Puppet Practitioner
Instructor-led training

Are you ready to take the next step into configuration management with Puppet? Puppet Practitioner is a three-day, hands-on course recommended for senior systems administrators and DevOps professionals. This course focuses on real-world use cases and teaches how to design, build, and extend modules from the Forge, and develop best practices for implementing roles and profiles.

Course overview
This course gives you the tools and practice to master the Puppet language and common design patterns, providing you with problem solving techniques and a better understanding of Puppet best practices.

What you will learn
• A mastery of fundamental Puppet language constructs.
• Usage of advanced language constructs.
• How to build well architected modules appropriate for sharing with the community.
• How to identify and compare common design patterns.
• Troubleshooting and problem solving using data provided by Puppet.
• Implementing Puppet Best Practices, and know how to deviate when necessary.

Who should attend
This course is intended for senior-level systems administrators and DevOps professionals with a solid understanding of configuration management strategies.

Prerequisites
You must have taken Puppet Fundamentals or Getting Started with Puppet and have 6+ months of experience using Puppet.
Course Agenda

Day 1
- Puppet basics review
- Using Puppet data for visibility while updating code
- Data structures in the Puppet DSL
- New language constructs introduced in Puppet 4
- Methods for specifying resource relationships and ordering
- Writing custom facts & functions

Day 2
- Alternate ways of managing files, or parts of files
- Best practices pertaining to class inheritance
- Data separation and single source of truth
- Architecting modules and abstraction layers
- Roles & Profiles

Day 3
- Introduction to testing Puppet code
- Sharing modules with the community
- Orchestration with Puppet Tasks
- Capstone Lab

Pricing

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<th>Pricing</th>
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<tr>
<td>Public on-site or virtual</td>
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<tr>
<td>Private on-site or virtual (up to 15 students)</td>
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Review the technical requirements for our courses: https://learn.puppet.com/tech-requirements

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