

# What's New in Puppet Enterprise 2016.2

**Configuration Management**  
Gain insights and visibility into your Puppet-managed infrastructure.

**Overview**  
View the last run status of your nodes and drill in to their configuration details. Reporting on 35 total nodes under Puppet management.

Filter by fact value

**33 nodes in enforcement**

- 1 with failed changes
- 2 with successful changes
- 30 with no changes

**1 nodes with no-op resources**

- 1 would have successful changes

Run status	Last report	Node name
		ezmsmtablg.us.west.vm.internal
	2016-05-24 09:55 Z	toagupjpy.us.west.vm.internal
	2016-05-24 09:55 Z	wmsvtdmfw.us.west.vm.internal
	2016-05-24 09:55 Z	rainboylcr.us.west.vm.internal

## Improve situational awareness and automate more

From AWS to z Linux, Puppet Enterprise 2016.2 helps you gain situational awareness and make rapid changes with confidence across more of your infrastructure. New discovery and filtering tools to help you segment your infrastructure, make rapid changes, and troubleshoot faster, while support for IBM WebSphere and z Linux make it possible to automate the delivery and operation of even more of your software.

**37 nodes in enforcement**

- 1 with failed changes
- 3 with successful changes
- 33 with no changes

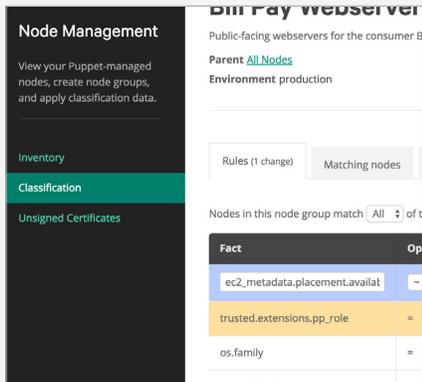
**1 nodes with no-op resources**

- 1 would have successful changes

Run status	Last report	Node name
	2016-06-25 15:51 Z	cd0alrhac.us.west.vm.internal
	2016-06-25 15:51 Z	h2axtvoemru.us.west.vm.internal
	2016-06-25 15:51 Z	jenkndake.us.west.vm.internal
	2016-06-25 15:51 Z	fortkewtdh.us.west.vm.internal
	2016-06-25 15:51 Z	popqthvgnr.us.west.vm.internal
	2016-06-25 15:51 Z	eeerqzefpe.us.west.vm.internal
	2016-06-25 15:51 Z	mxzbbabek.us.west.vm.internal
	2016-06-25 15:51 Z	feefhrndr.us.west.vm.internal
	2016-06-25 15:52 Z	urfonqepd.us.west.vm.internal
	2016-06-25 15:52 Z	vafqafowes.us.west.vm.internal
	2016-06-25 15:52 Z	flrcarjop.us.west.vm.internal
	2016-06-25 15:52 Z	xyhdmdetj.us.west.vm.internal

## Change success reporting

Easily view which changes were successful, which failed, and which failed but were able to revert to the last known, good state, all from within the Puppet Enterprise web UI. You can quickly discover any failed nodes that ran with a cached catalog so you can troubleshoot and remediate issues faster.



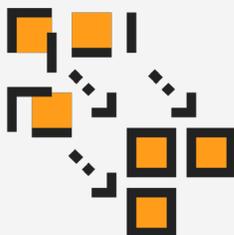
## Classify nodes based on structured & trusted facts

Streamline your self-service provisioning workflow from the Puppet Enterprise web UI by using more expressive structured and trusted facts in your rules as you group and classify your nodes. The Puppet Enterprise node classifier web UI now consumes richer metadata about your infrastructure so you can organize your infrastructure and drive change more quickly, efficiently and with better consistency.

```
websphere::instance { 'WebSphere85':  
  target => '/opt/IBM/WebSphere/AppServer',  
  package => 'com.ibm.websphere.NDTRIAL.v85',  
  version => '8.5.5000.20130514.1044',  
  profile_base => '/opt/IBM/WebSphere/AppServer/profiles',  
  repository => '/mnt/myorg/was/repository.config',  
}
```

## Deploy & manage IBM WebSphere

Automate the delivery and operation of your WebSphere deployments. A new module simplifies the management of WebSphere by providing a repeatable and consistent process for deploying WebSphere instances, including: DMGR systems and configuration, Application Servers and configuration, and IHS Servers (IBM HTTP Servers).



## Automate IBM z Systems and LinuxOne

Automate the provisioning and configuration of IBM z Systems and LinuxOne, and use a common language to manage all of your infrastructure.



## Use Puppet in Docker

Deploy and run Puppet on top of Docker to make it more portable and easier to maintain, test and scale. A new set of Docker images for Puppet are now available on Docker Hub.