As businesses continue to evaluate and adopt public cloud services, it is important to understand the demarcation point, in terms of security and regulatory compliance.

In many cases, the customer mistakenly assumes that the cloud solution provider's (CSP) role

is to provide a safe computing environment, and that the onus for securing their data and workloads resides exclusively with them.

## 98% OF ENTERPRISES

Have had to contend with at least one cloud security breach in the last 18

months - IDC Survey of 200 US CISOs

## OF THOSE SURVEYED

52%

Reported difficulties meeting their laaS

**DEPLOY** 

compliance and auditing obligations -Snailpoint - State of IaaS Governance

# CLOUD **SECURITY REVIEW**

ultima >>



90%

OF DATA BREACHES

Targeted external cloud assets (servers),

according to Verizon's 2021 Data

Breach Investigations Report (DBIR)

1 IN 5

**ORGANISATIONS** 

Assess their cloud security posture

responsibility model, where they are accountable for securing their platform, (e.g. host infrastructure, physical security and network controls), leaving the rest to you.

In reality, CSPs adopt a shared

This means you are responsible for

the SaaS, PaaS and IaaS workloads residing in the cloud, including aspects such as data classification, app level controls, patching, and identity and access management.

30%

### OF BUSINESES Fail to apply adequate security controls,

protecting cloud environments against attacks, limiting losses and liabilities

83%

### OF CLOUD BREACHES Are derived from access vulnerabilities

with misconfiguration representing 15% of attack vectors - IBM / IDC

**AUTOMATE** 

WEEKS 7 TO 12

manually, draining resources and leaving room for human error - Tripwire

OUR OFFER

Ultima will run a fixed price engagement where after an initial kick-off meeting, we will deploy IA-Cloud

Automate for a period of 3 months. This requires a few simple resources to be deployed into your Azure environment to discover and monitor the current security posture and resource vulnerabilities. At the end of the evaluation period (usually 6 weeks) you will be given a detailed report on all of the

**PRESENT** 

WEEK 6

services running in Azure and where any security remediation can occur.

Handover IA-Cloud Kick Off Workshop Review Report Connect IA-Cloud Conduct Assessment **Discuss Implications** Review Extra Features **Identify Risks** Set Up Analytics Plan Remediation Introduce Ultima Managed Cloud

# AUTOMATING BAU WITH IA-CLOUD

**ANALYSE** 

**WEEKS 2 TO 5** 

In addition to enhancing 'out of the box' Azure monitoring with integration into ITSM platforms such as ServiceNow, IA-Cloud Automate automates patching and backup activities, while continually checking your cloud environment against the CIS Benchmark - one of the most recognised compliance standards. It also checks the

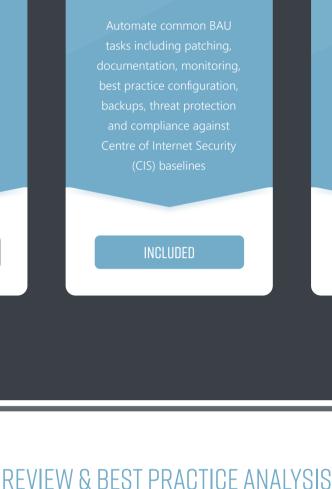
Common Vulnerabilities and Exposures list, highlighting the rating and prevalence within your organization.

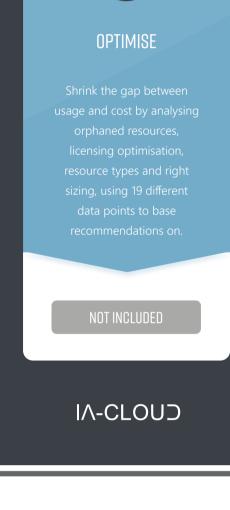
Ultima Labs was founded at the start of 2020 with one mission in mind - to help organisations to adopt automation more easily. IA-Cloud is a suite of products built to address common challenges organisations are facing with public cloud, providing solutions around Migration, Automation and cost Optimisation.

111

**AUTOMATE** 







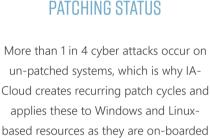
**COMPLIANCE CHECKS** 

Interrogate both Azure laaS and PaaS

resources for non-compliance and

INCIDENT RECOVERY

Up-to-date documentation is critical



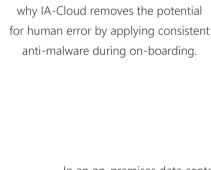


TRUSTED BACKUPS

To ensure all machines are adequately

protected, they are automatically





**Azure Only** 

PaaS

laaS

SaaS

**ANTI MALWARE** 

96% of businesses with a DR plan

survived ransomware attacks, which is



transfer to the CSP (i.e. Microsoft). The following diagram illustrates the areas of responsibility between you and the CSP and where the gaps are, alongside the benefits you can expect by introducing IA-Cloud Automate.

With IA-Cloud

**PaaS** 

IaaS

SaaS



Customer

Microsoft

Varies by Type

With IA-Cloud

**MONITOR & ALERT** 

IA-Cloud Automate uses cloud-native

### Network and Security Controls Operating System

Data Classification & Accountability

Accounts & Identity Management

Identity & Directory Infrastructure

**Application Level Controls** 

**Physical Hosts** 

Physical Network

Physical Data Centre

IA-CLOUD IN THE REAL WORLD

# SHEFFIELD CITY TRUST **66** Security is crucial. It's the kind of thing that keeps me awake at night. IA-Cloud, at the click of a button, you can see straight away if there is anything you trustees and say we've got a problem. >> Mike Cook - ICT Manager







### feed of high criticality exploits published by Microsoft, with recommendations

**ENHANCED** 

CENTRALISED SECURITY

Anti-malware scanning, patching and a

As part of our Cloud Cost Optimisation service, we'll give you IA Cloud - Automate for 3 months, so you can better understand your current security and compliance position. Based on the report produced, you can opt to engage our cloud specialists to remediate the issues found or implement the recommendations yourselves, taking steps to reduce your overall attack vectors. For complete peace of mind, you can even outsource your Azure workloads to Ultima as part of our Managed Cloud service.

**SECURITY REVIEW** 

**WEEKLY** 

**SECURITY BENCHMARKING** 

IA-Cloud's compliance centre provides

a CIS-backed posture report, alongside

REMEDIATION

# 6000 CIS Benchmarks

itemised remediation tasks per resource and how services relate to one another NEXT STEPS

MANAGED CLOUD

**EVERGREEN** 

Comprehensive monthly reporting

informs the Trust about its Azure estate

**DOCUMENTATION** 

**£POA** 

MORE INFO

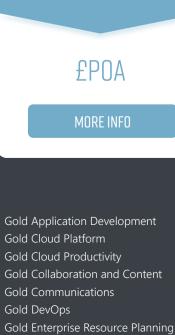


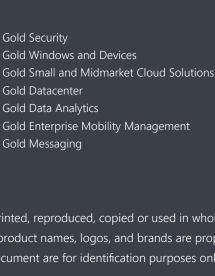
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