

# EXECUTIVE CHECKLIST: PLATFORM-AS-A-SERVICE (PaaS)

## CHOOSING YOUR PaaS PATH

Maximizing your developers effectiveness and efficiency is key to enabling growth and positioning your IT Infrastructure as an asset within your organization. Making certain you have considered all the angles is crucial in your Platform-as-a-Service (PaaS) success.

The following checklist will help you assess your needs and possible business impacts to aid in your decision process for choosing which PaaS will benefit your developers, your infrastructure team, and your business.

### 1. MAINTAINING FLEXIBILITY OF DEVELOPMENT TOOLS

- Do you want the choice to program in various languages?
- Do you want the choice of frameworks to develop with?
- Do you want the choice of cloud infrastructure?

If you answered yes to any of the above questions, you should look to an open source PaaS solution. Maintaining the flexibility of tools gives your developers the choice they need to succeed.

### 2. LEVERAGING EXISTING INVESTMENTS

- Do you want to support the languages and enterprise tools you are currently using in-house?
- Do you want to support the languages your developers are using in the cloud?
- Is leveraging your developers' existing skills and expertise important?
- Do you want to leverage your existing platform security capabilities?

If you answered yes to any of the above questions, you should evaluate vendors that offer a full stack and utilize an open philosophy. This will allow you to leverage your existing knowledge base, provide your developers with choice, and provide you confidence in the security of your PaaS.

### 3. MAXIMIZING FUTURE CHOICE

- Does vendor lock-in concern you?
- Do you want the ability to move applications between on-premise and cloud environments?

- Do you need legacy application portability?
- Does the environment you're considering support development, test, and production environments for multiple application development lifecycle stages?
- Do you want to adopt or implement PaaS without changing current methodologies?

If you answered yes to any of the above questions, it is important to double check that your PaaS is actually open, not just that they call themselves open. True application portability will allow you to maintain control of your environment.

### 4. MULTI-TENANCY IN YOUR ENVIRONMENT

- Is multi-tenancy a key component?
- Does security from malicious users or merely poorly written code cause concern in your environment?
- Do you need the security of tested and proven abilities?
- Are you experiencing virtual machine (VM) sprawl where the cost of maintaining VMs is becoming prohibitive?

If you answered yes to any of the above questions, you should focus on how the PaaS platform will keep your applications and IT infrastructure secure and if that security will work throughout your stack.

## LEARN MORE

Get started exploring how OpenShift Enterprise can provide your developers with the flexibility to use the tools they need, including JavaEE6, Rails, Django, Spring, Play, Sinatra, and Zend. OpenShift Enterprise also allows the choice of languages using Java, Ruby, PHP, Python, and Perl.

Discover how OpenShift Enterprise was designed for multi-tenancy and protects you from harmful code using established security with SELinux and cgroups, while allowing you to leverage your existing investments and the choice of portability to avoid vendor lock-in.

Visit [www.openshift.com](http://www.openshift.com) to get more information and contact sales to speak with a Red Hat representative.

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