NUTANIX

Solution Brief

Get Infrastructure Out of The Way of the Mission

One secure platform engineered to run virtualized and containerized apps, data and AI workloads anywhere

Global Fleet Management

Army missions can span command posts, data centers, cloud regions, and vehicle-mounted servers, but the IT behind them rarely spans anything. Each environment may have its own infrastructure, tools, constructs, and security baselines. Every silo adds integrations to maintain, accreditation to renew, and specialists that units in the field don't have.

Nutanix provides global fleet management that unifies these supported environments under a single operating model.

Trusted by U.S. military service branches for over a decade, Nutanix delivers one software-defined platform for compute, storage, networking, virtualization, VDI, Kubernetes, and AI. The Army can run virtualized and containerized applications, AI workloads, and data wherever the mission demands, from the tactical edge and D-DIL environments to on-premises data centers and compliant clouds. One console for unified management of the entire fleet: deploy applications and enforce governance through self-service, automation, and policy-based controls.

One intuitive interface replaces multiple tools and skill sets, and workloads move between supported environments without refactoring or replatforming as mission requirements change. Automated lifecycle management helps to keep every supported environment current, secure, and compliant, even when disconnected, without a specialist on site.

Leverage Your Existing Investments

Nutanix builds on what the Army already owns. It runs on certified servers from leading OEMs, including rugged and tactical form factors, and supports existing Dell, NetApp, and Everpure storage arrays. Nutanix Unified Storage replaces separate file, object, and block systems with one platform and one skill set. Nutanix Database Service automates provisioning, patching, and recovery for SQL, NoSQL, and vector databases, so teams can stand up databases in minutes instead of weeks.

A Flexible Path From VMware Environments

Nutanix offers a proven migration path to Nutanix AHV, a hypervisor built into the Nutanix platform with no separate hypervisor license to buy. Nutanix Move migrates existing virtual machines to AHV with minimal disruption. Units not ready to switch can run AHV and VMware ESXi side by side under one management plane.

Cloud Migration

Nutanix provides a consistent software and management experience across supported on-premises, edge, colocation, and cloud environments. Workloads can move between them without application refactoring, including into IL5 environments through Nutanix Government Cloud Clusters on AWS GovCloud, all governed from one console.

Nutanix Market Leadership

- A Leader in the 2025 Gartner® Magic Quadrant™ for Distributed Hybrid Infrastructure[1]
- A Leader in the 2026 Gartner® Magic Quadrant™ for Server Virtualization Platforms[2]
- A Leader in The Forrester Wave™: Multicloud Container Platforms, Q3 2025[3]

Security Capabilities Designed to Support Accreditation

Nutanix provides integrated security capabilities designed to support customer security programs. Nutanix ships nearly pre-hardened to DISA STIGs, with automated drift correction that helps return configurations to baseline. Nutanix AOS, AHV, and Files Storage are listed on the DoD Information Network Approved Products List (DoDIN APL), having completed DISA cybersecurity and interoperability testing, which can shorten the path to an authority to operate. FIPS-validated cryptography, microsegmentation, and immutable snapshots with ransomware recovery extend that posture to the farthest forward node.

AI Governance

Army leaders want AI at every echelon, but inside a boundary they control. Nutanix Enterprise AI runs on the same platform as every other workload, so governance, security, and management are unified rather than duplicated. No single model will meet every need, and today's best choice may not be next year's. Without a common layer, each team ends up managing its own models, updates, and policies, while token consumption can climb unchecked.

The Nutanix Agent Gateway puts one control point across open-source, commercial, and private models, wherever they are deployed. Access, usage, and policy are governed consistently, with the observability and audit trail leaders need and unified cost metrics that make budgets predictable. Flexibility follows: change providers once, at the common control level, instead of user by user. Secure MCP access lets agents reach private data without it leaving the boundary, whether on premises, air-gapped, or at the edge.

One Operating Model, from Command Post to Tactical Edge

With Nutanix, the question changes from "how do we keep every environment running and accredited?" to "what capability can we put in the warfighter's hands next?" Modernization becomes incremental rather than disruptive, and the operating model that runs a data center can run a command post. Nutanix is available through GSA, NASA SEWP, and the DoD ESI BPA, so units can acquire it through vehicles they already use.

Learn more at www.nutanix.com/federal, or test drive the platform at www.nutanix.com/one-platform.

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info@nutanix.com | www.nutanix.com | @nutanix

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Sources:

1. Gartner, Inc., Magic Quadrant for Distributed Hybrid Infrastructure, Julia Palmer, Jeffrey Hewitt, Dennis Smith, Tony Harvey, Elaine Zhang, September 8, 2025)
2. Gartner, Inc. 2026 Gartner® Magic Quadrant™ for Server Virtualization Platforms; Tony Harvey, Daniel Bowers, Paul Delory, Tony Iams, Owen Marino , September 14, 2026).
3. Forrester Inc. The Forrester Wave™: Multicloud Container Platforms, Q3 2025.