

# CLOUD SECURITY ASSESSMENT

## About the Customer

Our customer is one of the world's leading services company who delivers public services to customers on behalf of governments, semi-governments and large private corporations.

## Objective

The customer has deployed multiple cyber security solutions to defend against cyber-attacks and are undertaking efforts to review their existing IT infrastructure design and identify gaps in cyber security posture, architecture deficiencies, if any, and risks in the current design. They wish to engage an external firm that can fulfill following requirements and help them strengthen their security architecture in line with industry standards:

- Understand the current cyber security posture and exposure to cyber risks.
- Assess the current architecture and identify gaps in the implemented security controls.
- Suggest a suitable target architecture
- Provide recommendations with an actionable roadmap along with an implementation plan

## What we delivered

- Ensure alignment of the cloud security architecture/controls with recognized industry, vendor best practices and evaluation of applicable standards in the design recommendations.
- Evaluate potential Threat Vectors.
- Identify potential/likely avenues of attack and provide recommendations for mitigations.
- Develop a Threat Model outlining key threats to the cloud infrastructure
- Evaluate existing cyber risk mitigation practices and effectiveness of controls in the context of cloud security
- Create an actionable roadmap consisting of steps to be taken to achieve the desired state.

## Areas of Assessment

- Identity and Access Management
- User Roles and Privileges
- Data Security
- Device Control (Intunes)
- Cloud Network Security
- Secure Configuration (Azure DC, O365 and Intunes)
- Vulnerability Management
- Log Management and Monitoring

### To Know More

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