



## **IBM Azure Vantage**

IBM Azure Vantage offers a suite of customizable, solutions tailored for U.S. Government agencies and their partners. These solutions enhance Microsoft's dedicated Gov cloud platform, exclusively by IBM Federal Consulting ensuring a secure and compliant IL5 environment for handling sensitive government data and workloads. The IBM solutions for Azure Gov Cloud include:

- **Hyperscalers / PES CSS (Platform Engineering Solutions for Hybrid Multi-Cloud workloads)**

Hyperscalers/PES CSS is a solution designed to manage and optimize workloads running in Azure Gov Cloud infrastructure. This solution focuses on automated platform engineering, ensuring that hybrid multi-cloud environments are efficiently managed and optimized for performance and cost. IBM's Hyperscalers/PES CSS solutions in Azure provides a secure and efficient way to manage hybrid multi-cloud workloads, offering an option for customers aiming to optimize their cloud operations.

- **IBM Platform Solution for Government with Red Hat OpenShift (IPS4GRO)**

IPS4GRO is a managed container platform for government use, offering fast, fully managed solutions. It supports generative AI with intelligent automation and insights. The platform quickly sets up secure Red Hat OpenShift infrastructure compliant with FedRAMP High and DISA IL5 standards, essential for federal agencies. IPS4GRO adapts to any hybrid multi-cloud setup, enhancing agility and scaling. It excels in data analysis and automation, speeding up Authorization to Operate (ATO) and lowering compliance burdens. Additionally, it provides secure workspaces for AI/ML innovation.

- **Artificial Intelligence for IT Operations (AIOps)**

AIOps uses AI and machine learning to automate IT operations, predicting and resolving issues efficiently. IBM's AIOps framework offers observability, anomaly detection, incident response, and event correlation, reducing downtime and increasing IT efficiency. It automates Site Reliability Engineering tasks for high availability and performance and integrates FinOps for cost optimization. IBM's AIOps meets FedRAMP High standards and works with Azure Solutions for enhanced Gov cloud management.

- **Cloud Management Platform (CMP)**

The Cloud Management Platform (CMP) centralizes control over diverse cloud environments through a single-pane-of-glass interface for federal agencies, aiding in building, managing, and decommissioning multi-cloud resources while ensuring compliance and providing resource visibility. CMP meets DISA DoD Impact Level 5 and FedRAMP High standards, simplifies multi-cloud management, monitors real-time spending to align with budget demands, and enhances operational agility through streamlined provisioning and automation. It also ensures continuity with backup, disaster recovery, and redundancy across clouds.



- **FinOps for Federal (CSMP)**

AI-driven operational transformation helps federal organizations excel in digital landscapes. It provides a unified financial view, combats cost inefficiency by identifying wasteful spending, and maintains financial discipline with real-time tracking and predictive budgeting across multi-cloud environments. Customizable automations in financial management and proactive expenditure management prevent unnecessary spending. IBM's FinOps strategy uses advanced analytics to predict outcomes and optimize costs, offering a full life cycle FinOps approach from guidance to anomaly detection and automated remediation. This solution includes custom dashboards and cost adapters beyond public clouds.

- **Application Managed Solutions (AMS)**

Application Managed Solutions (AMS) for Federal offer comprehensive solutions to maintain, enhance, and modernize applications and operations. AMS covers DevOps and continuous quality improvement, including Testing/Quality Management and Enhancements, using automation to cut costs and boost efficiency. It supports flexible engagement models to manage IT portfolios, delivering consistent, cost-effective maintenance for custom and enterprise apps on-premises or in the cloud. With automation and GenAI (AIOps) tools, AMS ensures rapid incident resolution. Leveraging IBM Garage, AMS integrates full-stack skills for seamless modernization, optimizing application management in Azure.

- **Migration & Modernization Accelerators Solutions**

Accelerator Migrations & Modernization to the cloud capable and cloud native solutions. Existing On prem and VMware investment migrated to RedHat OpenShift / AVS. Move to the cloud and modernize more efficiently while reducing risk, technical debt and lower total cost of ownership.

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