IBM Z

BASE24-eps on IBM z17

More at the core

A secured, scalable, and fault-tolerant solution that offers advanced reliability and availability

Designed to enable financial institutions to maximize performance and flexibility, and modernize efficiently

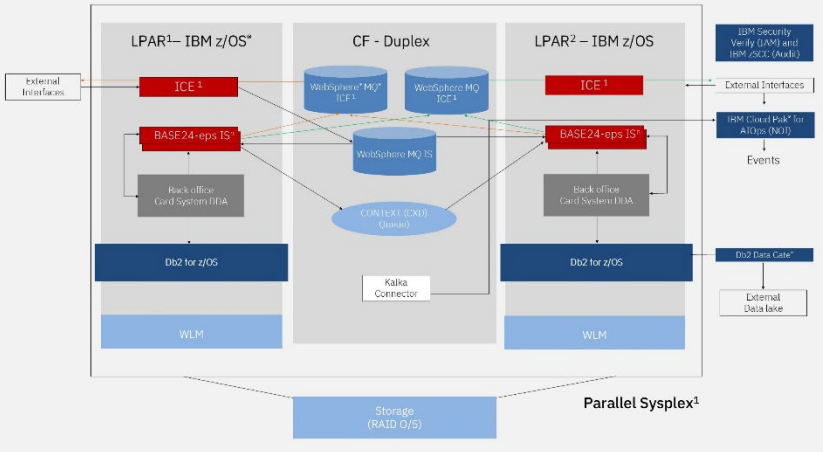
Challenges facing the payments industry:

- Need to adapt to changing consumer behaviors
- Keep up with emerging threats and prevent fraud
- High infrastructure cost and cost of operating business
- Compliance readiness and platform optimization

BASE24-eps on IBM Z® is built to:

- Run critical workloads with low latency and near-zero downtime, enabling constant flow of transactions, channels, and technologies using a single payment processing engine
- Protect sensitive financial data with enterprise-grade confidentiality and quantum-safe encryption
- Reduce infrastructure costs and maximize system efficiency as BASE24-eps aligns with IBM Z/ Db2® workloads
- Offer full support for partitioning, enabling seamless management of testing, development, and production environments, facilitating a smooth transition to new 64-bit BASE24-eps release while minimizing disruptions

In response to growing client demand, ACI and IBM are introducing 64-bit BASE24-eps on IBM z17™. This updated solution is designed to help financial institutions achieve significant data center cost savings while enhancing enterprise-grade security and resilience. With sustainability and energy efficiency becoming top priorities, IBM Z is increasingly featured in client roadmap as a strategic platform for long-term modernization.



One of multiple deployment configurations for high availability

BASE24-eps on IBM Z is designed to provide:

High-transaction volume and low-latency

Handle card, mobile and online transactions at very high transaction volumes making it suitable for large financial institutions that require scalable solutions to accommodate growth

Achieve advanced performance for transactional workloads built to enable faster processing times and improved efficiency across critical business applications

AI-powered innovation to fuel business growth

Effortlessly scale AI capabilities built to accommodate changing business needs without disruption. This adaptability is designed to help organizations extend their AI initiatives smoothly as required

Leverage built-in AI capabilities to automate repetitive tasks, allowing employees to focus on higher-value work

Scalable, sustainable and secured platform

Advanced security features, including tokenization, PCI encryption, and fraud detection mechanisms are engineered to protect sensitive financial data, help secure transactions and mitigate risks related to breaches and fraud. The software prioritizes various regulatory requirements, designed to help financial institutions meet industry standards and avoid compliance issues

With integrated encryption, secure cryptographic processors, and quantum-safe technology, IBM z17 is engineered to safeguard critical workloads and prioritizes compliance with stringent regulations

IBM z17 is designed to reduce power consumption, weight, and footprint compared to previous generations while increasing overall compute and capacity

Experience uninterrupted operations on IBM z17 with 99.999999% availability equivalent to 315 ms of downtime per year[1]

What's new:

ACI Connetic® for cards will be container-based and available on IBM Z and IBM® LinuxONE supported by Red Hat® OpenShift®. Starting now with IBM Z can help you establish a scalable, enterprise-grade foundation for future modernization.

About ACI and IBM collaboration:

ACI Worldwide, an original innovator in global payments technology, delivers transformative software solutions that power intelligent payments orchestration in real time so banks, billers, and merchants can drive growth, while continuously modernizing their payment infrastructures, simply and securely.

ACI and IBM have worked together since the mid-1980s providing highly reliable and full-function applications for transaction processing, transaction settlement, and card management for multiple Tier 1 clients in Europe, North America and Asia Pacific.

Call to action:

Schedule a discovery workshop
or contact IBM sales representative/
IBM Business Partner

Contact IBM team:

Ajit Singh: Business Development Manager
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[1]For clients running z/OS v3.1 or higher with a configured high availability IBM software stack on IBM z16 or IBM z17, users can expect up to 99.999999% availability or 315.58 milliseconds of downtime per year when using a GDPS 4.7 Continuous Availability (CA) configuration and workloads.

DISCLAIMER: The claim is based on IBM internal data and a GDPS CA three-site configuration, 2 active Sysplex sites and 1 Disaster Recovery (DR) site, consisting of z/OS 3.1 or higher with a Recovery Time objective (RTO) of 2 minutes or less, one of the required GDPS CA IBM middleware stack workloads and replication products running on IBM z16 or IBM z17.

GDPS CA includes resiliency features such as Parallel Sysplex enabled data sharing applications, GDPS Metro Mirror replication (Hyperswap), software replication, and other CA configuration documented high availability features. A supported GDPS CA middleware stack could include CICS v6.2, IMS v15.5, MQ v9.4, and Db2 v13 or at later releases. Clients must follow maintenance, configuration, capacity planning and testing best practices for the entire software stack and hardware configuration. This includes enabling all the resiliency technology for their workloads as defined by GDPS CA, z/OS, and workload related software products. Other configurations may have different availability characteristics.