



G-Cloud 15

Lot 1a – IaaS and PaaS

Avanade Sovereign Cloud



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1. Service Overview

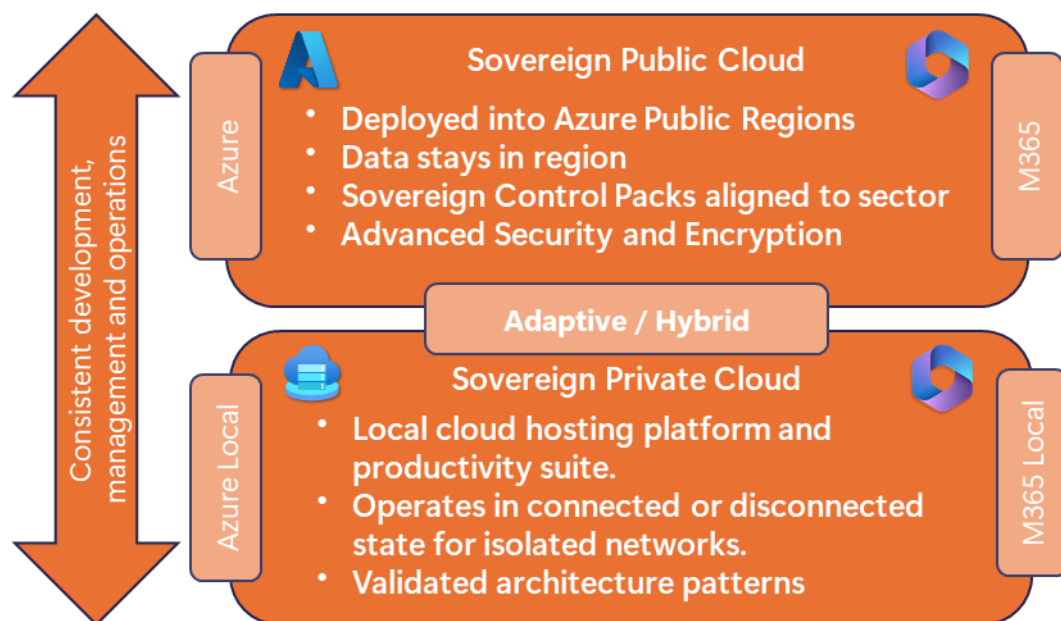
Our Avanade Sovereign Cloud Service is a comprehensive suite of solutions designed to address the technical, legal, and regulatory requirements of organizations - especially those in highly-regulated industries and government sectors. The service is structured around three main cloud models; each tailored to different sovereignty and operational needs.

The service provides Integrated cloud platform, security, and productivity services across public and private cloud, differentiating from other providers.

Our Flexible Frameworks are customisable to meet evolving standards and compliance requirements, with different deployment models.

We incorporate data, AI and advanced cloud capabilities while maintaining regulatory control.

Provides a unified management, tooling, and operational experience across all three deployment models – reducing complexity and risk.



2. Service Scope & Constraints

The service covers Sovereign Cloud strategy, vision and assessment along with end-to-end delivery of Sovereign Cloud capabilities from Microsoft, migration of workloads and operational management for both public and privately hosted cloud platforms.

Key Phases included within the service:

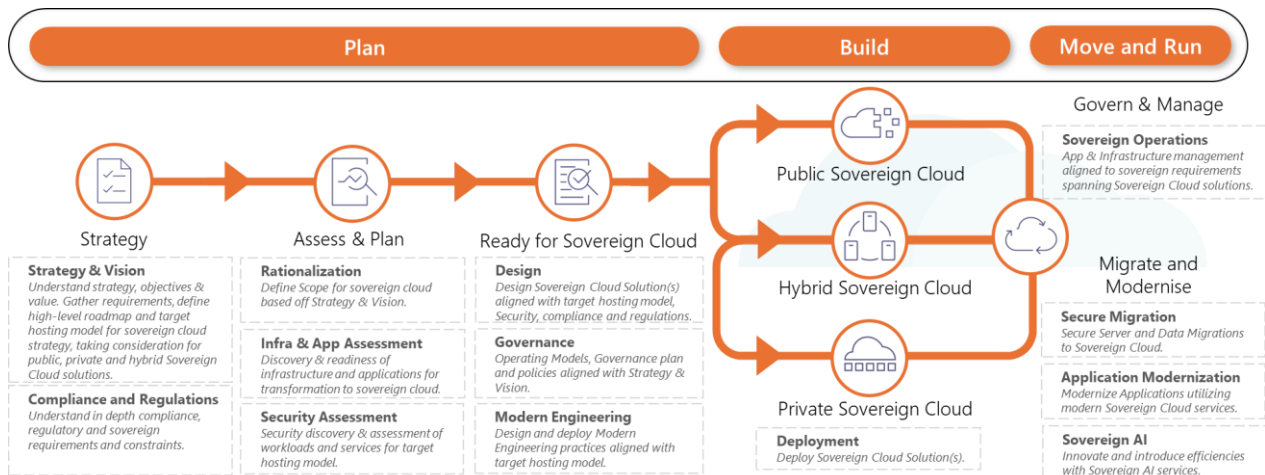
- **Phase 1 - Plan**
 - Sovereign Cloud Strategy
 - Sovereign Cloud Assessment and Planning
 - Sovereign Cloud Readiness and Design
- **Phase 2 - Build**
 - Public Sovereign Cloud Build and Deployment
 - Private Sovereign Cloud Build and Deployment
 - Hybrid Sovereign Cloud Build and Deployment
- **Phase 3 - Move**
 - Secure Migrations to Sovereign Cloud
 - Application Modernization
 - Sovereign AI Migration and Modernization
- **Phase 4 - Run**
 - Sovereign Operations

All key phases can be provided as individual services, or together for a comprehensive "Journey to Sovereign Cloud" engagement.

3. Service Approach & Outcomes

Journey to Sovereign Cloud

Our Journey to Sovereign Cloud covers the end-to-end requirements to successfully plan, implement and operate a sovereign cloud service operated on the Microsoft Sovereign Cloud technology solutions hosted publicly and/or privately, considering customers regulatory and compliance requirements to define and deliver the best solution without compromising on technical functionality.



The Journey to Sovereign Cloud is broken down into 4 distinct phases to provide total coverage for customers looking to host services within a Sovereign Cloud environment, utilizing our well defined and time-tested Cloud Impact framework. Each component within a phase can be delivered independently dependent on our customers requirements and maturity of their Sovereign Cloud solutions, or together to provide a comprehensive solution in its entirety.

Phase 1 - Plan

Our Plan phase focuses on preparing our customers for Sovereign Cloud, by strategic thinking, analyses and review of compliance and regulatory requirements, conducting assessments, preparing designs and defining critical operational services around governance and modern engineering – positioning customers for a successful, optimal and modern Sovereign Cloud service.

Component	Description	Outcome
Strategy & Vision	Understand strategy, objectives & value. Gather requirements, define high-level roadmap and target hosting model for sovereign cloud strategy, taking consideration of public, private and hybrid Sovereign Cloud solutions.	Strategy & Vision document which clearly articulates the roadmap and target hosting model(s) aligned with business requirements.
Compliance & Regulations	Understand in depth compliance, regulatory and sovereign requirements and constraints.	Documented regulatory and compliance requirements for platform, workloads and data to

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		inform design and operations within Sovereign Cloud solutions.
Rationalization	Define Scope for sovereign cloud based off Strategy & Vision.	Defined scope for Sovereign Cloud hosting solutions based off strategy and requirements.
Infrastructure Assessment	Discovery & readiness of infrastructure (Servers, Storage, Networks, AI Platforms) for transformation to sovereign cloud.	Infrastructure assessment reports including recommended R Treatments* for target Sovereign Cloud hosting platforms.
Security Assessment	Security discovery & assessment of workloads and services for target hosting model.	Discovery and assessment of current security requirements, tooling and services with recommendations for target hosting model.
Design	Design Sovereign Cloud Solution(s) aligned with target hosting model, Security, compliance and regulations.	Documented High Level Designs for public/private/hybrid Sovereign Cloud solutions.
Governance	Operating Models, Governance plan and policies aligned with Strategy & Vision.	Documented Sovereign Cloud operating model aligned with business and regulatory requirements.
Modern Engineering	Define and document Modern Engineering practices aligned with target hosting model.	Documented design for Modern Engineering within Sovereign Cloud.

*R Treatments = Transformation recommendations based off Retire, Retain, Rehost, Replatform, Repurchase, Refactor and Re-architect.

Phase 2 – Build

Our Build phase covers the creation of IaC (Infrastructure as Code) and automation to build and deploy Public Sovereign Cloud, and deployment and configuration of any Private Sovereign Cloud solutions into customers or third-party datacentres.

Component	Description	Outcome
Public Sovereign Cloud	Build and Deployment of Public Sovereign Cloud solutions utilizing IaC and Automation.	Sovereign Public Cloud solution deployed and operational.
Private Sovereign Cloud	Build and Deployment of Private Sovereign Cloud solutions, including hardware setup utilizing IaC and Automation.	Sovereign Private Cloud solution deployed and operational.
Hybrid Sovereign Cloud	Build and Deployment of Hybrid Sovereign Cloud solutions, including hardware setup utilizing IaC and Automation.	Sovereign Hybrid Cloud solution deployed and operational.

Phase 3 – Move

Our Move phase covers the migration of workloads securely into Sovereign Cloud solutions, along with application modernization and AI migration in a secure fashion, utilizing a combination of Microsoft and proprietary tooling to ensure workloads and data is secure and stored appropriately in alignment with customers sovereignty requirements.

Component	Description	Outcome
Secure Migration	Secure Server and Data Migrations to Sovereign Cloud utilizing.	Servers and data migrated to Sovereign Cloud.
Application Modernisation	Modernize Applications utilizing modern Sovereign Cloud services.	Applications modernized to run on Sovereign Cloud.
Sovereign AI	Innovate and introduce efficiencies with Sovereign AI services.	AI transferred and running privately within Sovereign Cloud.

Phase 4 – Run

The Run phase covers operational support for Sovereign Cloud solutions in public, private or hybrid deployment models using our delivery centre(s) within the UK, with appropriately cleared resources where necessary – aligning to customers requirements. We offer both shared, and dedicated service models with 24x7 coverage and proprietary operational tooling where required for monitoring and alerting, ITSM and FinOps.

Component	Description	Outcome
Sovereign Operations	App & Infrastructure management aligned to sovereign requirements spanning Sovereign Cloud solutions.	Operational Teams providing support for Sovereign Cloud services from UK locations with relevant security clearances and approved tooling.

4. Tools, Assets & Accelerators

12 Week Sovereign Cloud Assessment and Strategy

Our 12-week Sovereign Cloud Assessment and Strategy is a structured evaluation that defines strategic goals for sovereignty, compliance, and operational autonomy while aligning with business objectives. It reviews regulatory requirements, security posture, and governance controls, and assesses workloads for migration readiness and transformation opportunities to ensure secure, compliant, and efficient cloud adoption.

The assessments consider hosting strategies for Public Sovereign Cloud, Private Sovereign Cloud and Hybrid Sovereign Cloud from the Microsoft Sovereign Cloud suite of solutions – ensuring customers can take advantage of and make informed decisions on their future Sovereign Cloud hosting requirements.

Post completion of this accelerator, customers will have a well-defined plan and understanding of their estate, positioning them well to create designs for Sovereign Cloud that conform to requirements, and move into the Build phase of work.

Outputs as part of this accelerator include:

Strategy and Vision Document:

Sovereign Cloud Strategy and Vision Document will define the long-term goals for digital autonomy, data residency, and operational control, while aligning with business requirements such as compliance, security, and transformation. It will also include a current-state assessment, future hosting model strategy, key service capabilities, stakeholder governance, and a phased roadmap with measurable outcomes for a Sovereign Cloud hosting transformation.

Infrastructure & Security Reports:

A structured of current infrastructure and security detailing current workloads, networks and target sovereign hosting patterns for landing zones, covering sovereign technology stacks – enabling structured, repeatable architectures for sovereign hosting across public, private and hybrid Sovereign Cloud solutions.

Sovereign Cloud – Getting Started Bill of Materials:

Category	Components
Strategy & Vision	Objectives
	Current State
	Stakeholder Alignment
	Operations & Governance
	Transformation & Migration
	Hosting BC/DR
	AI
Compliance & Regulation	Regulatory Requirements
	Data Guardianship

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	Compliance Controls
	Data Retention & Backups
	Data Classification
	Data Loss Prevention
	Data Residency
Security Assessment	Network & Endpoint Security
	Policy & Enforcement
	Access Controls & Privileged Identity Management
	DevSecOps
	Encryption & PKI
	Audit & Attestation
	MxDR
Workload Assessment	Compute
	Storage
	Networks
	Dependency Mapping
	Ingress/Egress
	AI Platforms
	Sovereign Landing Zone Patterns

5. Trials & Associated Services

Avanade as the number one Microsoft partner globally have access to potential funding with Microsoft through programmes such as “Azure Accelerator”, and to services such as the Microsoft Migration Factory to reduce the overall cost to customers when engaging with ourselves. Each engagement will be assessed and worked on directly with the customers Microsoft account team to identify any potential programmes available, based on the scope of services being delivered.

6. Customer Responsibilities

The scope of services being delivered by Avanade for Sovereign Cloud engagements dictates the level of customer responsibility and dependencies. These would be defined during our solution planning and agreed prior to any contract being put in place to ensure both parties can deliver the scope of services effectively.

7. Avanade Experience

Avanade have experience delivering Sovereign Cloud solutions globally, for both public and private sectors, including healthcare, defence, life sciences, nuclear and financial services.

Within the UK, Avanade delivered an end-to-end solution to Home Group, utilizing Microsoft public and private cloud solutions. Scope of services included planning, design, build, migrations and managed service. Read the full story here: <https://www.avanade.com/en/insights/clients/home-group-cloud-migration>

Avanade have been a trusted partner with the NHS for over 10 years on engagements requiring strict sovereign controls in the cloud on many engagements, ensuring both business and patient information is stored, controlled and managed in accordance with strict requirements.

8. Service Pricing

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

9. Contact Information

Sangeeta Pierce

Head of UK Health & Public Sector

Email: uk.hps.support@avanade.com

Tel: 020 7025 1000

10. 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 organisation 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 centres that we refer to as Advanced Technology Centres (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.