

# Administrando sistemas con Spacewalk

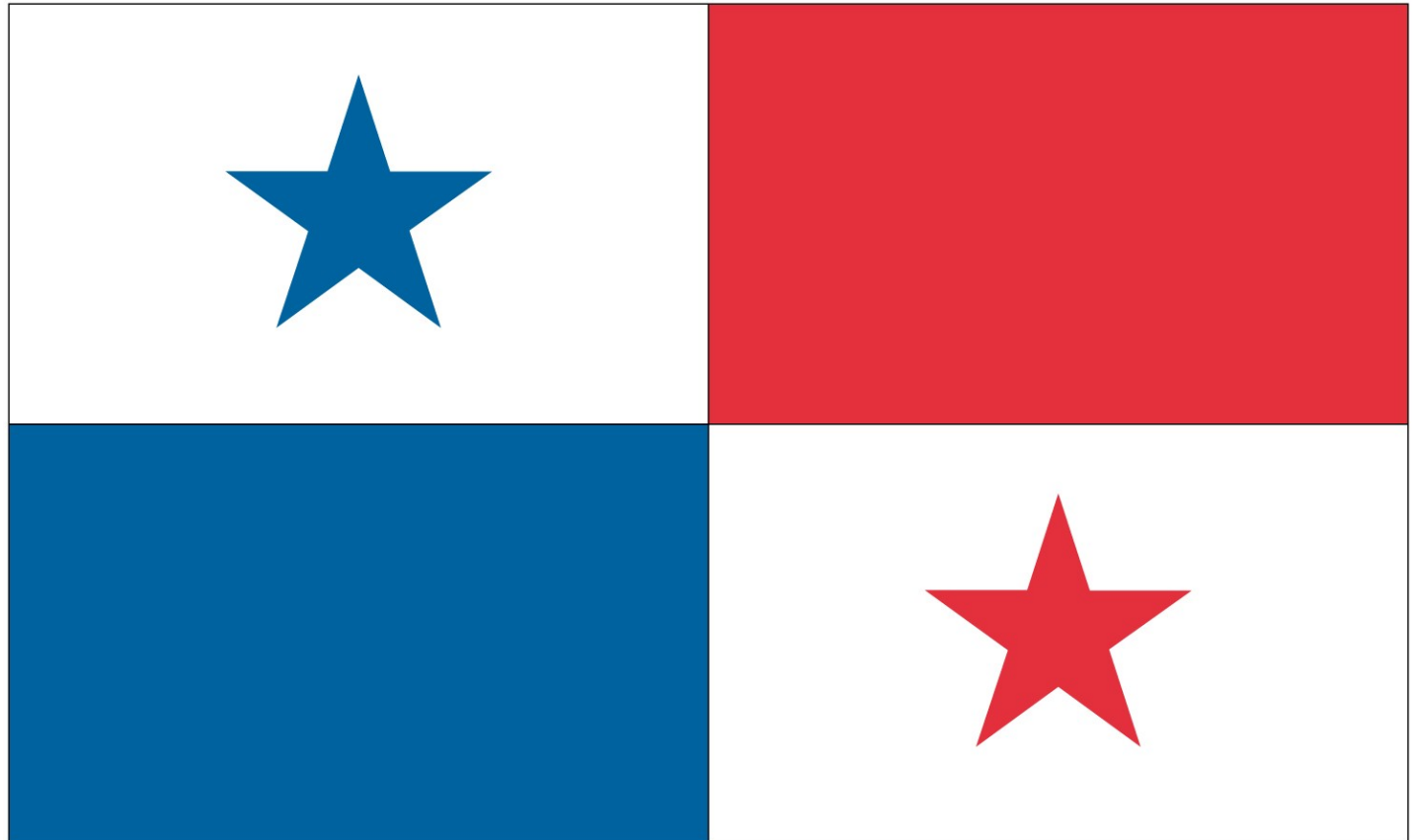
Free & Open Source Lifecycle Management

infinite › infinity › ∞ = ∞

“F” › as in  
freedom  
and  
Fedora › F › f = f

Fedora › the  
voice  
of the  
community › =

∞ + f + =  
infinity freedom voice



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## Visión general



- **Community driven Lifecycle Management Tool**
- **Active since June 2008**
- **Upstream for Red Hat Network Satellite**
- **One ring to rule them all**



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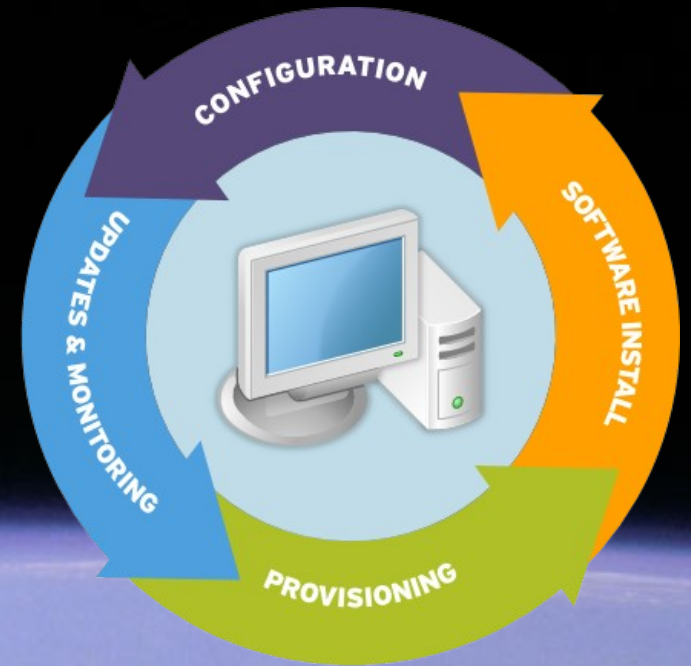






## Visión general

- Provisioning
- Software Management
- Configuration Management
- Monitoring
- Reprovision





## Provisioning

- **Asistente Kickstart**
- **Cobbler**
  - **PXE automation**
  - **Snippets**







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# Provisioning... *we worry about other things*



# Administración de Software



- **Administración Centralizada**
- **Grupos con SSM**
- **Updates & erratas**
- **Canales personalizados**
- **Snapshot & rollback**





# Administración de Configuración



- **Control de versiones de archivos de configuración**
- **Macros**
- **Comandos Remotos**







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# Monitoring

- **Sondeos**
  - Estado de los servicios
  - Puertos
  - Estado de los sistemas
- **Reportes Gráficos**
- **Alertas**





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# Reprovisioning



- **Koan**
  - **PXE / Grub**
- **Selección de Kickstart**
- **Sincronización de perfiles de Packages**
- **Scheduling**
- **History**



## Estrategia

- Última tecnología 
- Ciclo de lanzamiento de 3-6 meses
- No tiene soporte de Red Hat
- Desarrollado por Red Hat y la comunidad
- Soporta Fedora, CentOS, RHEL
  - Suse, Debian, Solaris
- Se viene Full soporte PostgreSQL





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## Community Contributions



- **Mailinglists and IRC**
- **Documentation**
- **<https://fedorahosted.org/spacewalk/wiki/>**





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**Tú puedes ser el SuperSysAdmin !!**

```
[root@larry server]# cat respuestas.txt
admin-email = root@localhost
ssl-set-org = Spacewalk Org
ssl-set-org-unit = spacewalk
ssl-set-city = Santiago
ssl-set-state = RM
ssl-set-country = CL
ssl-password = spacewalk
ssl-set-email = root@localhost
ssl-config-sslhost = Y
db-backend=oracle
db-user=spacewalk
db-password=spacewalk
db-name=XE
db-host=localhost
db-port=1521
enable-tftp=Y
```



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```
[root@larry server]# spacewalk-setup --disconnected --answer-file=/root/respuestas.txt
* Setting up Oracle environment.
* Setting up database.
** Database: Setting up database connection for Oracle backend.
** Database: Testing database connection.
** Database: Populating database.
*** Progress: ####
* Setting up users and groups.
** GPG: Initializing GPG and importing key.
* Performing initial configuration.
* Activating Spacewalk.
** Loading Spacewalk Certificate.
** Verifying certificate locally.
** Activating Spacewalk.
* Enabling Monitoring.
* Configuring apache SSL virtual host.
* Configuring tomcat.
* Configuring jabberd.
* Creating SSL certificates.
* Deploying configuration files.
* Update configuration in database.
* Setting up Cobbler..
* Restarting services.
Installation complete.
Visit https://larry.letelier.cl to create the Spacewalk administrator account.
```





# Administrando sistemas con

Free & Open Source Lifecycle Management



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**fudcon 2011**  
PANAMA

FEDORA USERS & DEVELOPERS CONFERENCE  
26 al 28 de Mayo, Ciudad del Saber

[https://fedoraproject.org/wiki/FUDCon:Panama\\_2011](https://fedoraproject.org/wiki/FUDCon:Panama_2011)

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