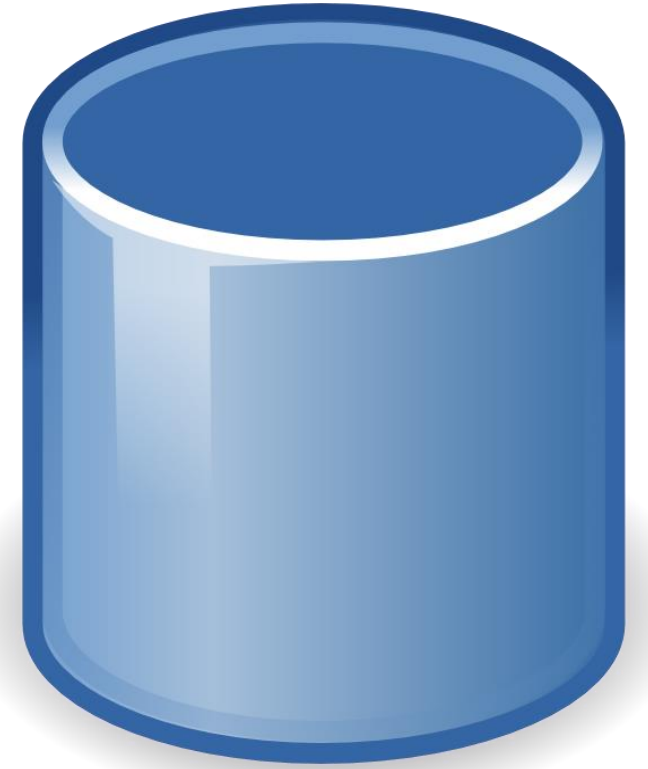
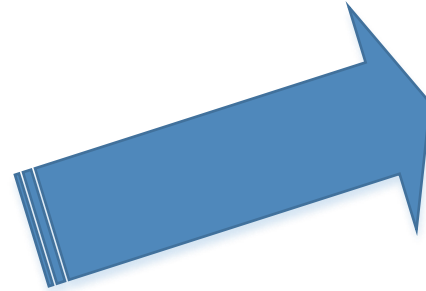
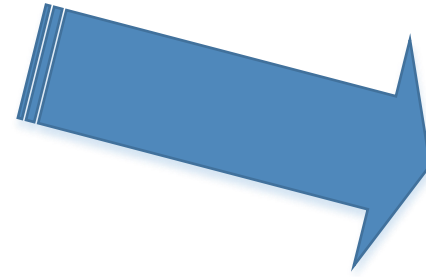
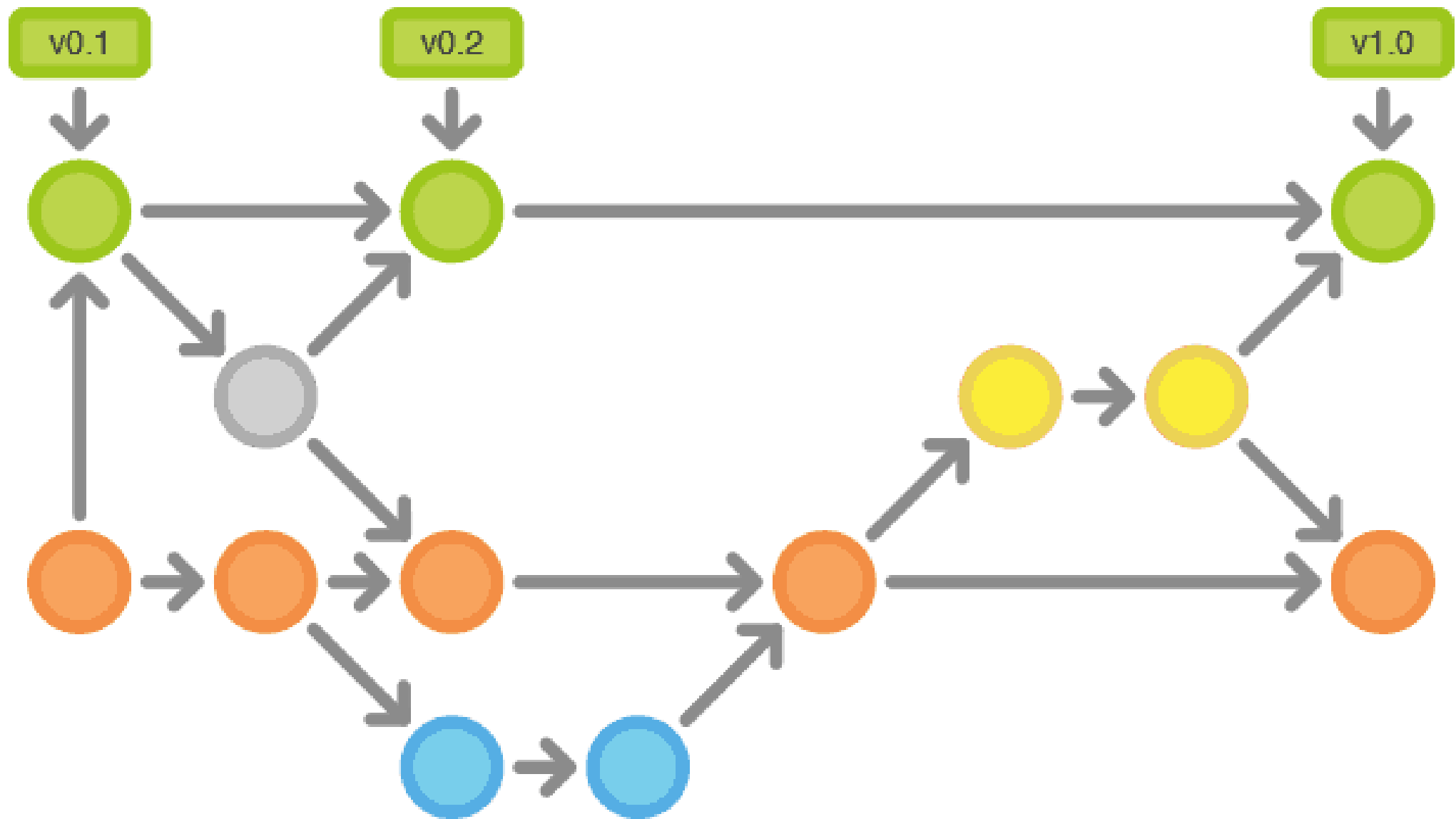


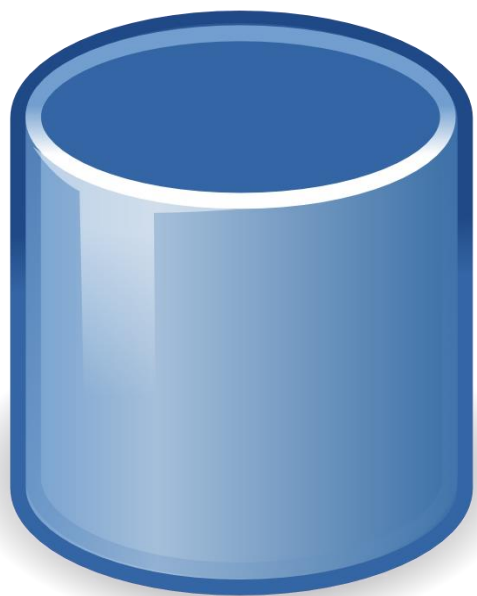
Infrastructure as Code

Desired State

Settings Management







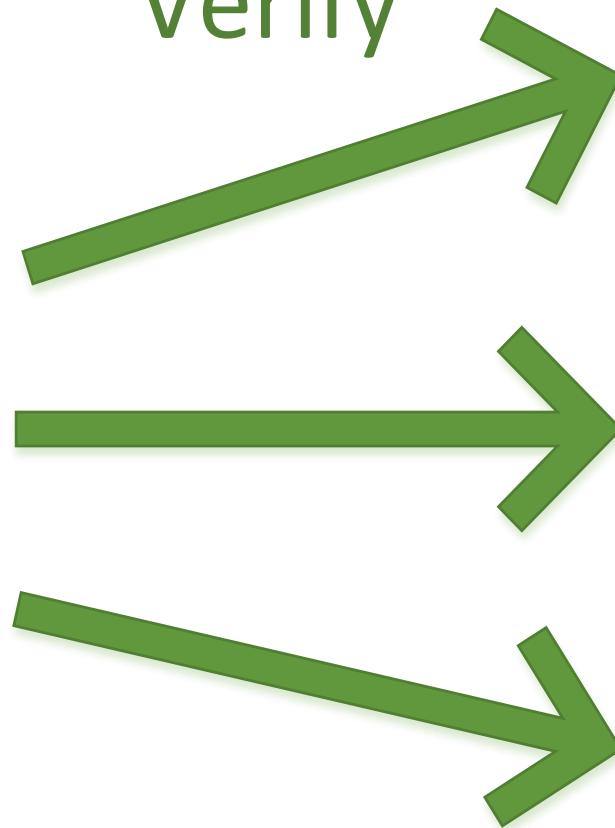
Source Control

Build &
Test



Artefact Repository

Deploy &
Verify







✓ Build 220

✓ Build


- ✓ Initialize Job
- ✓ Get sources
- ✓ Run script auto...
- ✓ Copy Files to: \$...
- ✓ Publish Artifact...
- ✓ Post Job Clean...

DSCP / Build 220 / Build ☐ Build not retained

 Edit build definition  Queue new build...  Download all logs as zip  Release

Build succeeded



Build 

Ran for 5.2 minutes (WS001), completed 1 seconds ago

Console Logs Timeline Tests

```
containerbuild = automation/processor/containerbuild.ps1 $SOLUTION $BUILDNUMBER $PREVISION $ACTION
Combine productVersion with buildnumber for semantic versioning
$semantic = "$productVersion" + '.' + "$BUILDNUMBER"
```

```
Compile from source
```

```
. .\source.ps1
```

```
$output = AppDscConfiguration -version $semantic
```

```
Get content $output
```

```
/*
```

```
@TargetNode='localhost'
```

```
@GeneratedBy=ContainerAdministrator
```

```
@GenerationDate=10/13/2018 10:43:35
```

```
@GenerationHost=9BF28E4FB30C
```

```
*/
```

```
instance of MSFT_FileDirectoryConfiguration as $MSFT_FileDirectoryConfiguration1ref
```

```
{
```

```
ResourceID = "[File]CreateTestFile";
```

```
Type = "File";
```

```
Ensure = "Present";
```

```
Contents = "Push configuration, applied via PowerShell on localhost. Version is 0.1.4.220";
```

```
DestinationPath = "C:\\Windows\\TEMP\\pushPS.txt";
```

```
ModuleName = "PSDesiredStateConfiguration";
```

dscp



History

View



A pre-deployment approval is pending for 'PROD' environment. [Approve or Reject](#)

Step	Action	Agent queue: HDC Agent: TFS15	Start Time: 10/13/2018 10:45
<div> <div>CD</div> <div> <div>Pre-deployment approval</div> <div>Run on agent</div> <div>Download artifacts</div> <div>Run script \$(System.DefaultWorkingD...</div> <div>Post-deployment approval</div> </div> </div>	<div> <div>...</div> <div> <div>👤</div> <div>📅</div> <div>📅</div> <div>📅</div> <div>👤</div> </div> </div>	<div> <div>148 2018-10-12T21:45:28.4534174Z Start-DscConfiguration -Path PowerShellWrapper/AppDscConfiguration</div> <div>149 2018-10-12T21:45:30.8130503Z VERBOSE: Perform operation 'Invoke CimMethod' with following param</div> <div>150 2018-10-12T21:45:30.8130503Z ''methodName' = SendConfigurationApply,'className' =</div> <div>151 2018-10-12T21:45:30.8130503Z MSFT_DSCLocalConfigurationManager,'namespaceName' =</div> <div>152 2018-10-12T21:45:30.8130503Z root/Microsoft/Windows/DesiredStateConfiguration'.</div> <div>153 2018-10-12T21:45:30.8130503Z VERBOSE: An LCM method call arrived from computer WA6 with user si</div> <div>154 2018-10-12T21:45:30.8130503Z S-1-5-21-1392852010-142474092-3308924397-4670.</div> <div>155 2018-10-12T21:45:30.8130503Z VERBOSE: [WA6]: LCM: [Start Set]</div> <div>156 2018-10-12T21:45:31.9010052Z VERBOSE: [WA6]: LCM: [Start Resource] [[File]CreateTestFile]</div> <div>157 2018-10-12T21:45:31.9010052Z VERBOSE: [WA6]: LCM: [Start Test] [[File]CreateTestFile]</div> <div>158 2018-10-12T21:45:31.9010052Z VERBOSE: [WA6]: LCM: [End Test] [[File]CreateTestFile]</div> <div>159 2018-10-12T21:45:31.9010052Z seconds.</div> <div>160 2018-10-12T21:45:31.9010052Z VERBOSE: [WA6]: LCM: [Start Set] [[File]CreateTestFile]</div> <div>161 2018-10-12T21:45:31.9010052Z VERBOSE: [WA6]: LCM: [End Set] [[File]CreateTestFile]</div> <div>162 2018-10-12T21:45:31.9010052Z seconds.</div> <div>163 2018-10-12T21:45:31.9010052Z VERBOSE: [WA6]: LCM: [End Resource] [[File]CreateTestFile]</div> <div>164 2018-10-12T21:45:31.9010052Z VERBOSE: [WA6]: LCM: [End Set]</div> <div>165 2018-10-12T21:45:31.9010052Z VERBOSE: [WA6]: LCM: [End Set] in 1.0560 seconds.</div> <div>166 2018-10-12T21:45:31.9010052Z VERBOSE: Operation 'Invoke CimMethod' complete.</div> <div>167 2018-10-12T21:45:31.9010052Z VERBOSE: Time taken for configuration job to complete is 1.449 sec</div> </div>	
<div> <div>TEST</div> <div> <div>Pre-deployment approval</div> <div>Run on agent</div> <div>Download artifacts</div> <div>Run script \$(System.DefaultWorkingD...</div> </div> </div>	<div> <div>...</div> <div> <div>👤</div> <div>📅</div> <div>📅</div> <div>📅</div> </div> </div>		

Search release definitions...

Release Definitions








































All release definitions

dscp

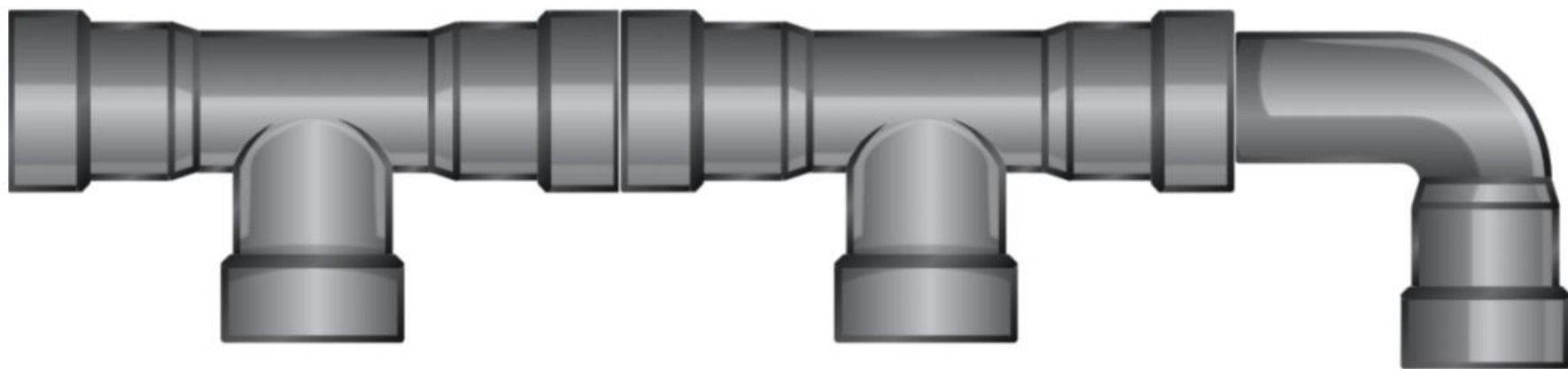
All release definitions

Overview Releases Deleted



		Title	Release Definition	Environments
		dscp-220-release-1	dscp	  
		dscp-219-release-1	dscp	  
		dscp-218-release-1	dscp	  
		dscp-217-release-1	dscp	  
		dscp-216-release-1	dscp	  
		dscp-215-release-1	dscp	  
		dscp-214-release-1	dscp	  
		dscp-213-release-1	dscp	  
		dscp-212-release-1	dscp	  
		dscp-211-release-1	dscp	  
		dscp-210-release-1	dscp	  
		dscp-209-release-1	dscp	  

Orchestrate the Orchestrator





nomad



Project



Repository



Issues

0



Merge Requests

0



CI / CD

Pipelines

Jobs

Schedules

Charts



Operations



quickstart >




nomad >

Jobs >

#141703



passed


Job #141703 triggered 4 minutes ago by  Jules Clements

```
[build.sh] Convert from table to name/value pairs that can be selected and sourced
mkdir port-allocation
  ./port-allocation/host.details
  ./port-allocation/event.details
  ./port-allocation/event.maintenance

[build.sh] -----
[build.sh]                               Structure Apply
[build.sh] -----
mkdir templates

[build.sh] For each container (./containers.cm), apply properties and generate Nomad template
host generic.erb
erb -r './host' -T - generic.erb > ./templates/host.nomad

event generic.erb
erb -r './event' -T - generic.erb > ./templates/event.nomad
```

 nomad

- Project
- Repository
- Issues 0
- Merge Requests 0
- CI / CD**
 - Pipelines
 - Jobs**
 - Schedules
 - Charts
- Operations
- Registry
- Wiki
- Snippets
- Settings

quickstart > nomad > Jobs > #141704

passed **Job #141704** triggered 1 minute ago by  Jules Clements

✓ This job is the most recent deployment to [LAB](#).

```
resources {
  network {
    port "details" {
      static = 10002
    }
    port "maintenance" {
      static = 10003
    }
  }
}
```

```
nomad run ./templates/event.nomad
==> Monitoring evaluation "8bd8780c"
      Evaluation triggered by job "event-microservice"
      Allocation "604b460c" created: node "74460d36", group "event-group"
      Evaluation status changed: "pending" -> "complete"
==> Evaluation "8bd8780c" finished with status "complete"

nomad status
ID              Type    Priority  Status  Submit Date
event-microservice  service  50       running 2018-10-15T11:35:15+13:00

~~~~~ Shutdown Execution Engine ~~~~~
Job succeeded
```



GitLab

Projects ▾

Groups ▾

Activity

Milestones

Snippets



nomad



Project



Repository



Issues

0



Merge Requests

0



CI / CD



Operations

Metrics

Environments



quickstart >



nomad >

Pipelines >

Environments

Available 2

Stopped 3

Environment

Deployment

Job

Commit

LAB

#41 by

lab #141704

16290688



Deployment of redis and elast...

PROD

#36 by

prod #133851

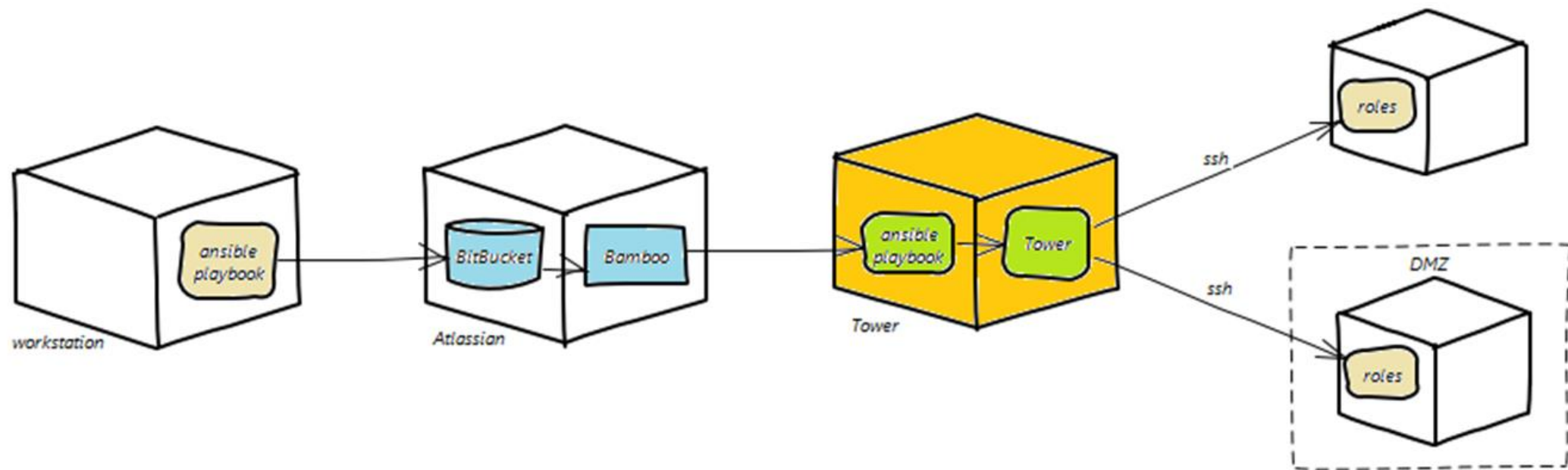
787f3d1f



Change CD to LAB

Multi-Tenant

Shared Environments



[Deployment projects](#) / [DLAN](#) / [Environment: TEST](#)

Deployment: Release-149_Build-185 on TEST

Ansible Assured State

Success: Deployment of Release-149_Build-185 to TEST

```
13-Oct-2018 11:42:16 TASK [motd : Use Message of the Day to allow quick check of playbook version applied to host] ***
13-Oct-2018 11:42:16 task path: /var/tower/TEST/roles/motd/tasks/main.yml:3
13-Oct-2018 11:42:18 ok: [wa9] => {"changed": false, "checksum": "4982dea3b8040b56bab9789d44903265df1b95c3", "dest": "/etc/motd", "gid": 0, "group": "root",
"mode": "0644", "owner": "root", "path": "/etc/motd", "secontext": "system_u:object_r:etc_t:s0", "size": 523, "state": "file", "uid":
13-Oct-2018 11:42:18 META: ran handlers
13-Oct-2018 11:42:18 META: ran handlers
13-Oct-2018 11:42:18 PLAY [Install Apache tomcat 8] *****
13-Oct-2018 11:42:18 TASK [Gathering Facts] *****
13-Oct-2018 11:42:18 task path: /var/tower/TEST/playbooks/appservers.yml:11
13-Oct-2018 11:42:19 ok: [wa9.hdc.webhop.net]
13-Oct-2018 11:42:19 META: ran handlers
13-Oct-2018 11:42:19 TASK [zaxos.tomcat-ansible-role : Install Java] *****
13-Oct-2018 11:42:19 task path: /var/tower/TEST/galaxy/zaxos.tomcat-ansible-role/tasks/install.yml:4
13-Oct-2018 11:42:21 ok: [wa9.hdc.webhop.net] => (item={u'package': u'java-1.8.0-openjdk'}) => {"changed": false, "item": {"package": "java-1.8.0-openjdk"},
"results": ["1:java-1.8.0-openjdk-1.8.0.121-0.b13.el7_3.x86_64 providing java-1.8.0-openjdk is already installed"]}
13-Oct-2018 11:42:21 TASK [zaxos.tomcat-ansible-role : Check if tomcat is already installed] *****
13-Oct-2018 11:42:21 task path: /var/tower/TEST/galaxy/zaxos.tomcat-ansible-role/tasks/install.yml:11
13-Oct-2018 11:42:22 ok: [wa9.hdc.webhop.net] => {"changed": false, "stat": {"atime": 1539383164.0508747, "attr_flags": "", "attributes": [], "block_size":
"charset": "binary", "ctime": 1539383163.3548746, "dev": 64768, "device_type": 0, "executable": true, "exists": true, "gid": 1003, "gr
"inode": 68105767, "isblk": false, "ischr": false, "isdir": true, "isfifo": false, "isgid": true, "islnk": false, "isreg": false, "iss
false, "mimetype": "inode/directory", "mode": "2775", "mtime": 1511061829.3068764, "nlink": 9, "path": "/opt/apache-tomcat-8.5.20", "p
"readable": true, "rgrp": true, "roth": true, "rusr": true, "size": 4096, "uid": 1003, "version": "18446744071641747482", "wgrp": true
"writeable": true, "wusr": true, "xgrp": true, "xoth": true, "xusr": true}}
```




All Deployment Projects

Deployment project	Environment	Release	Result
dl-web-service	CD	Release-183_Build-203	 Logs
	TEST	Release-183_Build-203	 Logs
	PROD	Release-183_Build-203	 Logs
DLAN	CD	Release-149_Build-185	 Logs
	TEST	Release-149_Build-185	 Logs
	PROD	Release-148_Build-184	 Logs

DASHBOARD

4
HOSTS

0
FAILED HOSTS

2
PROJECTS

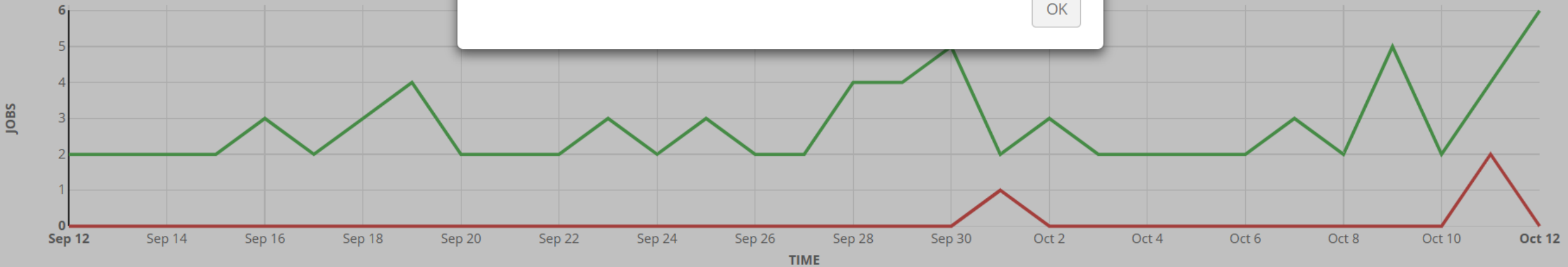
0
PROJECT SYNC FAILURES

ERROR! ✕

You do not have permission to perform this action.

OK

JOB STATUS



RECENTLY USED TEMPLATES

[VIEW ALL](#)

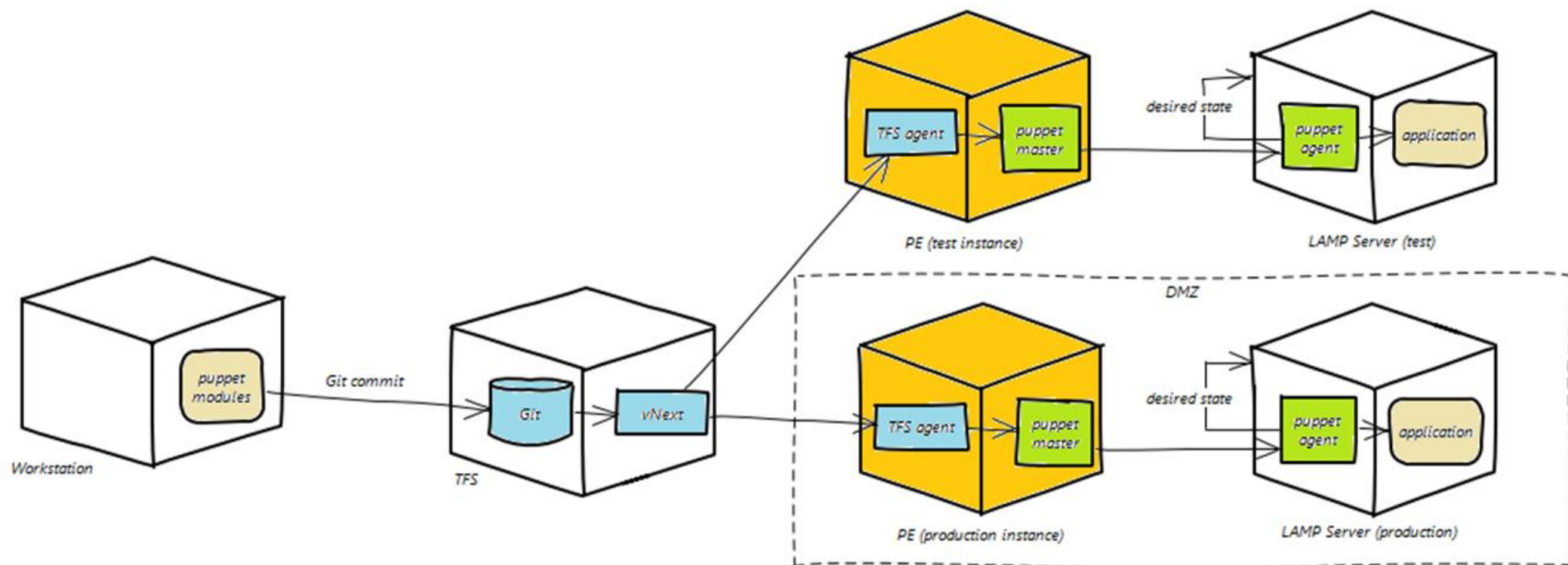
NAME	ACTIVITY	ACTIONS
TEST	●●●●●●●●●●	🚀 ✎
PROD	●●●●●●●●●●	🚀 ✎

RECENT JOB RUNS

[VIEW ALL](#)

NAME	TIME
● TEST	10/13/2018 11:42:53 AM
● TEST	10/13/2018 11:26:12 AM
● TEST	10/13/2018 12:00:59 AM

Multi-Instance Production-Like



PE

▼

Dashboards

Code

Work

Build & Release

Test

⚙️

Search work items

Builds

Releases

Packages

Library

Task Groups

Puppet-Enterprise / Puppet-Enterprise-39

Summary

Environments

Artifacts

Variables

General

Commits

Work items

Tests

Logs

History

↺

+

📄

⬆️ Deploy ▼

💾 Save

Abandon

⬇️ Download all logs as zip

✉️ Send Email

Step

Action

Agent queue: HDC | Agent: pe

Start Time: 10/1/2018 3:50:56 AM

▼ 📄 test

🟢 Pre-deployment approval

▼ 🟢 Run on agent

🟢 Initialize Job

🟢 Download Artifacts

🟢 Run bash

🟢 Shell Script \$(System.DefaultWorkingDirectory\scripts\run_puppet_job.ps1)

🟢 Post-deployment approval

> Previous Attempts (2)

▼ 📄 production

🟢 Pre-deployment approval

147 2018-10-01T03:50:56.4360467Z sudo /opt/puppetlabs/bin/puppet-job run --description "TF

148 2018-10-01T03:50:56.4768786Z Starting deployment ...

149 2018-10-01T03:51:02.2127681Z

150 2018-10-01T03:51:02.2165910Z +-----+-----+

151 2018-10-01T03:51:02.2188775Z | Job ID | 14 |

152 2018-10-01T03:51:02.2212098Z | Target | nodes |

153 2018-10-01T03:51:02.2239941Z | Concurrency Limit | None |

154 2018-10-01T03:51:02.2262648Z | Nodes | 1 |

155 2018-10-01T03:51:02.2285993Z +-----+-----+

156 2018-10-01T03:51:02.2297501Z

157 2018-10-01T03:51:02.2321190Z Application instances: 0

158 2018-10-01T03:51:02.2332637Z

159 2018-10-01T03:51:02.2356132Z Node run order (nodes in level 0 run before their depend

160 2018-10-01T03:51:02.2380313Z 0 -----

161 2018-10-01T03:51:02.2405677Z +[0;32mub6.hdc.webhop.net+[/0m

162 2018-10-01T03:51:02.2422405Z

163 2018-10-01T03:51:02.2446443Z New job created: 14

164 2018-10-01T03:51:03.4353485Z +[0;32mStarted puppet run on ub6 ...+[/0m

165 2018-10-01T03:51:19.3467003Z +[0;32mFinished puppet run on ub6 - Success!+[/0m

166 2018-10-01T03:51:19.3493183Z Resource events:+[0;31m 0 failed+[/0m+[/0;36m 0 changed+[/0m



INSPECT

[Overview](#)[Nodes](#)[Packages](#)[Reports](#)[Jobs](#)[Events](#)

CONFIGURE

[Classification](#)

RUN

[Puppet](#)[Task](#)

Classification

Create, edit, and remove node groups here.

► [Add group...](#)

[-] [All Nodes](#) production

[+] [PE Infrastructure](#) production

[-] [Production environment](#) production Env group

[Agent-specified environment](#) agent-specified Env group

