

Red Hat AI/ML or GCP AI/ML

Where can you deploy AI: Red Hat vs GCP

	Baremetal on-prem	SaaS	AWS	Azure	OpenShift Dedicated/GCP	Edge	ARM	IBM Power, Z
RHOAI	✓	IBM Cloud with ✓ Watson X	✓ ROSA	✓ ARO	✓	✓	H2 2025	✗
GCP	✓	✓	✗	✗	✓	✓	✗	✗

GCP AI offerings and Red Hat

Google ML offering	Red Hat approximate
Vertex AI Platform - A single platform for data scientists and engineers to create, train, test, monitor, tune, and deploy ML and AI models. Choose from over 150 models in Vertex's Model Garden, including Gemini and open source models like Stable Diffusion, BERT, T-5.	RHOIA
Vertex AI Notebooks - Choose from Colab Enterprise or Vertex AI Workbench. Access every capability in Vertex AI Platform to work across the entire data science workflow—from data exploration to prototype to production.	RHOIA Workbench, Podman AI
AutoML - Train high-quality custom machine learning models with minimal effort and machine learning expertise.	RHOIA / RHEL AI



Google Speech/Text offering	Red Hat approximate
Natural Language AI - Derive insights from unstructured text using Google machine learning.	Nothing Out Of The Box (OOTB). Customers can write an AI application and serve it on OpenShift AI to accomplish this.
Speech-to-Text - Accurately convert speech into text using an API powered by Google's AI technologies.	Nothing Out Of The Box (OOTB). Customers can write an AI application and serve it on OpenShift AI to accomplish this.
Text-to-Speech - Convert text into natural-sounding speech using a Google AI powered API.	Nothing Out Of The Box (OOTB). Customers can write an AI application and serve it on OpenShift AI to accomplish this.
Translation AI - Make your content and apps multilingual with fast, dynamic machine translation.	Nothing Out Of The Box (OOTB). Customers can write an AI application and serve it on OpenShift AI to accomplish this.
Vision AI - Derive insights from your images in the cloud or at the edge with AutoML Vision or use pre-trained Vision API models to detect objects, understand text, and more.	Nothing Out Of The Box (OOTB). Customers can write an AI application and serve it on OpenShift AI to accomplish this.
Video AI - Enable powerful content discovery and engaging video experiences.	Nothing Out Of The Box (OOTB). Customers can write an AI application and serve it on OpenShift AI to accomplish this.
Document AI - Document AI includes pre-trained models for data extraction, Document AI Workbench to create new custom models or uptrain existing ones, and Document AI Warehouse to search and store documents.	Nothing Out Of The Box (OOTB). Customers can write an AI application and serve it on OpenShift AI to accomplish this.
conversational AI - Conversational Agents (Dialogflow) - Conversational AI platform with both intent-based and generative AI LLM capabilities for building natural, rich conversational experiences into mobile and web applications, smart devices, bots, interactive voice response systems, popular messaging platforms, and more. Features a visual builder to create, build, and manage virtual agents.	Nothing Out Of The Box (OOTB). Customers can write an AI application and serve it on OpenShift AI to accomplish this.
Customer Engagement Suite with Google AI - Delight customers with an end-to-end application that combines our most advanced conversational AI, with multimodal and omnichannel functionality to deliver exceptional customer experiences at every touchpoint.	Nothing Out Of The Box (OOTB). Customers can write an AI application and serve it on OpenShift AI to accomplish this.
Gemini Code Assist - Gemini Code Assist offers code recommendations in real time, suggests full function and code blocks, and identifies vulnerabilities and errors in the code—while suggesting fixes. Assistance can be accessed via a chat interface, Cloud Shell Editor, or Cloud Code IDE extensions for VSCode and JetBrains IDEs.	Nothing Out Of The Box (OOTB). Customers can write an AI application and serve it on OpenShift AI to accomplish this.

