

# Top 10 Things To Setup On New and Existing Servers

Igal Koshevoy, Pragmaticcraft  
Business-Technology Consultant  
igal@pragmaticcraft.com  
@igalko on Twitter & Identi.ca

# Backstory

## Call for participation

# 1. Automation

- Automatelt
- Puppet
- Chef
- Cfengine
- Bcfg2
- Make
- Shell
- ...or anything!

## 2. Development environment

Shared file system:

- sshfs
- NFS
- Samba
- Etc.

Virtualization:

- VirtualBox
- VMWare
- Xen
- OpenVZ
- Etc.

### 3. Disaster recovery plan



## 4. Host firewalling

- iptables and friends

## 5. SSH hardening

- No passwords, only keys?
- No root, only sudo?
- Limit to known hosts?
- Change port?
- Install fail2ban?

## 6. Package update notifications

- apt-cron
- yum-updatesd
- Etc.



## 7. Time synchronization

- ntpdate
- ntpd

## 8. Distributed backups

- rdiff-backup
- duplicity
- Etc.

## 9. Offsite monitoring

- Monit
- Nagios
- ZenOSS
- Hosted solution
- Etc.

# 10. Tools

- Non-packaged installation: GNU stow or xstow
- Virtual consoles: screen or dtach
- Text editors: vim, nano and emacs
- What's eating up all my IO: iotop
- What's eating up all my CPU cycles and memory: top or ntop
- What's eating up all my electricity: powertop
- Moar?

# Questions & Answers

Igal Koshevoy  
Biz-Tech Consultant  
igal@pragmaticcraft.com  
@igalko