Microsoft Azure
Remediation

Data#3

Gold
Microsoft Partner
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Azure Expert MSP

Ongoing setup and health issues in the Azure environment can be extremely common. Clients regularly experience **serious security issues** and **overspending**, due to a lack of knowledge in best practice Azure setup.

You've invested in cloud and have discovered serious issues with your Azure setup. What do you do now?

Did your health check find:

- **Cost** - You are spending too much in Azure? Overprovisioned instances, and not using benefits available to you?
- **Subscriptions** - Your Azure subscriptions misaligned with organisational structure?
- **Tagging** - Tagging isn't being used, and is impacting chargeback reporting?
- **Continuity** - Your continuity isn't aligned to best practice to maxmise uptime?

You need Azure Remediation!

Where do you start?

We have found that customers:

- Know they have to fix the recommendations from the Health Check
- Are overwhelmed and unsure of where to start without impacting production
- Need help to implement the recommendations

    How do you implement the health check recommendations?

What comes first?

In our experience:

- Fixing security issues is the first priority - close the open doors!
- Secondly, addressing cost to streamline your Azure investment is important
- Thirdly, best practice recommendations can be implemented

How do you sequence the remediation activities?

What is best practice?

We have found that:

- While the health check will indicate Azure best practice, they are not always deployed
- Engaging the Data#3 Azure Managed Service will help retain best practice

    Do you meet best practice?

What is the Azure Remediation Services?

Executing production changes to an Azure environment requires careful planning, and some of the fundamental changes such as subscription topology is a major change. It's important to leverage expertise to ensure these remediation changes are implemented correctly.

The Azure Remediation Service takes the outputs from the Azure Health Check and implements those findings. Many of the recommendations require skills that encompass Azure and Security and can be complex and multi-layered. Remember, every hour you don't fix your costs represents more budget to maintain an inefficient setup.

In over 50% of health checks conducted by Data#3, we have uncovered customers with incorrectly configured storage tiers, resulting in significant wastage and overspend[1].

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Azure Remediation assists your organisation to get it right

Customers Are Paying Too Much

- Data#3 has delivered hundreds of health checks
- Across the board, our customers are paying too much
- Some customers are overspending by more than 70%

There Is a Lack of Cloud Skills

- An EU study estimates a shortage of 756,000 ICT professionals by 2020
- The shortage is more acute in cloud skills, with a widening gap between candidate supply and demand
- Do you have the cloud skills you need to remediate Azure?

There Are Issues in Azure Subscriptions

- Azure Security Centre can highlight suspicious activity and can feed into the new Azure Sentinel SIEM product, yet only 22% of customers are using it.
- Clients have been alerted to breach and are unaware due to lack of monitoring
- Having multiple Enterprise Administrator accounts opens attack vectors for account breach

What to expect from an Azure Remediation Service

The Azure Remediation Service will take the recommendations from the Azure Health Check.

The service will:

- Implement security recommendations
- Implement Azure subscription setup or configuration issues
- Implement tagging for resource utilisation/chargeback billing
- Implement cost optimisation recommendations, including AHUB, Reserved Instances and rightsizing

Data#3 can then manage the solution ongoing should your team not have the skills or resources to manage the solution ongoing.

Why Data#3?

Data#3 has the deep expertise your business needs to maximise its investment in Azure. As Microsoft's largest Australian partner, Data#3 has unparalleled competencies in Azure, licensing, system integration and managed services. Our five-stage pathway to cloud success is based on Azure best practices. Whether you are new to Azure or looking for advanced Azure services to take your business to the next level, Data#3 can connect you with the resources and expertise you need.

Your Next Steps

- For more information, visit our Azure cloud page.
- Take action today and connect with your Data#3 Azure experts today

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

Interested in how Data#3 can help?

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