A SolidFire Datasheet

SaaS IT Optimization Checklist

Focus your SaaS strategy on the future

The pace at which Software-as-a-Service providers can turn customer interactions into insight, insight into strategy, and then into product functionality has a direct effect on the bottom line. Are you spending too much time managing the nuances of your infrastructure today instead of innovating new features your customers demand?

Focus your SaaS strategy on the future by following this SaaS IT optimization checklist:

- ☐ **Make development, testing, and deployment easy.** Waiting days, weeks, or months to deploy new hardware has a trickle-down effect — delaying the onboarding of new users, development of new features, and ultimately delaying time to revenue. Spend less time creating development and test environments on real-time production data and more time innovating and developing revenue driving features.
- ☐ **Provide end-to-end automation.** APIs and support for common scripting tools help you automate previously manual tasks. When you no longer have to write vendor-specific code to ease your infrastructure management, you can spend that time innovating and writing code to improve your specific software implementation. Building a system with APIs in mind enables more open and collaborative environments for your customer to further customize their experience with your software.
- ☐ **Make user onboarding easy.** Automating infrastructure tasks can enable self-service. Adding new users ceases to be an administration task and instead can now be enacted by the end users themselves. With a utility consumption model, users get to work in your SaaS solution faster, allowing you spend less time managing tasks critical to a growing user base — and more users typically equal more revenue.
- ☐ **Optimize your resource management.** As if deploying high-performing, right-sized, feature-rich infrastructure in support of your SaaS business weren't daunting enough, trying to accurately plan for growth can seem impossible. By choosing infrastructure that scales granularly, seamlessly, and non-disruptively, you can remove the pain in growth planning. Grow cost-effectively, on your terms, and ensure users never have to suffer through maintenance windows — or worse, service outages, again.
- ☐ **Be portable and flexible.** Eliminating vendor lock-in is a key reason users look to SaaS solutions. The infrastructure SaaS runs on should be no different. Rather than hard-coding your software to your infrastructure components (for example, mapping users directly to storage array resources), consider taking a loosely coupled approach, and treat the infrastructure as pools of resources, thus avoiding vendor lock-in.
- ☐ **SaaS data security and data segregation.** It's critical to segment customer environments to ensure total data privacy. Data access and policies refer to making sure that data is only accessible by the users/entities who require access to the data and to the extent to which they need that data. SaaS providers must make sure that the security postures, including access controls throughout the cloud solutions, are consistent with the organization's security policies.

Learn more by downloading the complete White Paper: Enabling Agile SaaS Infrastructure, a thorough look at how to overcome common IT challenges that interfere with effective, profitable SaaS delivery. #CodeOn

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