

SOVEREIGN AI BY ZADARA EDGE CLOUD

Empowering Bespoke AI with Full Data Control

WHY SOVEREIGN AI?

- Harness the power of AI by leveraging Custom AI tailored for your data and organization
- Safeguard your most sensitive data and comply with multiple regulations
- Eliminate the need for storing critical and confidential information in public clouds

PLATFORM

- **Managed On-Prem Deployment:** Maintain complete control over data
- **Secured Infrastructure:** Operate in a strongly secured environment
- **Cost Efficiency:** Eliminate public cloud fees and reduce operational costs

REGULATORY COMPLIANCE

- **Standards Compliance:** Meet industry regulations, including HIPAA, GDPR, SOC2 and ISO27001
- **Strict Confidentiality:** Protect patient data and customer intellectual property with an air-gapped solution
- **Audit Trails:** Monitor and track data usage for governance and compliance
- **Controlled Environment:** Keep sensitive data within organizational boundaries to ensure adherence to policies

DATA PRIVACY & CONTROL

- **Complete Ownership:** Retain full ownership and control of your AI data. Ensure that your AI data is not co-mingled with other data
- **Data Leakage Protection:** Ensure sensitive information remains securely within your environment
- **Access Management:** Implement full access control to determine who can view and use AI and AI data.

TAILORED AI SOLUTION

- **Custom AI Models:** Train generic AI models on your organization's unique data for bespoke applications
- **Industry-Specific Insights:** Integrate specialized knowledge bases and terminology for accuracy
- **Enhanced Results:** Deliver outputs tailored to your specific use cases, incorporating historical institutional knowledge



ZADARA EDGE CLOUD SERVICES

Completely Elastic

Pay By The Hour For What You Use



Locally Hosted, Low Latency and No Data Egress Fees

Significantly Better Options for Storage

Dedicated Drives, Auto Tiering, Patented VPSSA Architecture and 5-9's Availability SLA

AI Applications / AI Agents

DEEP LEARNING



LARGE LANGUAGE MODELS (LLM)



RETRIEVAL-AUGMENTED GENERATION (RAG)



IMAGE ANALYSIS AND GENERATION



zCompute Services

Virtual Compute Use with EC2 AWS Compatible APIs

ELASTIC COMPUTE/VMs



VPC OR VLAN NETWORKING



LOAD BALANCER



AUTOSCALING GROUPS



KUBERNETES



GPU



zStorage Services

Virtual Storage Array

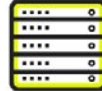
EBS VOLUMES



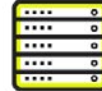
BLOCK



FILE



OBJECT



LOCAL & REMOTE BACKUPS AND MIRRORS



SECURITY & AUTONOMY

- **Maximum Protection:** Preserve all existing security protocols to ensure data safety
- **Data Isolation:** Keep data within secured networks with no uncontrolled external transmission
- **Flexible Deployment:** Support air-gapped and highly secure environments
- **Independent Data Ownership:** Ensure data is not subject to external regulations or cloud-operator oversight

Zadara Sovereign AI Edge Cloud is The platform of choice for Service Providers to deliver scalable infrastructure for AI and modern applications through distributed sovereign compute and data cloud services worldwide.

zadara

Fully managed cloud services: compute, networking, storage and more; designed for service providers and the modern enterprise.

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