ago	View Chart
facter_augeasversion	1.4.0	👤	7 months ago	View Chart
augeasversion	1.4.0	👤	8 months ago	View Chart
ansible_memfree_mb	1488	👤	7 months ago	View Chart
mtu_eth2	1500	👤	8 months ago	View Chart
mtu_eth1	1500	👤	8 months ago	View Chart

Fact distribution chart - swapfree (5 hosts)

1024.00 MB

1.26 GB

80%

1024.00 MB



- Monitor >
- Content >
- Containers >
- Hosts >
- Configure >
- Infrastructure >
- Administer >

notice	/File[/var/lib/puppet/lib/puppet/parser/functions/shell_join.rb]/ensure	defined content as '{md5}60817e59ed6eda2cc536d15c88d0d280'
notice	/File[/var/lib/puppet/lib/puppet/functions/validate_ip_address.rb]/ensure	defined content as '{md5}65a12af9a2c2a9c70d820d04d19ec891'
notice	/File[/var/lib/puppet/lib/puppet/parser/functions/is_function_available.rb]/ensure	defined content as '{md5}628428bbcd9313ce09783d9484330e09'
notice	/File[/var/lib/puppet/lib/puppet/parser/functions/str2salteds512.rb]/ensure	defined content as '{md5}49afad7b386be38ce53deaefef326e85'
notice	/File[/var/lib/puppet/lib/puppet_x/puppetlabs/registry/provider_base.rb]/ensure	defined content as '{md5}7d511743b5cec6b375b684b88396838a'
notice	/File[/var/lib/puppet/lib/puppet/parser/functions/delete_undef_values.rb]/ensure	defined content as '{md5}b32d4a3925753b2eb2c318cbd7f14404'
notice	/File[/var/lib/puppet/lib/puppet/parser/functions/fqdn_rotate.rb]/ensure	defined content as '{md5}770d510a2e50d19b2dd42b6edef3fb1f'
notice	/File[/var/lib/puppet/lib/puppet/parser/functions/validate_ip_address.rb]/ensure	defined content as '{md5}b23c3d5ce6839e32d0186411147a6a44'
notice	/File[/var/lib/puppet/lib/puppet/parser/functions/is_email_address.rb]/ensure	defined content as '{md5}82573a431edf5a0bf9847393af27566a'
notice	/File[/var/lib/puppet/lib/puppet/parser/functions/values_at.rb]/ensure	defined content as '{md5}325a899e0201e8df5bd483fec6f12d76'
notice	/File[/var/lib/puppet/lib/puppet/parser/functions/getvar.rb]/ensure	defined content as '{md5}0c8c5cef7e158e232a8cf6e42c10d0ff'
notice	/File[/var/lib/puppet/lib/puppet/parser/functions/strftime.rb]/ensure	defined content as '{md5}e02e01a598ca5d7d6eee0ba22440304a'
notice	/File[/var/lib/puppet/lib/puppet/parser/functions/chop.rb]/ensure	defined content as '{md5}0ec76f54afd94201f35785dfb2092b5'
notice	/File[/var/lib/puppet/lib/puppet/parser/functions/ensure_resources.rb]/ensure	defined content as '{md5}c92d8b69d6354eda24aa3a13d88177b2'
notice	/File[/var/lib/puppet/lib/puppet/parser/functions/is_float.rb]/ensure	defined content as '{md5}363e152a18e18997be12ab61b56c3160'
notice	/File[/var/lib/puppet/lib/puppet/parser/functions/parsejson.rb]/ensure	defined content as '{md5}15165fd3807d9f3d657697fa854d643d'
notice	/File[/var/lib/puppet/lib/puppet/provider/registry_key]/ensure	created
notice	/File[/var/lib/puppet/lib/puppet/provider/registry_key/registry.rb]/ensure	defined content as '{md5}5c26c6cbb1669a01361e69fadbbb408d'
notice	/File[/var/lib/puppet/lib/puppet/parser/functions/validate_cmd.rb]/ensure	defined content as '{md5}7df12370db442eddddcf4dd7a5364b5e'

Report Metrics

100%
Config retrieval

Report Status

Status	Number of Events
Applied	0
Restarted	0
Failed	0
Failed restarts	0
Skipped	7
Pending	0

config_retrieval	1.5761
Total	1.5761



- Monitor >
- Content >
- Containers >
- Hosts >
- Configure >
- Infrastructure >
- Administer >

Puppet Classes

Filter ...

Q Search

Import environments from centos-devel.example.com

Documentation

Class name	Environments	Host Groups	Hosts	Parameters	Variables	Actions
api_test_classparameters	KT_OrdinaryOrg_Library_puppet_cv_6		0	200	0	Delete ▾
api_test_classparameters::subclass_1	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
api_test_classparameters::subclass_2	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
api_test_classparameters::subclass_3	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
api_test_classparameters::subclass_4	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
api_test_classparameters::subclass_5	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
api_test_classparameters::subclass_6	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
api_test_classparameters::subclass_7	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
api_test_classparameters::subclass_8	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
api_test_variables	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
api_test_variables::subclass_1	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
api_test_variables::subclass_2	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
api_test_variables::subclass_3	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
api_test_variables::subclass_4	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
api_test_variables::subclass_5	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
api_test_variables::subclass_6	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
api_test_variables::subclass_7	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
api_test_variables::subclass_8	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
apt::params	orphan_env		0	0	0	Delete
apt::update	orphan_env		0	0	0	Delete
cli_test_classparameters	KT_OrdinaryOrg_Library_puppet_cv_6		0	200	0	Delete ▾
cli_test_classparameters::subclass_1	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
cli_test_classparameters::subclass_2	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
cli_test_classparameters::subclass_3	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
cli_test_classparameters::subclass_4	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
cli_test_classparameters::subclass_5	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete
cli_test_classparameters::subclass_6	KT_OrdinaryOrg_Library_puppet_cv_6		0	0	0	Delete



FOREMAN

Any Organization ▾ Any Location ▾

Admin User ▾

Monitor

Content

Containers

Hosts

Configure

Infrastructure

Administer

massive-mansion.example.com

Found 3 reports from the last 7 days

Details

Audits Facts Reports **YAML** Content Compliance

Properties Metrics Templates VM NICs

Properties

Status

Warning

Compliance

Inconclusive

Build

Installed

Configuration

Active

Errata

Could not calculate errata status, ensure host is registered and the katello-host-tools package is installed

Subscription

Fully entitled

Traces

No processes require restarting

Domain

example.com

IP Address

192.168.100.24

MAC Address

52:54:00:cf:0a:fa

Puppet Environment

example_env

Architecture

x86_64

Operating System

CentOS 7.4.1708

PXE Loader

PXELinux BIOS

Host group

centos_hostgroup/scap

Location

Default Location

Organization

Default Organization

Owner

Admin User

Console

Schedule Remote Job ▾

Back

Edit

Clone

Build

Power Off

Run puppet

Delete

Runtime

last 7 days

Time in Seconds

Config Retrieval

Runtime

Resources

last 7 days

Number of Events

Applied

Failed

Failed restarts

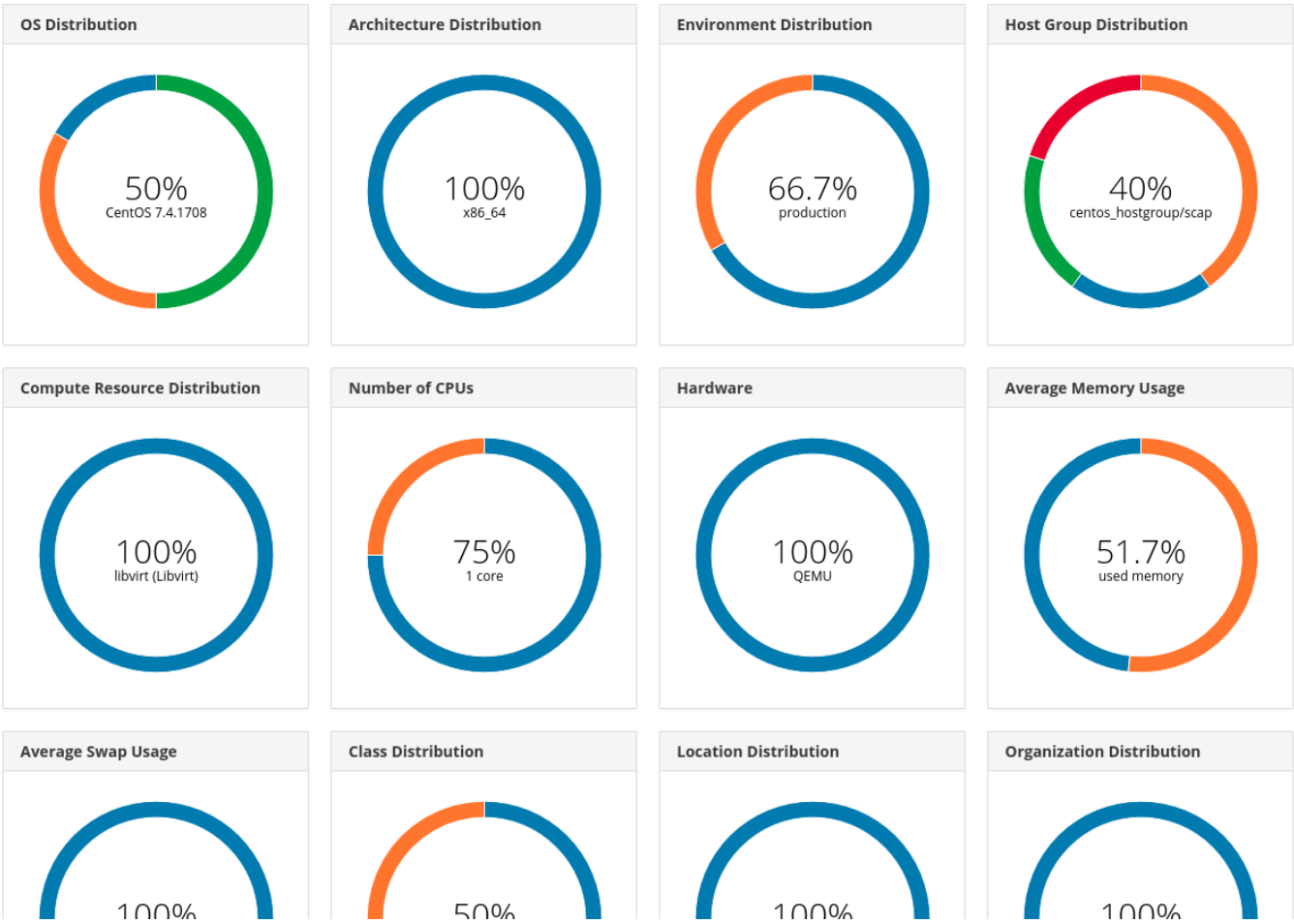
Skipped

Restarted

DeskOS

- Monitor >
- Content >
- Containers >
- Hosts >
- Configure >
- Infrastructure >
- Administer >

Statistics



Plugins:



ANSIBLE



COLUMN VIEW



DISCOVERY



KATELLO



SALT



PUPPETDB



MORE



AZURE



COCKPIT



DOCKER



MEMCACHE



SETUP



XEN



BOOTDISK



DEFAULT HOST GROUP



GRAPHITE



OPENSAP



TASKS



VIRT-WHO CONFIGURE



CHEF



DIGITALOCEAN



HOOKS



REMOTE EXECUTION



TEMPLATES



FOREMAN MAINTAIN



Gestión de DeskOS

Se debe reducir la complejidad, tiempo y costo de la gestión de escritorios:

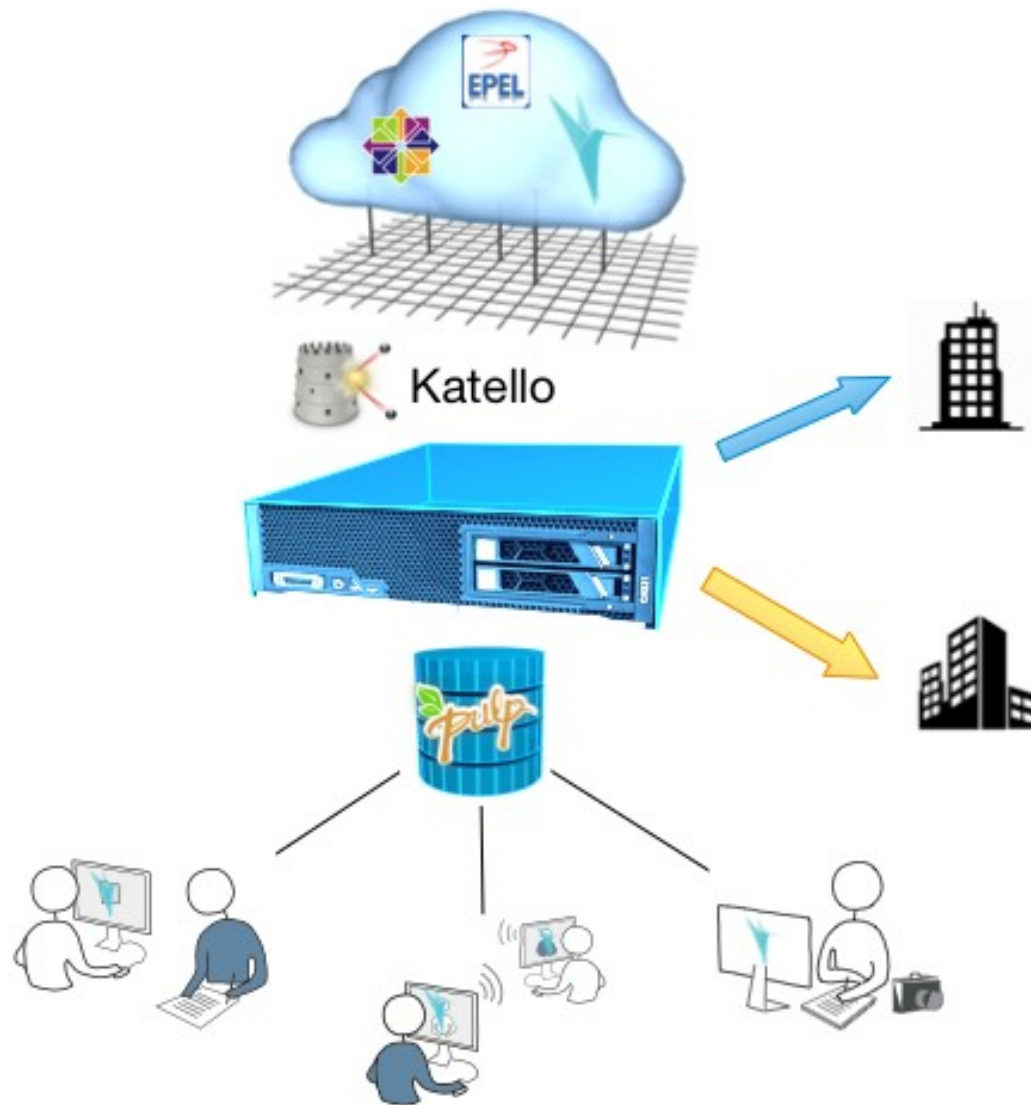
- Automatizando la gestión de parches y paquetes.
- Simplificando la aplicación de políticas.
- Manejando cientos estaciones de trabajo Linux desde un solo punto.



Gestión de DeskOS:

- **Katello:** Gestión de ciclo de vida de máquinas
- **FreeIPA:** Autenticación Centralizada
- **Ansible:** Configuration Management





DeskOS

DeskOS: Cómo colaborar?

- Si quieres probar el instalador:
 - [**https://deskos.download**](https://deskos.download)
- Si quieres colaborar con el desarrollo:
 - [**https://github.com/deskosproject**](https://github.com/deskosproject)
- Si quieres saber más acerca del proyecto:
 - [**https://proyectodeskos.org**](https://proyectodeskos.org)



DeskOS: Cómo contactarnos

- Mail:

deskos@deskosproject.org

- Twitter:

@deskosproject



A stylized blue bird logo, possibly a hummingbird, composed of several overlapping geometric shapes in shades of blue. It is positioned on the left side of the slide, facing right.

Gracias!

Contáctanos:

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