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Next-Generation Data Protection for the Modern Navy: Veeam at the Tactical Edge

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Abstract:

As the Navy advances toward a fully modernized, cyber-resilient digital force, the reliability and recoverability of data across shore commands, afloat networks, and expeditionary environments become central to mission readiness. Veeam Software delivers a comprehensive data protection and recovery platform engineered to withstand contested, bandwidth-constrained, and highly regulated environments. With a proven software-defined architecture, Veeam ensures that naval forces retain continuous access to trusted information—supporting operational continuity, strengthening cyber defense, and empowering the warfighter with confidence that critical systems are always protected, even in the harshest maritime conditions.

Key Points:

- **Operational Resilience with Veeam Software:** Veeam delivers fast, reliable, and verifiable recovery of essential Navy systems, ensuring continuity of operations during cyber events, hardware failures, or operational disruptions.
- **Purpose-Built for Afloat and Disconnected Operations:** Veeam’s lightweight architecture and flexible deployment options support ships, submarines, and forward-deployed units operating with intermittent connectivity or air-gapped constraints.
- **Supporting the Warfighter at Every Stage:** By protecting command-and-control, intelligence, logistics, and mission-planning data, Veeam ensures that sailors and warfighters have access to accurate, uncompromised information when it matters most.
- **Aligned with DoD Cyber Mandates:** Veeam’s immutability, MFA, anomaly detection, and policy-driven controls enhance defensive cyber operations and align with DoD Zero-Trust and cybersecurity requirements.

- Unified Data Protection Across All Domains: Veeam provides consistent, enterprise-grade protection across virtualized, physical, cloud, and tactical-edge workloads, giving the Navy a single, resilient backbone for data assurance across multi-domain operations.

