



**The shortest path  
to better software.**

**Puppet Enterprise**



A person is seen from behind, sitting at a desk in a dimly lit office. They are looking at two computer monitors displaying code. The desk is cluttered with various items, including a blue water bottle, a white mug, and some papers. Other desks and monitors are visible in the background, suggesting a busy software development environment.

Every company  
is a software company.



**It feels like  
a breaking point.**



**Change**  
**is necessary.**

# **We help great companies:**

**Become great software companies**

**Deliver fantastic experiences to their users**

**Provide better software, faster**

**And do it simply, at scale and securely**

# Why people choose us:

Proven success

Leading platform

The standard

Bridge to the future

# Automate for speed, reliability and security

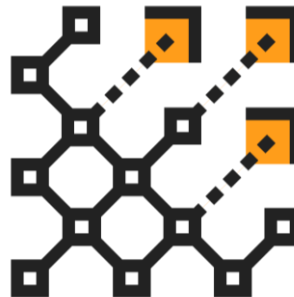
What's needed to deliver and operate modern software simply, at scale and securely



Define with a common  
language



Gain situational  
awareness



Orchestrate change  
intelligently

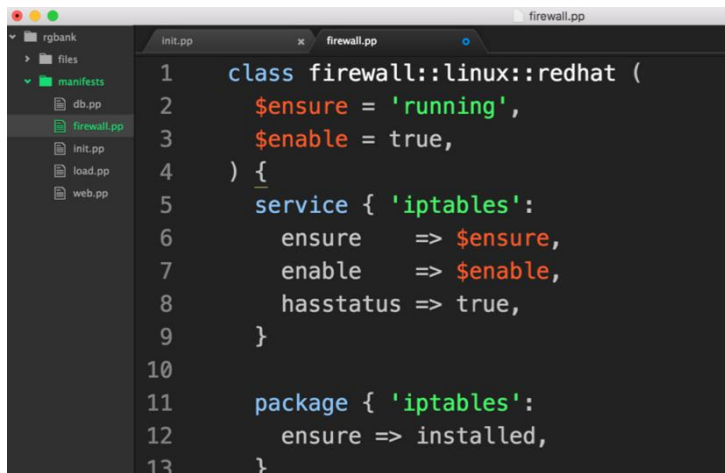


Ensure security &  
compliance

Across devices, through the stack

# Define with a common language

Standard way for teams to deliver and operate software



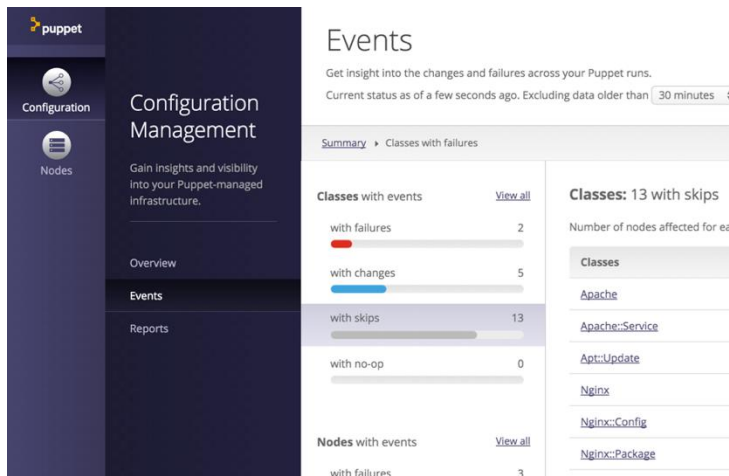
```
1 class firewall::linux::redhat (
2   $ensure = 'running',
3   $enable = true,
4 ) {
5   service { 'iptables':
6     ensure => $ensure,
7     enable => $enable,
8     hasstatus => true,
9   }
10
11   package { 'iptables':
12     ensure => installed,
13   }
```

Puppet code example

- Easy to read, understand, write & share
- Write once, use everywhere
- Testing built in
- No code clobbering
- Choose from thousands of free modules, backed by a vibrant ecosystem

# Gain situational awareness

Know exactly what is going on with all your software

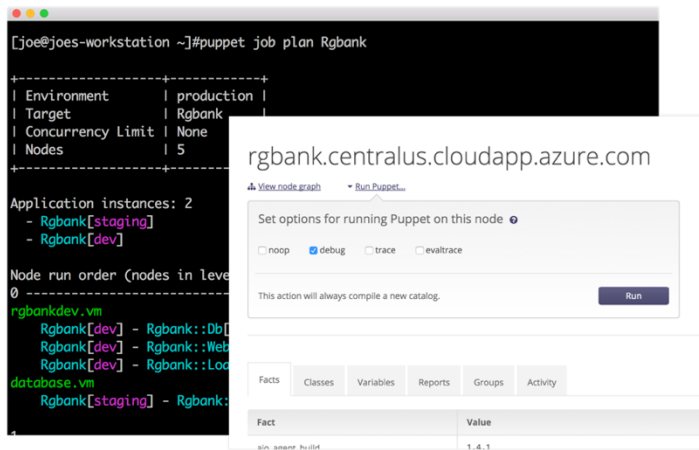


Event inspection in Puppet Enterprise

- Real-time change visibility
- Unique dependency visualizations
- Continual drift monitoring and reporting
- Audit and compliance reporting
- Built-in, custom and 3<sup>rd</sup> party visualizations

# Orchestrate change intelligently

Orchestrate change across distributed apps and global infrastructure

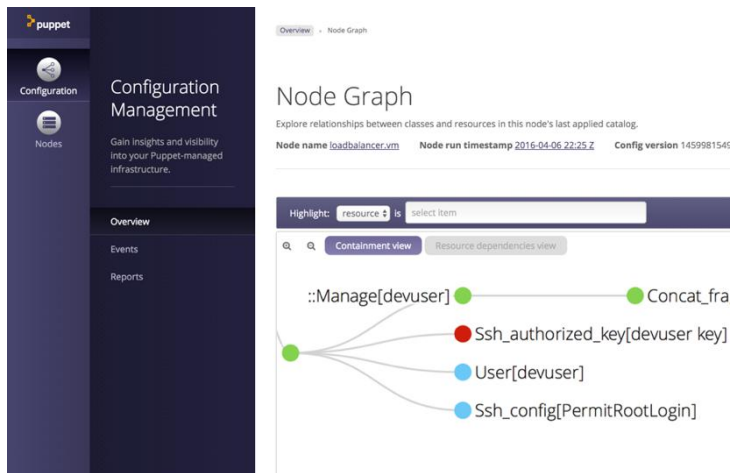


- Continual enforcement and automatic remediation
- Real time change control and visibility
- Ordered deployment built-in
- Orchestrate change from Puppet, Git, Jenkins, HipChat, schedulers, etc.

Running Puppet in the web UI,  
orchestrating change in the CLI

# Ensure security and compliance

**Automation to continually enforce policies. Traceability to prove compliance.**

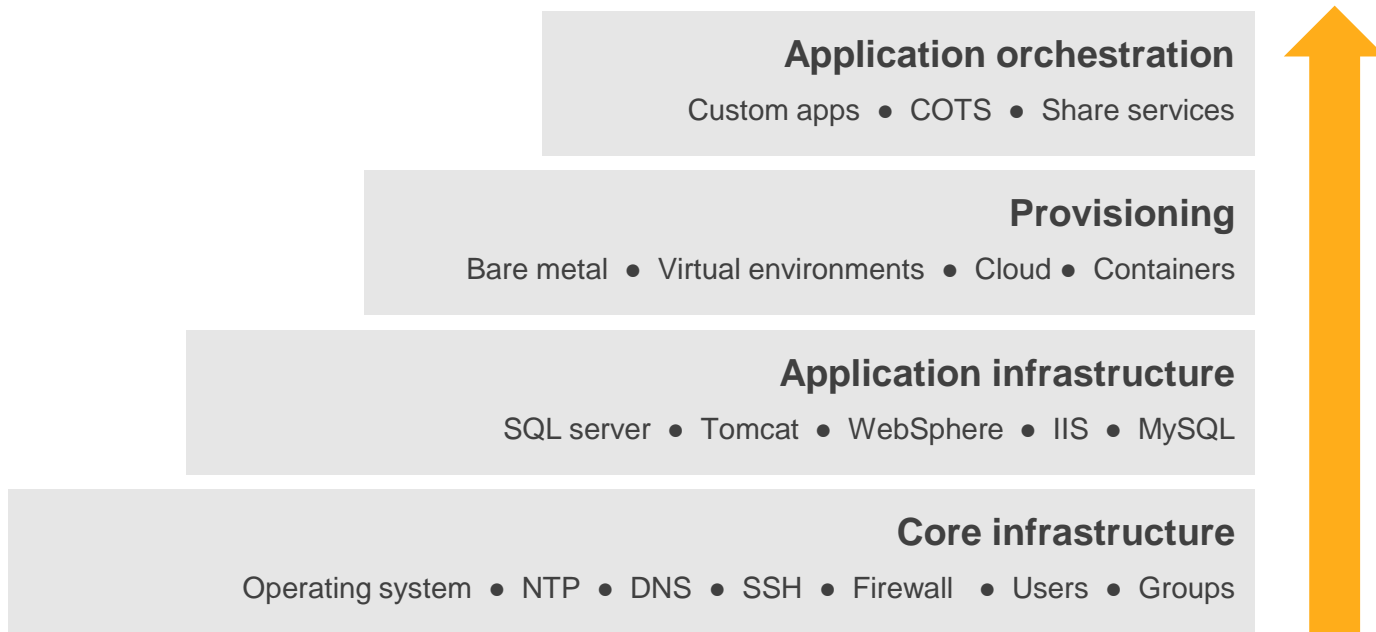


- Define and deploy security and compliance policies
- Continual enforcement and automatic remediation
- Reporting and traceability to prove compliance

Interactive visualization in Puppet Enterprise

# Where to start with automation

**Start with core infrastructure and work up**



# Cloud Management with Puppet

Adopt, unify and manage  
cloud environments



# Supporting heterogeneous infrastructure



# Cloud adoption drives business

Source: IDC *"Don't Get Left Behind: The Business Benefits of Achieving Greater Cloud Adoption,"* Aug 2015



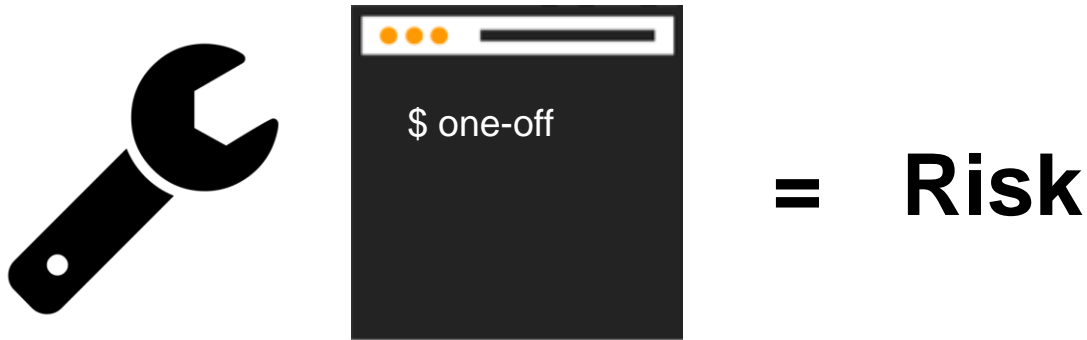
**of organizations believe cloud will help them improve their revenue**

# Automation in the cloud

**Native tools don't work**

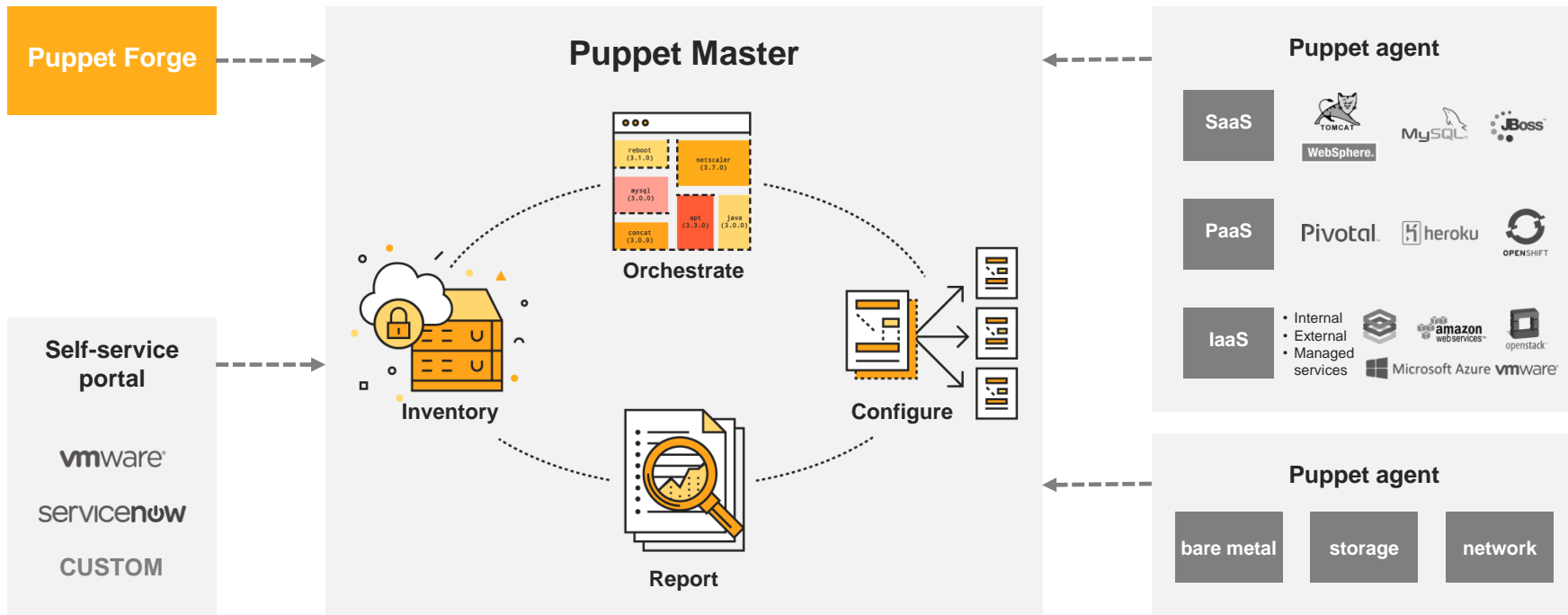
**Manual approaches / scripts are problematic**

**Misconfiguration creates risk**



# Unify physical, virtual, cloud

enforcement & remediation • code consistency • code visibility • security & audit



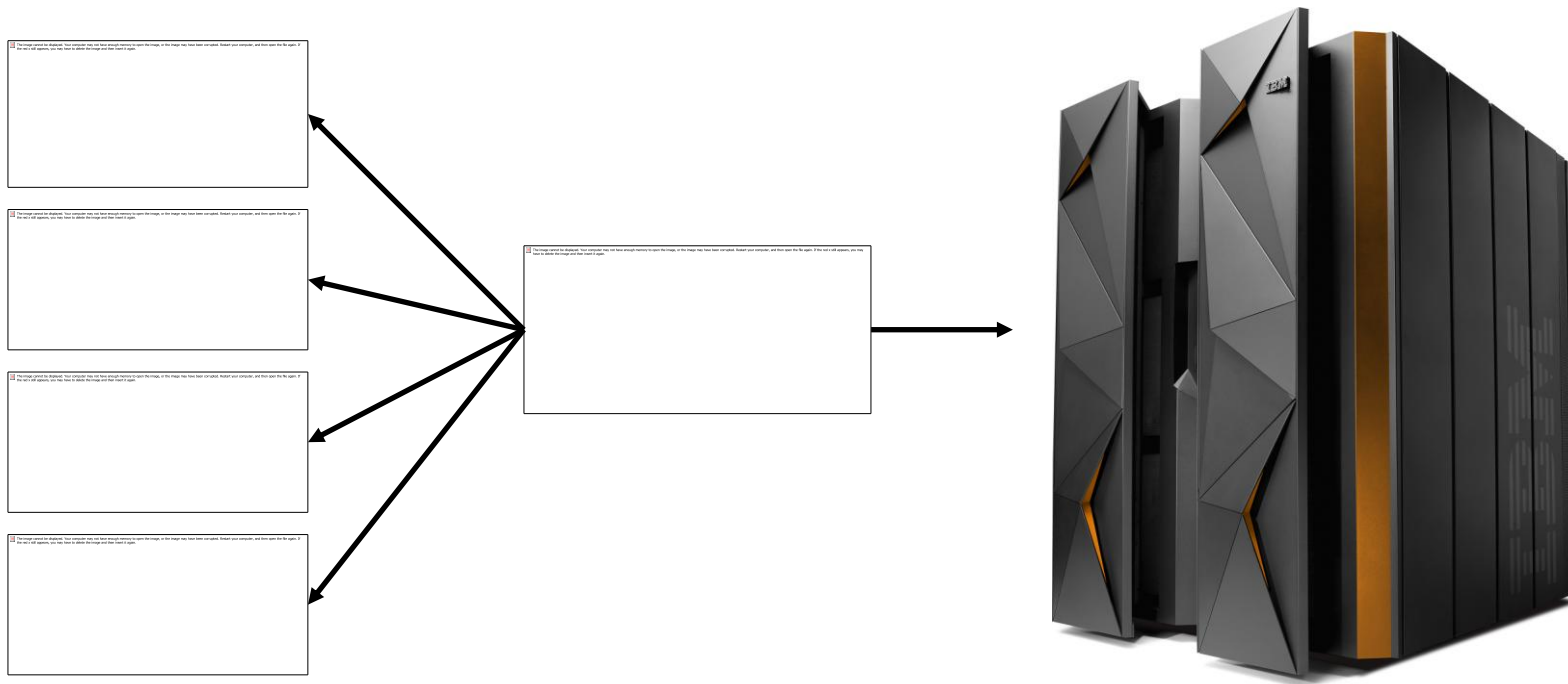
# Puppet for IBM z Systems & LinuxONE

**Easily deploy and manage Linux on z Systems and LinuxONE**

**Support for SLES 11, 12 and RHEL 6, 7 on s390 available later this year**

# Integrated Solution for Managing Infrastructure & Apps

A common language for managing heterogeneous environments



# Cloud Automation for Scale and Agility

## OS



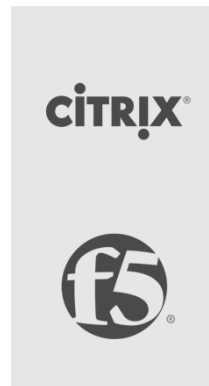
## Cloud and virtualization



## Networking



## Load balancing



## Continuous integration



## Containers



## Storage

# Learn More

<https://puppet.com/product/managed-technology/ibm>



Product

Solutions

Resources

Community

Partners

Company

## Manage your IBM infrastructure and applications

IBM and Puppet have partnered to bring cloud management best practices to IBM infrastructure and applications.

### IBM z Systems and LinuxOne

Many of the largest enterprise companies in the world rely on IBM z Systems and LinuxONE to run mission-critical applications. To help joint customers adopt cloud management best practices, IBM and Puppet have partnered on a Puppet agent to configure and manage Linux environments on IBM z Systems and LinuxONE. Puppet provides a common language for managing heterogeneous environments and the applications running on top of them. A fully supported agent with packages for SLES 11 and 12 and RHEL 6 and 7 will be available later this summer. Sign up to [get notified](#) when it's available.

