



OAKWOOD

Powering Transformation. *Together.*

HPC ON AZURE

Azure, Microsoft's cloud computing platform, offers a comprehensive suite of services tailored for high-performance computing (HPC) applications. These services empower businesses, researchers, and developers to run compute-intensive workloads on-demand, without the overhead of managing physical infrastructure.

With Azure's HPC services, enterprises can harness the power of high-performance computing in a flexible, scalable, and secure environment. Whether it's for research, simulations, data analysis, or any other compute-intensive task, Azure has the right tools and infrastructure to drive innovation and results.

ABOUT

Oakwood Systems Group, Inc. stands at the forefront of High-Performance Computing (HPC) on Azure, committed to powering transformative computational solutions that drive the next wave of innovation. Over the years, our deep-rooted expertise in Azure's infrastructure has positioned us as the go-to authority for businesses seeking to harness the full spectrum of HPC capabilities available on the Azure platform.

Our seasoned team of professionals brings together a unique blend of technical prowess, industry insights, and a genuine passion for pushing the boundaries of what's possible with Azure HPC. This allows us to craft solutions tailored to the specific needs of each enterprise, ensuring optimized performance, scalability, and cost efficiency.

Beyond mere implementation, we pride ourselves on offering a holistic HPC approach. From meticulous planning and strategy development to seamless deployment, and from rigorous optimization to continuous post-implementation support, our end-to-end services ensure that our clients' HPC endeavors are always aligned with industry best practices and poised for success.

HPC ON AZURE: *MIGRATION ASSESSMENT*

OAKWOOD HPC ENGAGEMENT

DELIVERABLES

- **Assessment Report:** Detailing current state analysis, compatibility checks, cost benefit analysis, and recommendations
- **Presentation:** A slide deck summarizing the assessment's key findings, suitable for stakeholder meetings or executive reviews
- **Roadmap:** A visual representation or timeline suggesting a path from the current state to a potential Azure HPC Implementation



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Oakwood's HPC on Azure Assessment engagement provides a thorough evaluation of an organization's current computational infrastructure, workflows, and objectives. With deep insights garnered from the evaluation, Oakwood's HPC Team can then tailor Azure HPC solutions to meet specific operational needs, ensuring optimized performance, scalability, and cost efficiency. Such a targeted approach eliminates the trial and error that can plague cloud transitions, translating into significant time and cost savings.

This assessment is more than just a technical evaluation; it serves as the foundation of a strategic partnership that paves the way for technological excellence, operational agility, and sustained business growth.

WHAT TO EXPECT:

- Azure HPC Compatibility Check
- Cost Benefit Analysis: Tentative Cost Estimates
- Security & Compliance Overview: Discuss Azure Security and Compliance Certifications
- Preliminary Migration Strategy: High-Level Roadmap to Transitioning to Azure
- Next Steps & Recommendation



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