

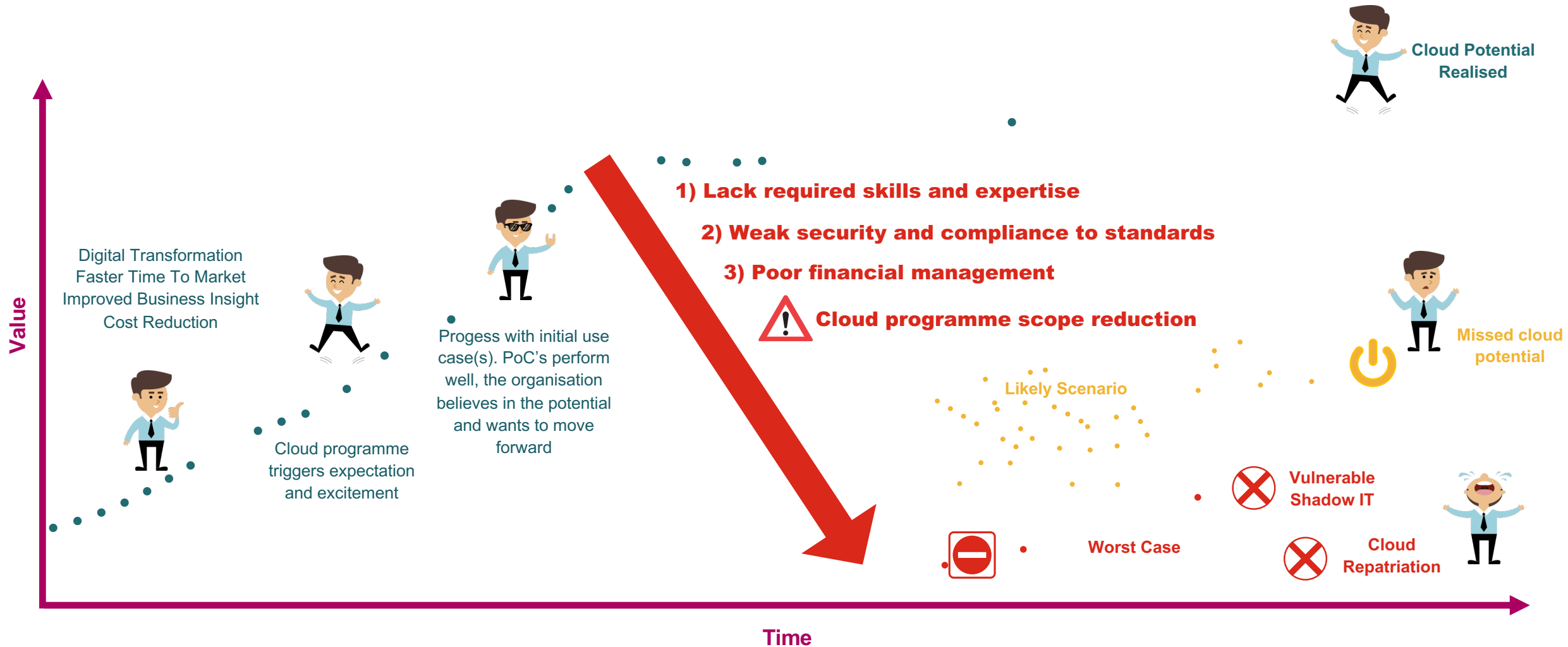
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Avoid getting knocked off course

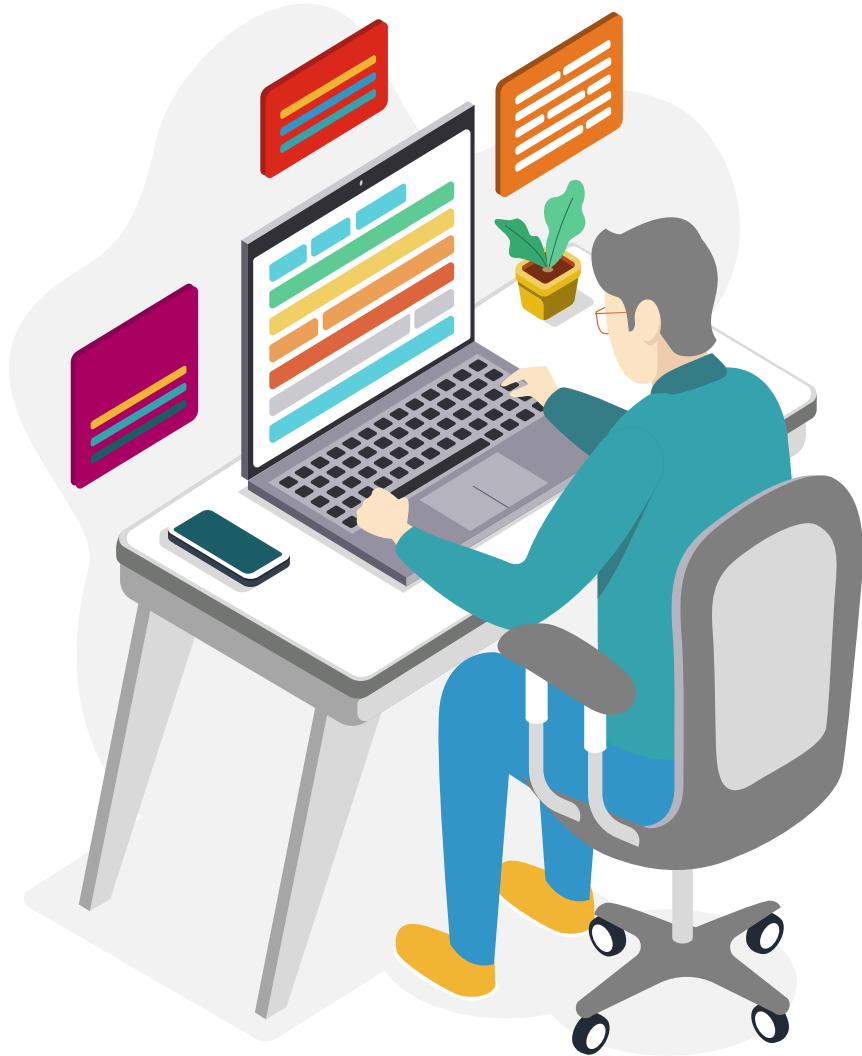
Jon Gasparini, Digital Scotland 2022

Bright ideas. **Solid solutions.**

3 factors that can knock your cloud programme off course



Recognise that both sourcing and retaining skills will be hard



Sourcing

Source at least a small number of experienced / expert cloud professionals through direct recruitment or via a partner.



Reskilling

Invest in a training programme focused on reskilling your current talent pool both across IT and the business.



Retaining

In a market where demand is outstripping supply recognise you are going to have to work hard to retain your cloud skills.

Establish strong controls from the outset is critical

Poor configuration results in data breaches

Unsecured Azure blob exposed 500,000+ highly confidential docs from UK firm's CRM customers

Medical records, insurance claim docs, promotion process feedback... you name it, Probase bared it

Rotherwood Healthcare AWS bucket security fail left elderly patients' DNR choices freely readable online

Plus birth certificates, job interview data and more

Verizon partner data breach exposes millions of customer records

Accessed through an unprotected Amazon S3 storage server

Invest in a cloud control framework



 National Cyber Security Centre
a part of GCHQ



ico.
Information Commissioner's Office

- Consider both technical and non-technical controls.
- Controls may be preventative or detective.
- Controls should be embedded from the outset.

Six financial management capabilities you need to succeed

Governance & Compliance

Track spend against budgets, optimisation benefits and compliance to cost controls including ownership and tagging.

Financial Optimisation

Regularly assess cloud provider commercial levers and tune to optimise and reduce overall spend profile.

Resource Optimisation

Regularly tune cloud resource types and provisioned capacity to align with business needs.



Billing Management

Process cloud provider invoices allocating costs (and credits) accordingly (e.g., cost centres, PO #) ready for processing by your finance team.

Insight and reporting

Detailed breakdown of consumption and spend including trends. Provide regular reporting to budget holders and your cloud developers.

Alert and respond

Alert based on thresholds and / or anomalies related to consumption and spend.

Thank you.

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