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Azure Arc

Title needed

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Hybrid and Multi-cloud have become the new normal, 92% of organisations claim to have a Multi-cloud strategy. Whilst there may be many reasons an organisation decides to leverage the use of multiple clouds, the challenges of managing a distributed technology landscape are usually similar:

How do you operate and manage your estate?

Consuming Hybrid/Multi-cloud can be a time and cost intensive exercise as each platform requires it's own it's own set of tools, defined controls, monitoring, management plane etc leading to a lack of control and visibility across your estate a whole. This phenomenon is also known as sprawl.

How do you provide consistency across different cloud platforms?

Whilst you may be able to deploy servers to a datacentre or multiple cloud providers, the way in which this is done will vary. Maximising usage of these different platforms requires individuals/teams with deep knowledge on each of the platforms you consume. This can mean having dedicated teams/individuals for each platform, introducing the risk of inconsistency.

How can you ensure the required level of compliance to security and also governance has been applied across the board?

Every cloud provider will natively have a certain level of reporting and built-in controls to help you define your security, data governance controls, and also view how compliant you are to these standards. However, the way in which each platform enforces these standards and displays compliance levels will vary. For CISOs or other stakeholders that need to report on this data, the lack of centralised or consistent tooling can lead to reporting headaches and additional effort to ensure the same standards are maintained regardless of where a workload is deployed. Thankfully there is a solution that solves many of the challenges of leveraging hybrid/multi-cloud, **Azure Arc for Server management.**

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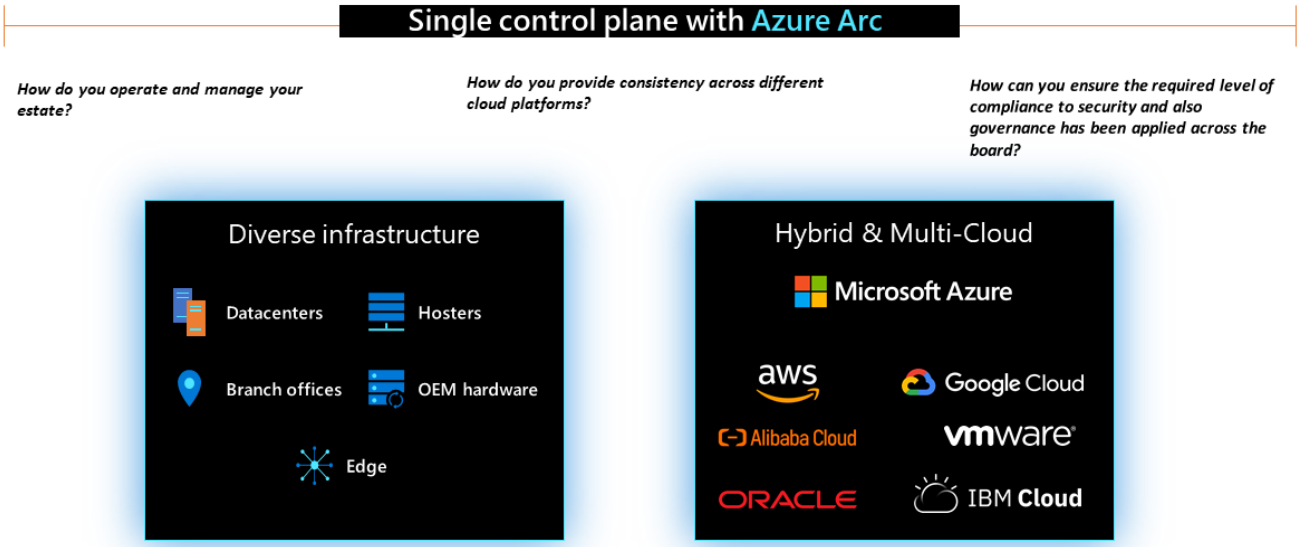
Azure Arc for Server management provides a single control plane to allow you to manage your hybrid/multi-cloud estate by extending the capabilities of Azure Resource Manager to virtual machines regardless of if they are on premises or deployed in another public cloud platform.

By enrolling your VMs in Azure Arc they will be auto enrolled to use the following services.



Inventory and Operation

- Update management – deliver updates and patches to your VMs
- Change and inventory tracking – used to provide details of current configuration and any changes that have been made to the OS
- Azure Monitor – collect and analyse logs and metrics to understand the availability and performance of applications, OS and VM resources (I.e. CPU, RAM etc)

Governance

- Azure Policy – enables enforcement of organisational standards i.e. ISO 27001, PCI DSS, or other custom standard

Security

- Azure Defender – Anti malware and threat protection
- Azure Security Centre – detect and remediate security vulnerabilities
- Microsoft Sentinel – SIEM/SOAR

Key Benefits

- Single set of tooling to manage your estate, same operating model can be applied on premises and in the cloud
- Ability to set compliance, and security baselines across your entire estate and view compliance/security scores across the board
- Apply the same level of governance across your Hybrid/Multi-cloud estate regardless of where servers are hosted
- Single source of truth – Arc effectively allows Azure to be used as a CMDB

Data Sheet

Need more information? Get in touch today

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