

NUTANIX DEDICATED CLOUD

A NEW FLAVOR: NUTANIX

LightEdge Nutanix Dedicated Cloud offers a single-tenant cloud solution tailored for businesses that require dedicated resources, exceptional performance, and enhanced security. Designed on Nutanix's hyperconverged infrastructure, this solution provides compute, memory, and storage dedicated solely to your workloads, eliminating the noisy-neighbor effect and ensuring reliable performance. Like with all our products in the LightEdge Cloud suite, we offer integration with fully managed services and 24/7 access to our support team as a path to fully managed infrastructure.

WHY CHOOSE NUTANIX DEDICATED CLOUD?

-  **ENHANCED SECURITY**
Isolated resources enhance security and compliance, protecting sensitive data.
-  **SCALABILITY**
Easily scalable infrastructure grows with your business needs, offering flexibility in node scaling, storage type or density, processor types, and can even add GPUs for AI/ML workloads.
-  **OPERATIONAL EFFICIENCY**
Fully managed service reduces the operational burden, allowing your IT team to focus on strategic initiatives.
-  **HIGH PERFORMANCE**
Nutanix's HCI enables robust performance and high availability, able to support even the most intense applications such as AI/ML workloads.
-  **COMPREHENSIVE DISASTER RECOVERY**
Built-in disaster recovery capabilities ensure data protection and business continuity with synchronous and asynchronous replication options, automated HA failover, and robust security measures.

KEY FEATURES & BENEFITS

-  **DEDICATED RESOURCES**
Feature: Fully dedicated compute, memory, and storage.
Benefit: Eliminate resource contention, ensuring consistent performance.
-  **ENHANCED SECURITY**
Feature: Isolated infrastructure.
Benefit: Protect sensitive data, aiding in compliance with industry standards.
-  **SCALABILITY & FLEXIBILITY**
Feature: Highly configurable nodes and scalable infrastructure.
Benefit: Adapts to changing business needs, supporting various workloads and expansion.
-  **OPERATIONAL EFFICIENCY**
Feature: Fully managed service with support.
Benefit: Reduces IT burden, allowing focus on business growth.

KEY USE CASES

-  **HIGH-PERFORMANCE APPLICATIONS**
Scenario: Enterprises running applications that require consistent high performance.
Benefit: Provides dedicated resources, optimized for specific demands.
-  **REGULATORY COMPLIANCE**
Scenario: Businesses in finance, healthcare, or government sectors needing to comply with strict standards.
Benefit: Ensures data and workloads run on dedicated resources in a chosen LightEdge data center, meeting regulatory requirements.
-  **MODERNIZE INFRASTRUCTURE WITHOUT REFACTORIZING**
Scenario: Organizations aiming to update their IT infrastructure without altering legacy applications.
Benefit: Offers a customizable solution with modern cloud management capabilities.
-  **STORAGE-INTENSIVE WORKLOADS**
Scenario: Organizations needing consistent storage performance and capacity planning.
Benefit: Built with high-performance storage, ensuring predictable utilization and capacity management.
-  **SECURE DISASTER RECOVERY**
Scenario: Companies needing a secure, isolated environment for data backup and disaster recovery.
Benefit: Provides a safe space for backups and quick restoration during a DR scenario.