

Puppet Enterprise Jumpstarts

Business challenge

As with any enterprise technology, it takes time to implement, deploy, and configure Puppet Enterprise to meet your team's needs. 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 Jumpstart, a Puppet expert will help you get up and running as quickly as possible, set up core workflows, and provide guidance and best practices to enable ongoing success.

What you can expect

We offer three Jumpstart packages, ranging from one to four weeks, to fit your organization's needs. In each Jumpstart, the first week is dedicated to setting up the core workflow, deploying Puppet agents to as many nodes as possible, 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 quickly with Puppet Enterprise
- 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



Basic Jumpstart

This one-week engagement focuses on installing Puppet Enterprise, setting up a simplified version control workflow, 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 lay a good foundation so your team is equipped to fully implement configuration management with Puppet Enterprise.

Standard Jumpstart

This two-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 week to focus on deploying Puppet configuration management to suit your infrastructure. We recommend this as a minimum for all customers getting started with Puppet Enterprise.

Extended Jumpstart

This four-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 week one, and the additional time allows for greater depth. The subsequent three 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.

Jumpstart package comparison

	Basic	Standard	Extended
Duration of engagement (hours)	40	80	160
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	√	√	√
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		√	√
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 (app orchestration, Razor, multi-tenant needs, etc.)			√