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Puppet Interview Questions

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If you're looking for Puppet Interview Questions for Experienced & Freshers, you are at right place. There are lot of opportunities from many reputed companies in the world. According to research Puppet is has a market share of about 3.0%. So, You still have opportunity to move ahead in your career in Puppet. Mindmajix offers advanced Puppet Interview Questions 2018 that helps you in cracking your interview & acquire dream career as Puppet Developer.

Puppet Interview Questions And Answers

Puppet Vs Ansible

Feature	Puppet	Ansible
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Server Nodes	PuppetMaster Servers	Any machine with inventory can serve
Workflow	PULLs resources from PuppetMaster	PUSH workflow to work with resources
Resource management	Top-down or Resources applied randomly	Top-to-Bottom approach
Language Exensibility	Built and tested with Ruby	Built on Python
Syntax	Ruby's subset of DSL is used	YAML Files
Template Language	Based on RUBY's ERB	Based on Jinja2
DevOps tool Support	Puppet supports DevOps Tools	Ansible supports DevOps Tools

Q1) What is Puppet?

Puppet is a configuration Tool which is use to automate administration tasks. Puppet Agent(Client) sends request to Puppet Master (Server) and Puppet Master Push Configuration on Agent.

Q2) What is Manifests?

Manifests, in Puppet, are the files in which the client configuration is specified.

Q3) What is Module and How it is different from Manifest?

Whatever the manifests we defined in modules, can call or include into other manifests. Which makes easier management of Manifests. It helps you to push specific manifests on specific Node or Agent.

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Q4) Command to check requests of Certificates?

puppetca -list (2.6)

puppet ca list (3.0)

Q5) Command to sign Requested Certificates

puppetca -sign hostname-of-agent (2.6)

puppet ca sign hostname-of-agent (3.0)

Q6) Where Puppet Master Stores Certificates

/var/lib/puppet/ssl/ca/signed

Q7) What is Factor?

Sometime you need to write manifests on conditional expression based on agent specific data which is available through Factor. Factor provides information like Kernel version, Dist release, IP Address, CPU info and etc. You can define your factor also.

Q8) What is the use of etckeeper-commit-post and etckeeper-commit-pre on PUPPET AGENT ?

etckeeper-commit-post: In this configuration file you can define command and scripts which executes after pushing configuration on Agent

Etckeeper-commit-pre: In this configuration file you can define command and scripts which executes before pushing configuration on Agent

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Q9) What is Puppet Kick?

By default Puppet Agent request to Puppet Master after a periodic time which known as "runinterval". Puppet Kick is a utility which allows you to trigger Puppet Agent from Puppet Master.

Q10) What is MCollective?

MCollective is a powerful orchestration framework. Run actions on thousands of servers simultaneously, using existing plugins or writing your own.

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Q11) Describe the most significant gain you made from automating a process through Puppet?

"I automated the configuration and deployment of Linux and Windows machines using Puppet (<https://mindmajix.com/puppet/introduction>). In addition to shortening the processing time from one week to 10 minutes, I used the roles and profiles paradigm and documented the purpose of each module in README to ensure that others could update the module using Git. The modules I wrote are still being used, but they've been improved by my teammates and members of the community."

Q12) Tell me about a time when you used collaboration and Puppet to help resolve a conflict within a team?

The development team wanted root access on test machines managed by Puppet (<https://mindmajix.com/puppet/brief-overview-of-puppet-environments>) in order to make specific configuration changes. We responded by meeting with them weekly to agree on a process for developers to communicate configuration changes and to empower them to make many of the changes they needed. Through our joint efforts, we came up with a way for the developers to change specific configuration values themselves via data abstracted through Hiera. In fact, we even taught one of the developers how to write Puppet code in collaboration with us."

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Q13) Which open source or community tools do you use to make Puppet more powerful?

Changes and requests are ticketed through Jira and we manage requests through an internal process. Then, we use Git and Puppet's Code Manager app to manage Puppet code in accordance with best practices. Additionally, we run all of our Puppet changes through our continuous integration pipeline in Jenkins (<https://mindmajix.com/jenkins-training>) using the beaker testing framework."

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Versuvios St — Thank you very much I hope I could find something like that on official docs. God bless you :)

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Josna Peters — Thanks Caroline...Stay TunedMindmajix.com

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Bhim Singh — I am glad to read your blog and totally agree with the testing concept. Angular is that framework which builds highly testable

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Vishalvicky — Awesome post..... your article is really informative and helpful for me and other bloggers too.

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