

IBM LinuxONE

The Open Technology Environment

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z Systems Growth Initiatives & Linux



A large colony of King penguins, characterized by their grey-blue backs, white chests, and distinctive yellow and orange markings on their heads and necks. They are densely packed together, filling the entire frame.

Linux is

EVERYWHERE

Driving an

OPEN REVOLUTION

A close-up photograph of a person's hand touching a digital screen. The screen displays a complex financial or data visualization with multiple glowing lines in blue, red, and green, and various data points. The lighting is dramatic, with strong highlights on the hand and the screen, set against a dark background. The overall mood is technological and futuristic.

The mobile economy is a
GLOBAL DISRUPTIVE FORCE

The background features a repeating pattern of Tux penguins in shades of blue and purple. A vertical logo for 'zsystems' is positioned in the center. The text is overlaid on this background.

Time for the next **OPEN BREAKTHROUGH**

The best of
Linux and open

The best of
Enterprise computing

A path built on **PROVEN TECHNOLOGY**

15
Years

45%
10 year CAGR

80%
of top 100

27%
of capacity

40%
of all clients

z Systems



Taking **Linux on z** to new heights

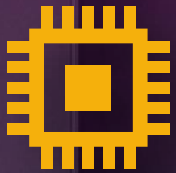
- Unprecedented performance
- Unmatched security and resiliency
- New solution offerings
- New open source technologies
- Expanded ecosystem
- New elastic pricing



Linux Without Limits



The world's
fastest processor



Massive I/O
throughput



Large memory
pools with
4 levels of Cache



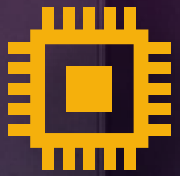
2X better performance
for open SQL/NoSQL
databases

8,000 virtual servers
and tens of thousands
of containers

Linux Without Risk



IT analytics
to avoid future outages



**Dedicated
cryptographic
processors**



**28x improved
performance**
over standard secure-
key technology

Designed to provide
100% uptime for
decades

Designed for the

DIGITAL ECONOMY



Mobile



Analytics



Cloud



DevOps

Greater flexibility and choice

Distributions	Hypervisors	Languages	Runtimes	Management	Database	Analytics
 Supported by Canonical 	 	python™ Ruby R ERLANG Scala Clojure JS OCaml Java	nodeJS RAILS ZF OpenJDK 	docker CHEF openstack vmware vRealize Cloud Manager urban{code} puppet labs	MariaDB mongoDB PostgreSQL cassandra CouchDB relax ORACLE Diamond Partner DB2	Spark hadoop IBM InfoSphere BigInsights BLU Acceleration



**OPEN
MAINFRAME**
PROJECT



THE
LINUX
FOUNDATION



IBM



SUSE



ca
technologies



MARIST



University of
Bedfordshire



Compuware



bmc



RSM
PARTNERS



VICOM **Infinity**



L3C



ADP Inc.

A photograph showing the silhouettes of several business professionals in a modern office setting. They are standing in front of a large glass window that offers a view of a city skyline at dusk or dawn. The sun is low on the horizon, creating a warm, golden glow and casting long, dark shadows of the people onto the floor. The office interior is dimly lit, with the primary light source being the natural light from the window. The overall mood is professional and collaborative.

COMMUNITY CONTRIBUTIONS

IT Predictive Analytics

Introducing



IBM **LinuxONE**

**A portfolio of hardware,
software and services for an
enterprise grade Linux
operating environment**



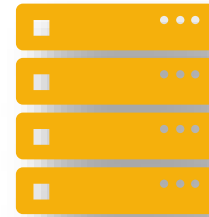
IBM **LinuxONE** Emperor™

IBM **LinuxONE** Rockhopper™

New Elastic Pricing



New **elastic pricing** for
All IBM Linux Software



Rental model for HW and SW with
no **up front payment** required

Open Access

IBM LinuxONE COMMUNITY CLOUD



ISV



**Developers
Students**



Clients



IBM z Systems

Taking Linux to
NEW HEIGHTS