Puppet Enterprise with Continuous Delivery Jumpstarts

Business challenge

As with any enterprise technology, it takes time to implement and deploy Puppet Enterprise with Continuous Delivery and integrate it into your organization's infrastructure. It's a worthwhile investment — laying a good foundation leads to better performance in the long run — but it can be a strain on internal resources.

With a Puppet Enterprise with Continuous Delivery Jumpstart, a Puppet expert will provide best practices consulting, expert advice, and paired programming to get your team up and running quickly. A Jumpstart also sets you up for future success, ensuring that your installation can be easily upgraded to take advantage of capabilities in new releases.

What you can expect

We offer three Puppet Enterprise with Continuous Delivery Jumpstart packages, ranging from two to six weeks, to fit your organization's needs. In each Jumpstart, two weeks are dedicated to setting up the core workflow, deploying Puppet Agents to as many nodes as possible, installing and configuring Continuous Delivery for Puppet Enterprise, deploying Puppet code, reviewing best practices for puppet code abstraction and hiera usage, and choosing modules from the Puppet Forge.

Standard and Extended Jumpstarts provide additional time to bring more resources under Puppet Enterprise Management. These packages also offer opportunities for workflow customization and other advanced topics.

Customer benefits

- Get up and running with Puppet Enterprise quickly
- Set up base configurations and choose Forge modules to automate key processes
- Learn best practices to enable ongoing success with Puppet Enterprise

Expected outcomes

- A working implementation of Puppet Enterprise designed to meet your configuration management automation goals
- Customer team is well prepared to continue its configuration management automation effort

Learn more at **puppet.com**

Basic Jumpstart

This two-week engagement focuses on installing Puppet Enterprise with Continuous Delivery, setting up a simplified version control workflow, building a basic code deployment pipeline, and reviewing best practices. It is suited for smaller installations (up to 500 nodes), smaller teams (3 people or fewer), or teams with 6+ months of operational experience implementing Puppet and Git. The Basic Jumpstart helps set a good foundation so your team is equipped to fully implement configuration management and code deployment workflows with Puppet Enterprise post-engagement.

Standard Jumpstart

This four-week engagement provides the option to install a Puppet Enterprise infrastructure capable of handling a larger workload (up to 1,500 nodes). It includes the standard workflow and best practices, as well as an additional two weeks to focus on deploying Puppet configuration management, implementing multiple Continuous Delivery pipelines to suit your infrastructure, and mentoring your team as it transitions to a more advanced DevOps model. We recommend this as a minimum for all customers starting with Puppet Enterprise with Continuous Delivery.

Extended Jumpstart

This six-week engagement is designed for medium to large customers (1,000+ nodes) who require a large-scale infrastructure. The core workflow and best practices are included in the first two weeks, and the additional time allows for greater depth. The subsequent four weeks allow for more focus on workflow customization or other advanced topics not covered in the other offerings. We recommend this for customers with large or complex environments.

Assumptions

- All services will be delivered remotely unless otherwise agreed prior to the engagement.
- Customer practitioner will be available to work with Puppet for the duration of the engagement.
- All required infrastructure and network requirements will be in place prior to the engagement.
- The engagement will be delivered in consecutive 8-hour days/40-hour weeks.
- The Puppet Engineer does not require direct access to customer systems or network.

	Basic	Standard	Extended
Duration of engagement (hours)	80	160	240
Suitable for teams of up to	3	6	12
Installation architecture max nodes	500	1,500	8,000
Approximate hours available for deployment work	4	32	96
Server roles defined	1	3	5
Scripts (<100 lines) converted or replaced	1	2	5
Puppet Enterprise master and agent installation, review of maintenance, backup, and restore	✔	✔	✔
Installation and configuration of Continuous Delivery for Puppet Enterprise with basic control repository pipeline and standard jobs	✔	✔	✔
Module repository pipeline and standard job configuration		✔	✔
Multiple team workspaces and repository pipelines			✔
Custom job scripts and pipeline configuration			✔
Puppet code abstraction (roles and profiles)	✔	✔	✔
Hierarchy design considerations workshop (Hiera)	✔	✔	✔
Recap meeting and final documentation	✔	✔	✔
Assess and select Forge modules	Max **5**	✔	✔
Standard version control workflow setup		✔	✔
Create simple module to practice workflow		✔	✔
Assist in deploying Puppet code to production		✔	✔
Review Puppet Enterprise metrics and monitoring			✔
Integration with provisioning			✔
Workflow customization			✔
In-depth hierarchy design			✔
Advanced concept review, if time allows (application orchestration, Razor, multi-tenant needs, etc.)			✔

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