



G-Cloud 15

Lot 3 – Cloud Support Services (Additional Services)

Avanade Cloud Security Services



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1. Scope of our services

With the recent technological advances in cloud computing, organizations understand the cloud offers cost-effective solutions to house and process data, applications and even hardware. Organizations, however, understand the increased reliance on cloud suppliers also means a larger number of risks are outsourced to cloud suppliers to manage.

There have also been advances in the cyber landscape; Not only have the threats – and the casualties – increased dramatically, but there is also widespread awareness of the damaging impact of breaches.

Cloud adoption is driving organizations to rethink their business and their security posture. The cloud unlocks new opportunities to transform operations and modernize services whilst changing the security paradigm. From misconfiguration and data loss to outdated tools and processes, organizations are finding it impossible to address new security requirements with legacy approaches alone. We can help close the gap, leveraging our end-to-end Cloud Security solutions to give the insights, implementation support and managed services needed to securely harness the innovative potential of the cloud, transform applications, and stay compliant on the Microsoft platform.

The purpose of the Avanade cloud security services is to gain assurance that security controls are designed appropriately, and the controls are mature enough to operate effectively to mitigate risks that may compromise business and corporate objectives. As organizations increasingly make use of cloud-based services to improve efficiency, drive down costs and improve agility, the potential impact to the business is exponentially increased. From the loss of access to loss of data, the impact of a security incident is significant.

One key challenge arising from the adoption of Cloud Services is the blurring of security control boundaries. It becomes difficult to understand exactly who has what control of security across the range of services.

Control generally falls into one of three areas; fully owned by the consumer, shared between the consumer and the Cloud Service Provider (CSP) or the full responsibility of the CSP. The domains where security is applied add a further dimension to security management. The typical stack of security domains (or areas of security influence) can be seen as:

- Data
- Application
- VMs
- Server
- Storage and
- Network

Combining areas of responsibility across different security domains is illustrated below. There will be variances within each service, some services do not fall neatly into the categories defined. However, it highlights the variances and complexity as organizations swing multiple functions to the Cloud with different delivery models.

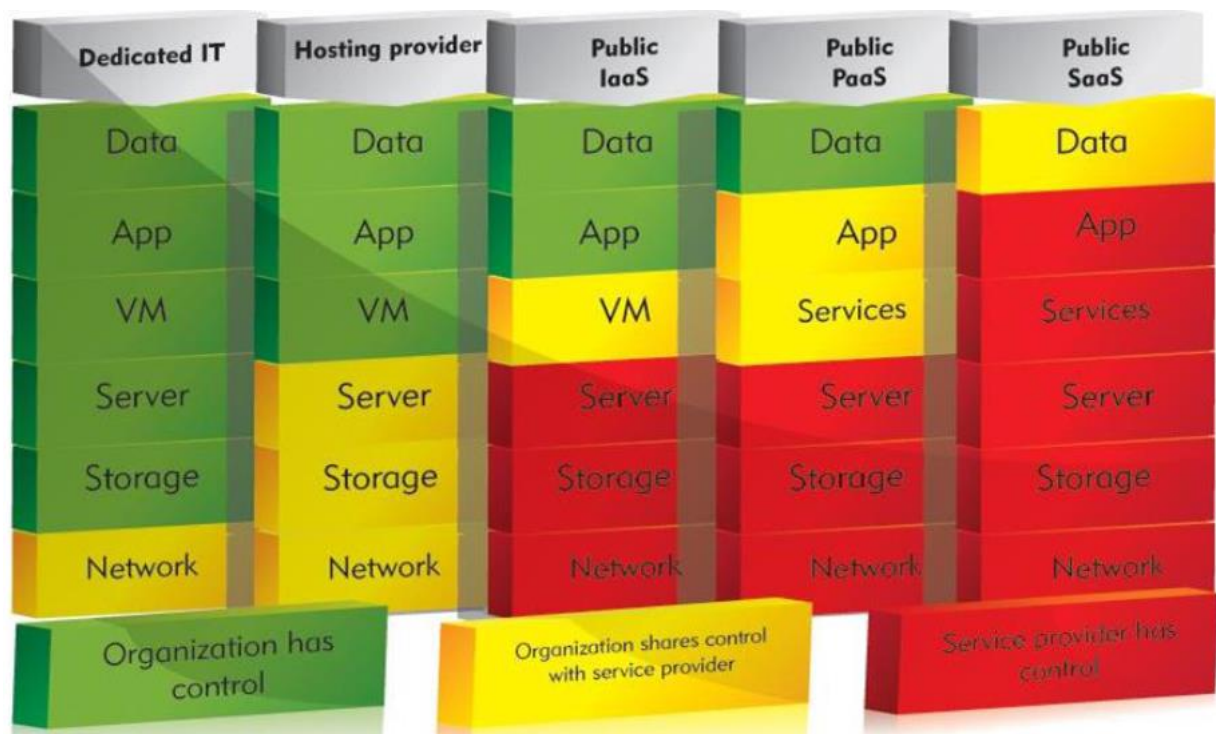


Figure 1

Benefits of Avanade's Cloud Security solutions:

- **A clear assessment:** Uncover and chart the steps to a mature cloud security posture.
- **Secure Azure:** Build and implement core and advanced Microsoft Azure services with the required compliance, governance and controls.
- **Cloud identity:** Modernize identity and access management services in the cloud, starting with Azure Active Directory.
- **Protect apps:** Transform application development in the cloud with stronger security standards and business processes.

2. Approach

Introducing Avanade's Cloud Security solutions

Our Cloud Security solutions enable you to fully unlock the business benefits and advanced security capabilities of the Microsoft Cloud with confidence. As a global solutions provider, we combine our deep Microsoft expertise, end-to-end capabilities and industry-specific offerings to ensure you have the right technology, processes and organizational structure in place, helping you be cyber-compliant and cyber-resilient in the Microsoft ecosystem.

Security is required at every step of the cloud journey.

There are numerous paths organizations take for cloud migration, from a full-scale adoption of public cloud to modernizing application development to optimizing existing investments. In every case, businesses need to rethink their security posture as evolving threats, and operational challenges emerge. Organizations are concerned about cloud security, citing misconfiguration errors, data leakage and lack of adequate tools as their top challenges. Traditional legacy solutions no longer provide adequate controls or confidence. A new approach is needed to embrace the cloud securely.

Organisations can't solve cloud security challenges alone.

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Unfortunately, most organizations don't have the experience, expertise or tools needed to understand their cloud security needs, much less put into action a plan to address them with the right people, processes and technology. Doing so requires a comprehensive cloud maturity assessment, followed by a dedicated, long-term strategy for implementing the right solutions and managing them securely and effectively to achieve the true business value of the cloud.

Helping organizations be cyber-compliant and cyber-resilient in the Microsoft ecosystem.

Our Cloud Security solutions give your organization the insights and support it needs to securely evolve in the Microsoft cloud ecosystem. With our help, you will be able to update your security posture and transform operations to unlock the full business value of your cloud implementations while reducing risk and strengthening your defenses. In line with your industry requirements, we will help you map out the path to cloud security and move from point A to point B (and beyond) quickly and confidently with a transformative, modern approach.

We help transform your cloud security posture at every step.

Security Advisory	With our upfront Cloud Security Maturity Assessment, we'll help you: • Assess your cloud security posture across technology, processes, people, standards and organisational capabilities • Develop a clear shared responsibility model with cloud providers • Select and plan for the right technology solutions – and put in place an effective change management strategy
Build and implement Azure baseline services	Our team of Microsoft cloud security experts provides extensive build and implementation services, letting you: • Implement Azure baseline services with the right compliance, governance and controls, tailored to Government cloud requirements • Increase your ability to detect, prevent and react to advanced threats • Evolve operations to run and manage services securely and across hybrid environments • Learn how Avanade has successfully delivered solutions across global clients
Extending identity management into the cloud	Identity is at the heart of most major Microsoft cloud transformations. We enable you to: • Put identity at the centre of your modern security strategy • Upgrade infrastructure to extend identity and access management services into the cloud, starting with Azure Active Directory, PIM and Entra ID • Control and manage access to your data to prevent breaches and fortify your defences
Azure Managed Services	Reimagine cloud security as a fully managed, consumption-based, as-a-service model, so you can: • Optimise the protection of users, data and devices with monitoring, incident response and reporting • Remain always up to date with the latest security advancements • Leverage analytics and insights to extend your capabilities to focus on the highest priority risks and threats, proactively • Free your IT team from mundane and repetitive management tasks so that they can focus on innovation

3. Assets and tools

Cloud Security Maturity Assessment	Evaluate cloud security maturity and map it to security standards to drive recommendations: • Define the target cloud model, service and security requirements to support the strategic objectives. • Scope, enhance and develop the necessary policies, guidelines and procedures that will support the strategic shift to the cloud. • Extend the client's Information Security Governance and Compliance teams to ensure that the strategic shift into the cloud continues to map to ISO 27k, Gov InfoSec controls and GDPR compliance.
Azure Cloud Reference Architecture	A reference architecture framework covering key domains such as • Governance & Risk Management • Network & Endpoint security • Application Security • Digital Identity • Data privacy & protection • Container security • IaaS / PaaS security • Cyberdefense
Azure Managed Service offering	Onshore/ Offshore managed service delivery model including cybersecurity capabilities which can be tailored to the client's needs.
Additional Security offerings	We also propose point focused assessments such as: • Active Directory Security Assessment • Various Microsoft 365 Security Assessments (Office 365, Azure, Microsoft 365, Azure Information Protection...) • IAM Quick Start • Cloud Foundation Workshop • Cloud Transformation Workshop • App Development Security Assessment • Incident Response Readiness Assessment

4. Pricing

Please refer to the associated Pricing Document relevant to this Service.

5. Contacts

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6. About Avanade

Avanade, a joint venture between Accenture and Microsoft, is a privately held company was founded in 2000 with the goal of delivering innovative services and solutions to enterprises worldwide using the Microsoft platform. Avanade's main business focus is to purely deliver innovative services and solutions to enterprises worldwide on Microsoft technology. Avanade is a global organization with over 56,000+ professionals worldwide, serving our clients in major geographic business areas in 26 countries.

This vast network of highly skilled resources is further complemented by our network of delivery centers that we refer to as Advanced Technology Centers (ATCs). This complementary capability provides the agility, cost efficiency and diversity of skills that today's businesses demand. This construct underpins the results we generate for our clients and forms the foundation for our long-term relationships with them.