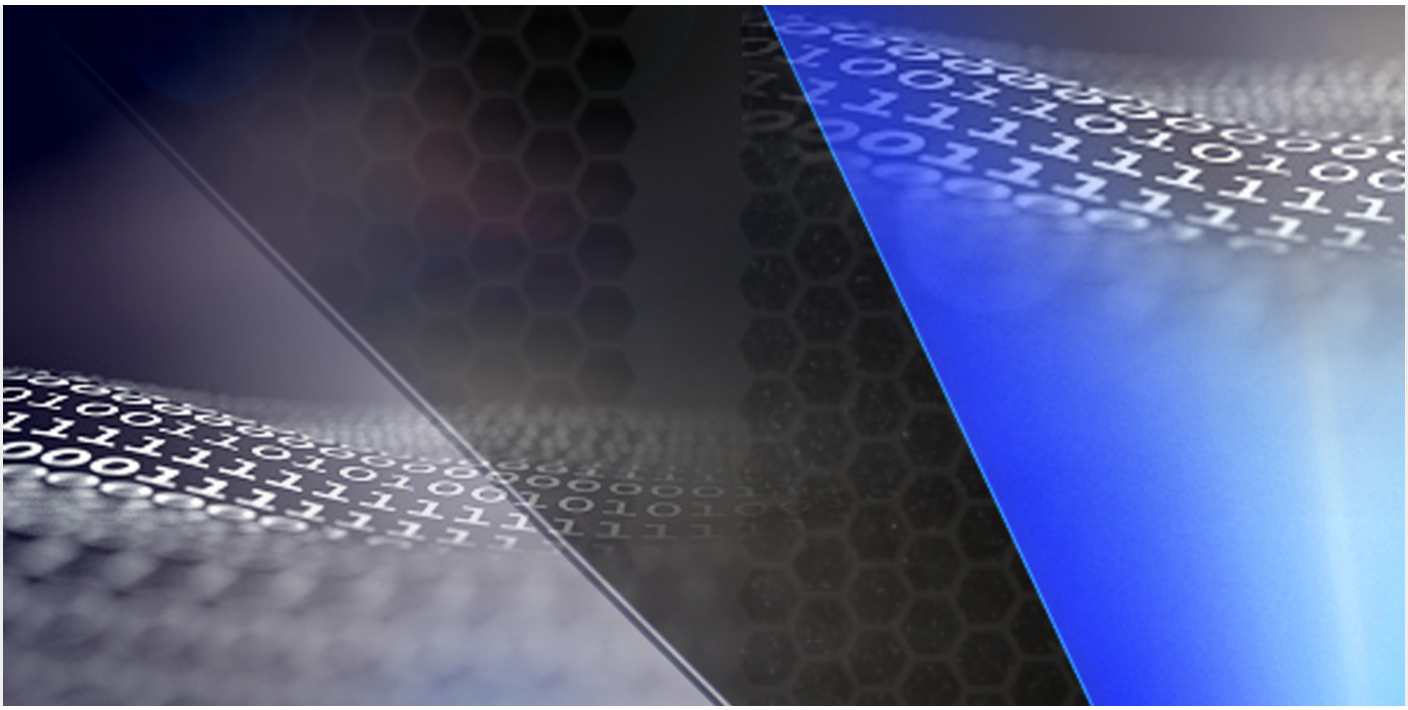
BMC BRINGS BMC AMI SOLUTIONS TO NEW IBM Z16 AND LINUXONE 4 SINGLE FRAME AND RACK MOUNT MODELS



We are excited to collaborate with IBM as the company unveils its new IBM z16 and LinuxONE 4 single frame and rack mount models available globally on May 17, 2023. Powered by the IBM Telum processor, these new configurations are designed for highly efficient data centers with sustainability in mind. This can help BMC clients make more effective use of their data center space while remaining resilient in the midst of ongoing global uncertainty.

As the IBM z16 single frame and rack mount models bring the strength of accelerated AI to more small and mid-size mainframe shops, organizations increasing their focus on modernization will see exciting new opportunities. BMC Automated Mainframe Intelligence (AMI) solutions are perfectly suited to help them take advantage of these opportunities to grow and build workloads as they modernize and expand on the platform.

BMC AMI DevX application development solutions empower developers with unfettered innovation, helping organizations satisfy customers and grow their customer base, while the AI-enhanced monitoring capabilities and scalability of BMC AMI Ops enables organizations to detect and resolve issues faster, even as workloads increase.

These growing workloads and faster, more agile development, of course, bring a higher volume of data. With BMC AMI Data, organizations can automate and more easily manage this data, while gaining new AI-powered insights. And BMC AMI Security ensures that this business-critical data is not compromised, hardening the mainframe with automated protection, detection, and response to security threats and utilizing the power of AI for enhanced fraud detection.

Addressing today's changing IT landscape

Every day, clients face challenges in delivering integrated digital services. According to IBM's recent IBM Transformation Index report, security, managing complex environments, and regulatory compliance were cited as challenges to integrating workloads in a hybrid cloud. In today's evolving IT landscape, it can be difficult for clients to meet business objectives while adhering to environmental regulations and increasing costs.

The new rack mount option is designed with the same reliability standards as all IBM z16 and LinuxONE systems and is for client-owned data center racks and power distribution units. This footprint is architected to let companies co-locate the latest z16 and LinuxONE 4 technology with distributed infrastructure and opens opportunities to include storage, SAN, and switches in one frame, designed to optimize both data center planning and latency for specific computing projects. Installing these systems in the data center can help create a new class of use cases, including data center design, optimized edge computing, and data sovereignty for regulated industries.

Securing data on a highly available system

According to IBM's Cost of a Data Breach report, conducted independently by Ponemon Institute, and sponsored, analyzed and published by IBM Security, surveyed organizations with a hybrid cloud model had lower average data breach costs, about $3.8 million, compared to public or private cloud models. IBM z16 and LinuxONE 4 systems help support a secured, available hybrid IT environment critical to customer outcomes for essential industries like healthcare, financial services, government, and insurance.

More sophisticated cyber threats require new standards of protection. IBM z16 and LinuxONE 4 provide high levels of resiliency offering support for mission-critical workloads. These high availability levels help end users maintain access to data from their bank accounts, medical records, and other personal information whenever they need it. IBM z16 and LinuxONE 4 single frame and rack mount systems offer a broad range of security capabilities, including confidential computing, centralized key management, and quantum-safe cryptography.

Optimizing flexibility and sustainability

IBM z16 and LinuxONE 4 single frame models are built to help maximize flexibility and sustainability in data centers. With a new partition-level power monitoring capability and additional environmental metrics, these single frame systems are dedicated to helping clients reach their sustainability goals, reducing data center space and energy consumption. These key advantages distinguish the platforms for sustainability in the data center, especially when consolidating workloads from x86 servers.

As a part of the IBM Ecosystem, BMC is helping companies unlock the value of their infrastructure investments by implementing the tools and technologies designed to help them succeed in a hybrid cloud world. We are excited to be working closely with the IBM Ecosystem to bring new innovations to our clients.

Additional information:

- Read IBM's press release
- Learn more about BMC
- Learn more about IBM z16 and LinuxONE 4