Automate your infrastructure to accelerate time-to-value

HPE IT Automation Service

Advice, best practices, support, and coaching to accelerate your business

With digital business, your apps fuel the idea economy. With a much faster and more reliable way to deliver applications and **IT services**, you can move quickly, seize business opportunities, delight your users, and actually enrich the experience you deliver. IT should be a strategic asset that delivers innovation, where IT transforms business ideas to customer value through software development and delivery. Fast, agile, reliable IT is the key to market success and profitability.

One of the biggest challenges in IT operations are both the complexity of our work as well as the large number of manual, reactive tasks our IT teams continue to perform. With applications changing at a rapid rate, and IT operations handling a continually growing number of new requests, complexity can slow you down.

On the one hand, public cloud offerings are now setting expectations for on-premises IT:

• Move from capital expense to variable expense

• Stop guessing at the capacity you have

• Build a developer-centric architecture

• Remove manual processes in your data center via automation

On the other hand, you know how to deliver a reliable experience to your users from your data center:

• You operate traditional and cloud-native workloads

• Manage data sovereignty and compliance to meet your organizations requirements

• Deliver an experience with low latency and high availability

Your business demands that you realize all of these benefits, whether you operate workloads in your data center or in the public cloud.

Automation is one way to deal with the rate of change and the underlying complexity. This accelerates problem resolution, makes delivery more reliable, and helps to deliver faster release cycles, which in turn enhance customer experience and allow time for innovation.

Today's reality is that companies who cannot do this will be left behind. Markets and competitors will move faster and take share. Customers will go elsewhere for a better experience—which can be a competitive threat to any business or organization, and the threats will happen quickly and without notice.

HPE IT Automation Service

HPE IT Automation Service from Hewlett Packard Enterprise, built on HPE's leadership in the Data Center Transformation. With HPE IT Automation service, HPE experts from Center of Expertise (CoE) provide advice, best practices, and coaching to help you enable infrastructure as code and curate tools.

Implementing automation delivers these benefits, as you move to infrastructure automation, optimize your workloads, enhance infrastructure monitoring and compliance, and move to continuous integration/continuous delivery.

Advice, best practices, and coaching by HPE engineering experts
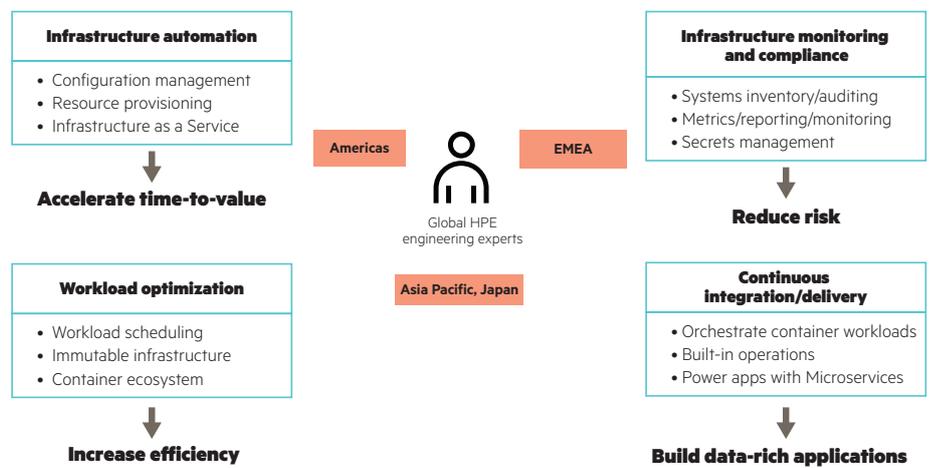

Figure 1. IT Automation opportunity zones

We can help you get there with:

- Review of infrastructure and workload automation requirements to guide the best possible automation solution(s) leveraging open source tools

- Advice, best practices, support, and coaching on process, collaboration, and customer-acquired tools

- Remote access to engineering experts from HPE Pointnext CoE

To curate the right tools for you we draw on our ecosystem of relationships and expertise for:

- Technical enablement and knowledge transfer on customer-acquired tools such as HPE OneView, Chef, Ansible, Docker, and a whole host of other open source-based tools

- Advice on tools use, IT automation lifecycle, audit, compliance, and security

- Best practices and sample code specifically related to projects identified by customer IT teams

- Optimization review and assessment reports

HPE IT Advisory and Transformation Services can help your IT operations teams automate so you can deliver changes at high velocity, and we help your developer community use the tools that make them most productive. And most importantly, we bring both together.

HPE Center of Expertise
HPE Center of Excellence (CoE) are flexible enough to meet the needs of your team, with the expertise in the tools that you need to use and you get the right level of support and guidance across your IT environment.
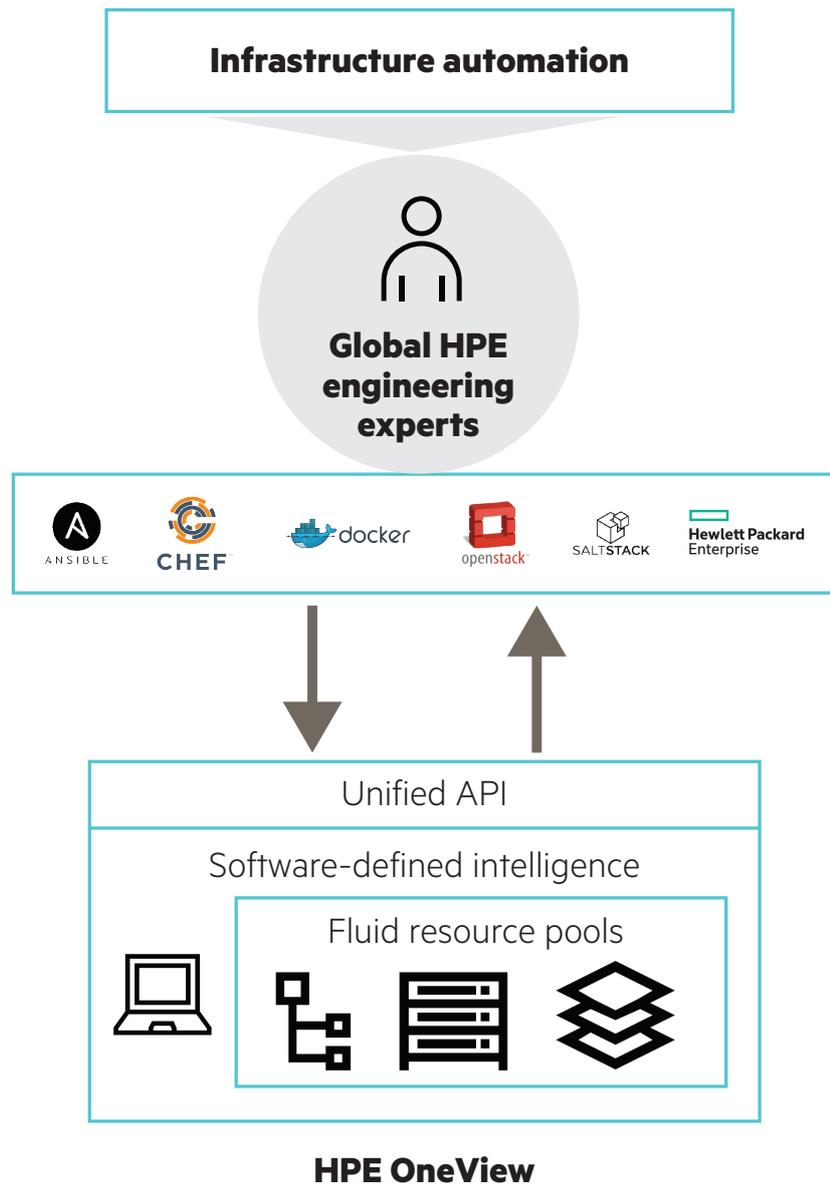
When you call HPE CoE for help, you reach a team of experts, capable of delivering globally. Our team is trained in specific solutions, and technical areas such as infrastructure automation, and are backed by qualified centers of expertise. We are projects by a large ecosystem of solution partners, and understand the needs of your IT environment in depth.

You can rely on an assigned account support team that understands your operations, and are locally available to facilitate your success and help plan for your future. This team can support you in incorporating any of a number of services to enable your Datacenter Transformation initiative. These services include firmware and patch analysis and management, storage or network enhancement, and performance and capacity analysis. You can also target operational improvement with an ITSM assessment. These service "building blocks" are standardized, delivered consistently and globally, creating and cost-effective experience. You can customize your service so that you get exactly what you need, and pay only for what you require.

There are a number of examples of how this helps, but here are a few:

Automation can mean rapidly and reliably provisioning bare metal to full application stack in a single step—with the configuration, operating environment, and tools needed for productivity—to develop a new cloud-native app, or to roll out an instance of a production system. **HPE Pointnext Advisory and Professional Services** can leverage integration of open source automation tools with the industry-leading **HPE OneView**, powerful converged management that reduces infrastructure complexity with automation simplicity. Its software-defined approach can help your IT teams capture their best practices for "get it right" repeatability every time.

Figure 2. Automate HPE OneView provisioning with code

Or it can mean building and running a continuous deployment pipeline—a reliable way to build, test, and deliver code into production quickly—and reducing errors via repeatable provisioning.

Figure 3. Continuous deployment pipeline

Or, you could be targeting workload portability and need to move your environment to a container-based operation, leveraging the ecosystem of tools that enable containers.
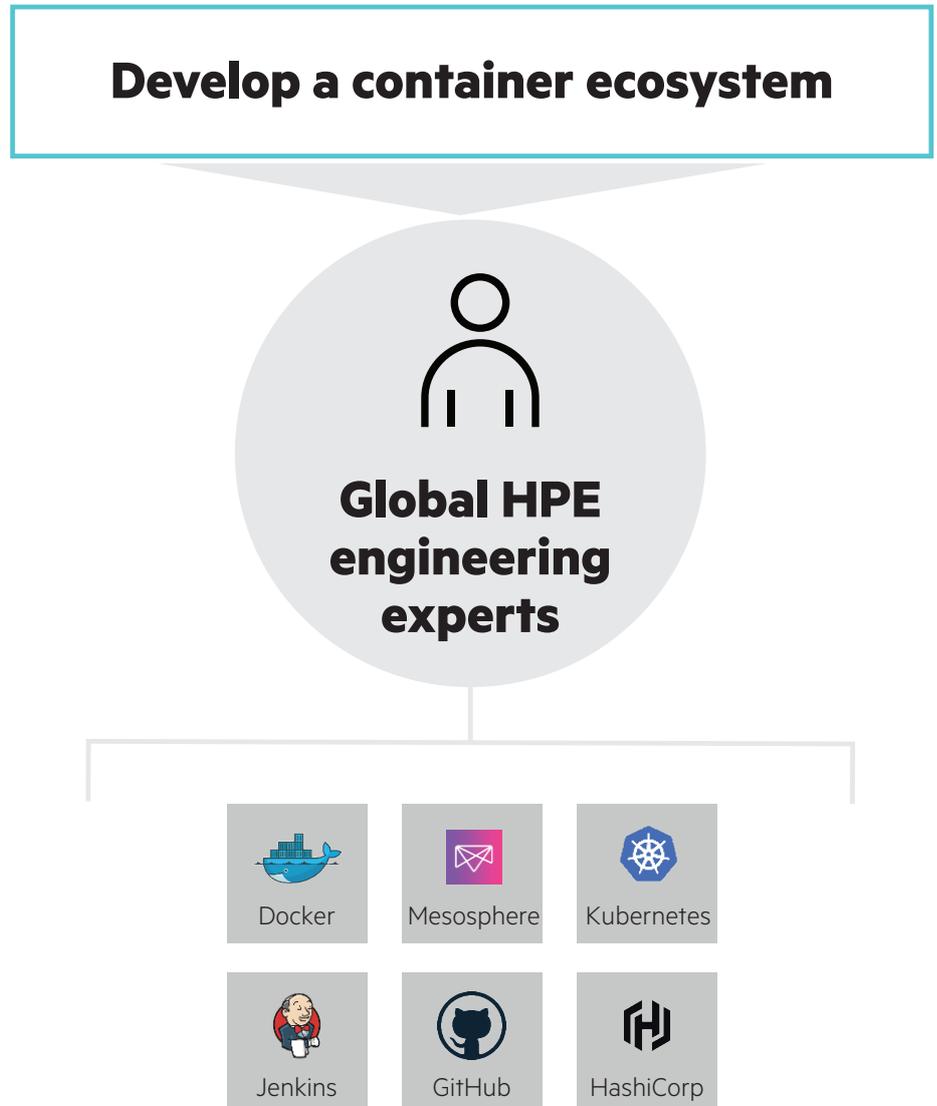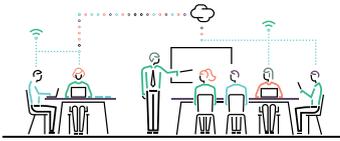

Figure 4. Develop a container ecosystem

There are many other situations and use cases where engagement with **HPE Pointnext** Center of Expertise (CoE) can speed up the adoption of automation tools—and in turn accelerating time-to-value and putting your overall business on the fast track.

HPE Pointnext CoE provides advice, best practices, coaching, and tools with high-velocity IT in mind. HPE IT Automation enables you to manage infrastructure as code collaboratively, to automate, and to get holistic support when you need it. With HPE IT Automation you can gain faster time-to-value, deliver a better end-customer experience, and expand capacity for innovation.

When you join hands with **Hewlett Packard Enterprise**, you'll be working with one of the largest and most innovative IT partners that you could find, with global reach to help you wherever and whenever you need us, and expertise across your IT environment to help you operate with stability. Get the most out of your partner's expertise in innovative areas such as infrastructure automation to guide you through your next transformation.

Our aim is to help you succeed—to serve as your IT partner, simplifying your IT operations, and enriching your IT ownership experience.

HPE Transformation session: IT Automation
You may be at the stage where you don't have a clear, joint road map between your Operations and Development teams about how best to automate your processes. In that case, we suggest a strategic interaction with our Infrastructure Automation session:
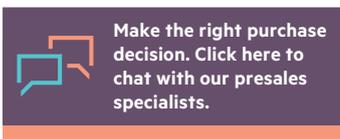
• A 360 degree view of all implications relating to infrastructure automation.

• A visioning and planning exercise, based on HPE and industry models, driven by HPE's proven interactive methodology.

• A time-bounded exercise with immediate deliverables—an actionable road map highlighting specific automation projects and their benefits to your organization.

• It is about knowledge and experiences, interactive sharing and how it will apply to your company, led by your priorities' and challenges.

In short, the purpose of the IT Automation session is to help you make informed business strategy decisions, identify quick wins, and lay out your next steps in a road map, with evidence of desired end state, constraints, opportunities, and bold steps needed to achieve success.

And if you still need to prove the value of automation to your stakeholders, a proof-of-concept can get over that hurdle—showing how automation can help in your environment.

If you are ready to get started with our **Advisory and Professional services** team, contact your HPE sales team.

Learn more at
hpe.com/services

On-site interactive session
• Understand your "automation capability"
• Learn pros and cons of various tools
• Identify "quick wins"
• Leverage industry best practices
• Build a high-level automation road map

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