

8 Tips for Optimising your Azure Environment



95%
of customers have room for improvement in their Azure environment.¹

A customer burned through

\$2.5m

in Azure consumption in 2 days due to poor processes.²



1 Put governance in place



49% of enterprises lack a cloud operations plan.³

50% of enterprises lack knowledge of cloud best practices.³

BEST PRACTICE

Create a **governance plan** that outlines accountability, decision-makers, reporting and compliance obligations, risks and resources.

2 Avoid security gaps

In 2019, only **22%** of Data#3's Health Check recipients had Azure Security Centre enabled.⁴

BEST PRACTICE

Enable **Azure Security Centre** (or upgrade from the free basic version to the paid version) which unlocks rich security features and covers hybrid and Azure resources.



3 Assume responsibility for configuration



69%

of customers wrongly assume their cloud provider is responsible for backing up their workloads.⁵

BEST PRACTICE

Prepare a **Business Continuity Strategy** which specifies the configuration protocols and management processes you need to be responsible for.

4 Right-size your investment

Paying for over-provisioned infrastructure by-the-minute can often lead to

bill shock.

BEST PRACTICE

Use **Azure Advisor**, a free tool, to scan your environment and resources, and make recommendations around availability, performance, security and cost.



Use **Azure's autoscaling engine** to inject elasticity and agility into your infrastructure.



5 Set your subscription up correctly



75%

of customers are paying too much for Azure.⁴

BEST PRACTICE

Use **Data#3 Azure Foundation** to protect the business from human error and avoid costly mistakes down the track.

6 Start tagging your resources

Eliminates hours of investigating which resources are draining your account.

BEST PRACTICE

Use **resource tagging** to identify and organise your resources in Azure so you can find and report on them quickly and accurately.



7 Avoid overspending



Of the 75% of customers paying too much for Azure, some are overspending by as much as

70%.⁴

BEST PRACTICE

Use **Azure Monitor and Azure Advisor** to track storage, set alerts and take proactive action.

8 Give your virtual machines the weekends off

Shutting down non mission-critical machines over the weekend/ after-hours can equate to a

50% saving.⁴

BEST PRACTICE

Azure Monitor and Azure Advisor can help you track, in-out traffic, CPU usage and more, to provide useful reports on dormant machines.



Does your Azure cloud need a health check?

Whether you're just getting started with Azure, or you're already up and running, an Azure Health Check from the expert team at Data#3 will check and analyse key aspects of your set-up. Our expert team will conduct a detailed assessment of your configuration, and will provide you with a reported detailing our findings, any vulnerabilities or critical risks, and recommended next steps.

BOOK A HEALTH CHECK TODAY >

Interested in how Data#3 can help?

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¹ Data collected by Data#3 from 100 Azure customer engagements over a 12 month period in 2018 to 2019.

² Data#3 customer data.

³ Forrester (October 2018). Benchmark Your Enterprise Cloud Adoption. [Online] Available at: <https://www.forrester.com/report/Benchmark+Your+Enterprise+Cloud+Adoption/-/E-RES117042>

⁴ Data collected by Data#3 from 100 Azure customer engagements over a 12 month period in 2018 to 2019.

⁵ Veritas. (2017). Veritas 'Truth in Cloud' Research. [Online] Available at: <https://www.veritas.com/content/dam/Veritas/docs/reports/veritas-truth-in-cloud-results-analysis.pdf>