

Puppet Cheatsheet

Connection

ssh <user>@<puppet-server>
Connect to Puppet server via SSH

puppet agent --test
Manually trigger a Puppet agent run (test mode)

Puppet Agent Commands

puppet agent --test
Run Puppet agent in test mode (verbose output, no daemonize)

puppet agent -t
Short form of --test

puppet agent --noop
Simulate changes without actually applying them

puppet status
Show the status of the Puppet agent service

puppet config print
Print all configuration settings

puppet agent --disable "reason"
Disable Puppet agent runs with a reason

puppet agent --enable
Enable Puppet agent runs

puppet resource service puppet
Check status of Puppet service

Certificate Management

puppet cert list
List all certificate requests

puppet cert sign <hostname>
Sign a certificate request

puppet cert clean <hostname>
Remove a certificate

puppet cert list --all
List all certificates (signed and unsigned)

Module Management

puppet module list
List installed modules

puppet module install <author-module>
Install a module

puppet module upgrade <author-module>
Upgrade a module

puppet module uninstall <author-module>
Uninstall a module

Debugging & Testing

puppet parser validate <file.pp>
Validate Puppet manifest syntax

puppet apply --noop <file.pp>
Test a manifest without applying changes

puppet lookup <key> --node <node>
Look up data for a specific node

puppet describe <resource-type>
Show documentation for a resource type

puppet resource <type> <name>
Show current state of a resource

Server Management

puppetserver ca list
List certificate requests (newer versions)

puppetserver ca sign --certname <hostname>
Sign certificate (newer versions)

puppetserver gem list
List gems installed in the Puppet server

puppetserver reload
Reload Puppet server

Log and Report Viewing

tail -f /var/log/puppetlabs/puppetserver/puppetserver.log
View Puppet server logs

tail -f /var/log/puppetlabs/puppet/puppet.log
View Puppet agent logs

puppet report show <node>
Show the last report for a node