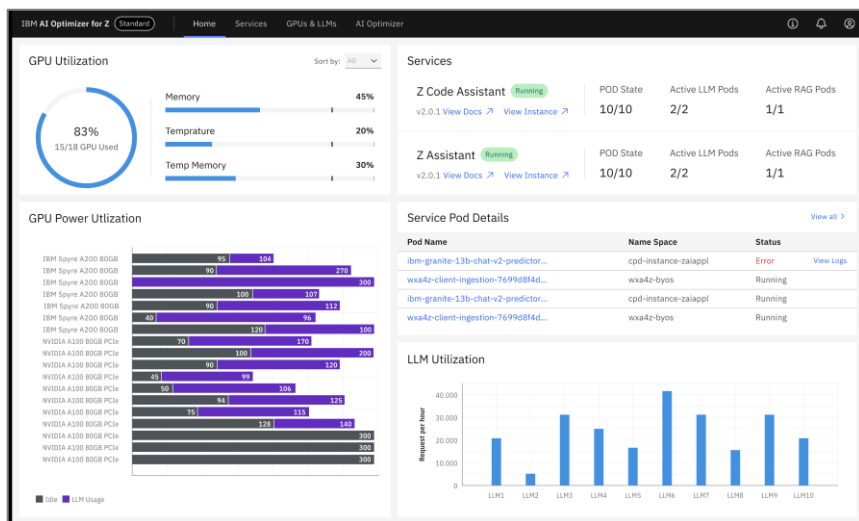# Simplify and accelerate deploying generative AI workloads for IBM Z

IBM AI Optimizer is a fit-for-purpose software program designed to enable IBM Z clients to simply and quickly adopt generative AI workloads

The IBM AI Optimizer for Z coordinates and automates the software installation of watsonx Assistant for Z and watsonx Code Assistant for Z. Coordinating installation reduces library duplication and complexity and reduces time and effort. The installation process also installs, configures and validates the key inferencing infrastructure necessary to meet current and future generative AI needs. With AI Optimizer for Z you can determine whether inferencing capacity is up and running and available for inferencing and understand resource utilization history.

Accelerate and simplify the deployment of generative AI workloads on IBM Z with IBM AI Optimizer for Z - designed to save time, effort and cost

Leveraging generative AI workloads on-premises usually requires a significant number of resources and skills in hardware and infrastructure management, continuous data integration, software layer integration, networking, platform management, and support. This makes the deployment of these technologies difficult and time-consuming, and some organizations face challenges in efficiently managing the infrastructure while ensuring there is no impact to organizational and application performance.

Key Highlights of Essentials Edition

- Consolidated and automated installation and configuration of:
    - IBM watsonx Code Assistant for Z
    - IBM watsonx Assistant for Z
- Automation, configuration and validation of inferencing infrastructure
- Product health monitoring dashboard

[Read the announcement letter →]

"Our lead SMEs in Technology Expert Labs (TEL) have tested the AI Optimizer for Z on an IBM internal reference environment and, in the context of IBM watsonx Assistant for Z implementation services, they achieved a 25% productivity gain when installing its components with an on-premises x86 deployment model. It simplifies building the IBM watsonx Assistant for Z stack, thanks to a proven certified and tested automation playbook, and it maximizes the time to value of the solution deployment".

IBM