



# Intel Offers Clear Linux OS for Intel Architecture on the Microsoft Azure Cloud Platform to Optimize Power, Performance Across the Operating System

## MICROSOFT AZURE SOLUTION BUILDER PROFILE: INTEL CORPORATION

The Clear Linux OS for Intel Architecture is a distribution built for various cloud use cases. We want to showcase the best of Intel Architecture technology and performance, from low-level kernel features to complex applications spanning across the entire OS stack. We put emphasis on power and performance optimizations throughout the operating system.

### WHAT WE OFFER



The Clear Linux Project for Intel Architecture is a distribution built for the cloud. We provide a basic image that is fast, customizable, and quick to reboot. This image is ideal for setting up microservices or web applications.



Clear Linux is stateless, enabling users to quickly revert to the factory default state. With distribution and administrator-defined data kept separate, the system is quickly and easily customizable for specific functions.



Companies in virtually every industry are using machine learning to help manage the explosive growth of data. We have preconfigured an image with popular open source tools tuned for developing machine learning applications.



Containers provide a portable, developer-friendly architecture that can be used to accelerate software development, release, and delivery. Our container offering comes with Docker container runtime installed so you hit the ground running.

### WHAT OUR CUSTOMERS ARE SAYING

“Our team is delighted to have worked with Intel the start of this project and to bring Clear Linux to the Azure Marketplace and to our customers as a result of that collaboration.” – Dr. K. Y. Srinivasan, Partner Architect, Enterprise Open Source Group

### LEARN MORE

Visit the Clear Linux project page at [clearlinux.com](http://clearlinux.com) to learn more about the project and how to get started.

# Microsoft Azure

Microsoft Azure is an open and flexible cloud platform that enables you to quickly build, deploy, scale, and manage applications across a global network of Microsoft data centers. You can build applications using multiple languages, tools, and frameworks.



## KEY USE CASES

### WEB APPLICATIONS

Build anything from lightweight websites to multi-tier cloud services that scale up as your traffic grows.

### CLOUD STORAGE

Rely on geo-redundant cloud storage for backup, archiving, and disaster recovery.

### BIG DATA & HPC

Get actionable insights from your data by taking advantage of a fully compatible enterprise-ready Hadoop service.

### MOBILE

Accelerate your mobile app development by using a backend hosted on Microsoft Azure. Scale instantly as your install base grows.

### MEDIA

Create, manage, and distribute media in the cloud – everything from encoding to content protection to streaming and analytics support.

### FLEXIBLE APPLICATION MODEL

Microsoft Azure provides a rich set of application services, including SDKs, caching, messaging, and identity. You can write applications in .NET, PHP, Java, node.js, Python, Ruby, or using open REST protocols. This is all part of Microsoft's promise to let you build using any language, tool, or framework.

### ALWAYS ON, ALWAYS HERE

Build resilient applications with automatic operating system and service updating, built-in network load balancing, and geo-redundant storage. Microsoft Azure also proudly delivers a 99.95% monthly SLA. You can rely on decades of experience in data center operations and trust that everything Microsoft Azure offers is backed by industry certifications for security and compliance.

### DATA CENTER WITHOUT BOUNDARIES

Microsoft Azure makes it easy for you to integrate your on-premises IT environment with the public cloud. Migrate your virtual machines to Microsoft Azure without the need to convert them to a different format. Use the robust messaging and networking capabilities in Microsoft Azure to deliver hybrid solutions, and then manage your hybrid applications from a single console with Microsoft System Center.

### GLOBAL REACH

With data centers around the globe, a massive investment in data center innovation, and a worldwide Content Delivery Network, you can build applications that provide the best experience for users, wherever they are.

**Learn more:** [www.microsoftazure.com](http://www.microsoftazure.com)

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