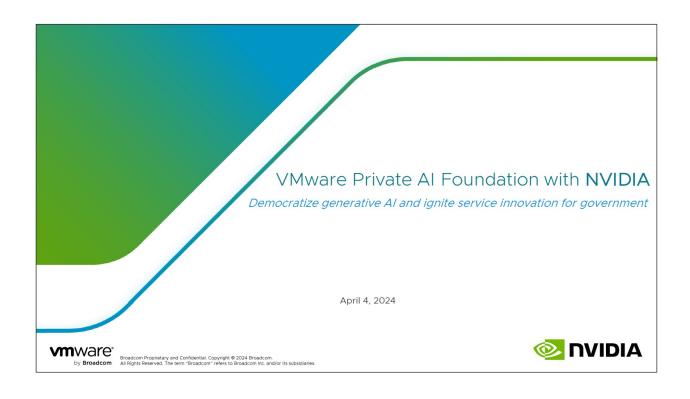


VMware Private Al Foundation with NVIDIA



VMware Private AI Foundation with NVIDIA

Democratize generative AI and ignite service innovation for government

April 4, 2024





Agenda

- Introduction NVIDIA and VMware by Broadcom
- Demystifying Generative Al
- Use Cases and Perspective
- Solution Overview VMware Private Al Foundation with NVIDIA
- Q&A

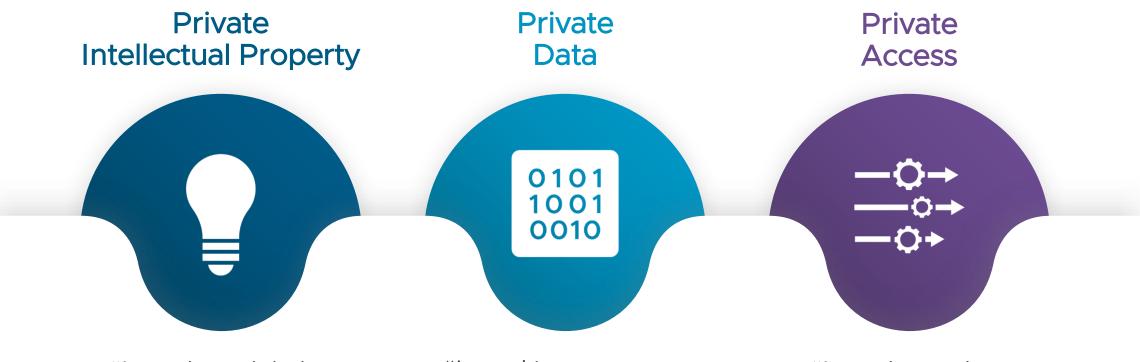


Key Enterprise Challenges



Core Challenge

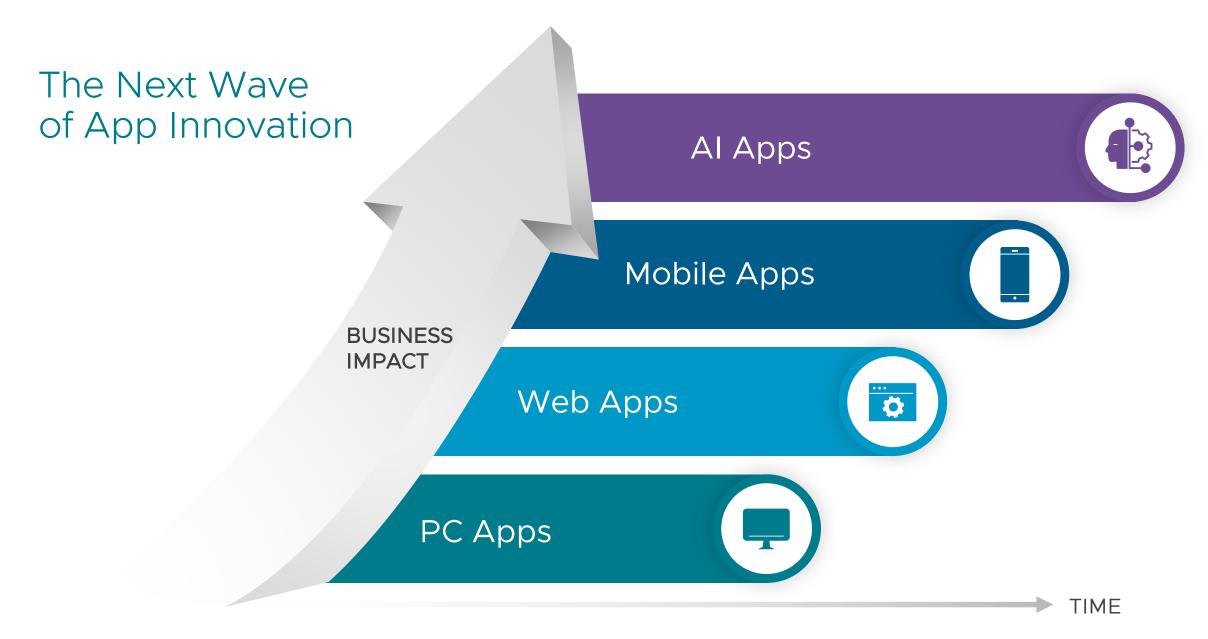
Privacy



"I need to minimize my intellectualproperty risk." "I need to ensure my private data will never be shared externally."

"I need complete control over access to my AI models."







Impact of Generative AI in the Enterprise

PREDICTIVE AI



Data Scientists





Predictive Analytics



SPECIALIZED AI MODEL

GENERATIVE AI







Supply Chain



Sales





Customer Operations



Research and Development



Legal





Manufacturing



Procurement





Finance



NATURAL LANGUAGE INTERACTION

APIs





LARGE LANGUAGE MODELS







ANNOUNCED 2023

VMware Private Al

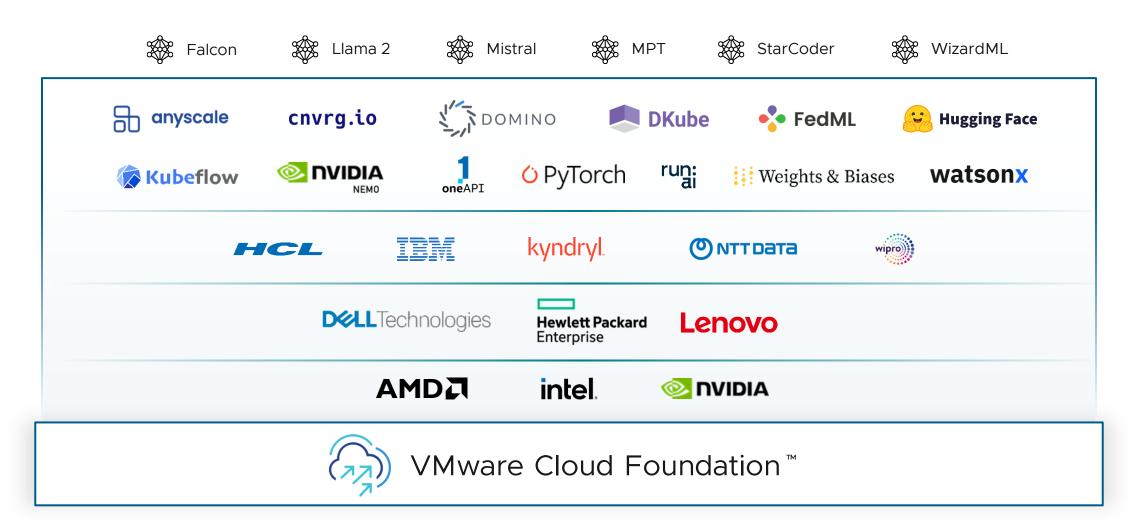
Democratize generative AI and ignite service innovation for Government

An architectural approach that balances the innovation gains from AI with the privacy and compliance needs of government.





VMware Private Al Open Ecosystem







INTRODUCING

VMware Private Al Foundation with NVIDIA

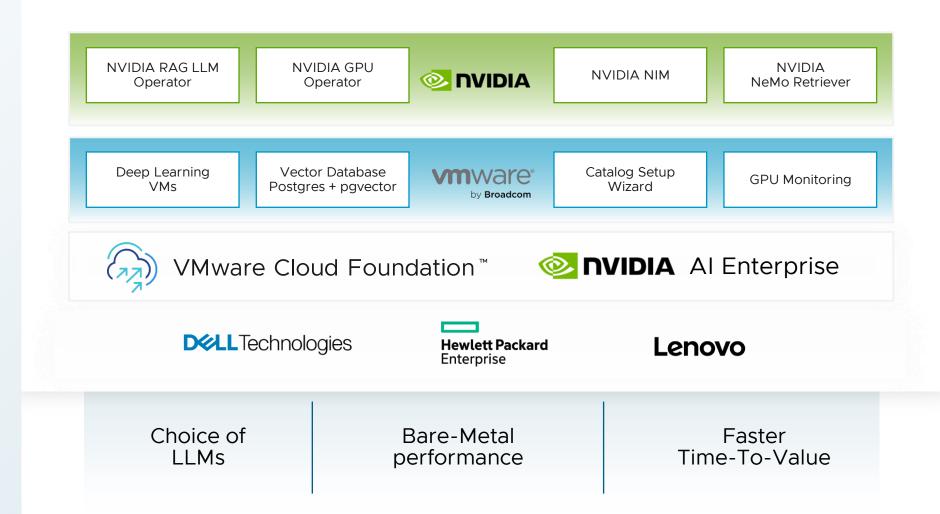


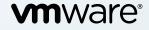


INTRODUCING

VMware Private Al Foundation with NVIDIA

Joint Gen Al Platform: **Initially Available**







AVAILABLE NOW

VMware + NVIDIA AI-Ready Enterprise Platform













Text Recognition

Process Automation

Conversational Al

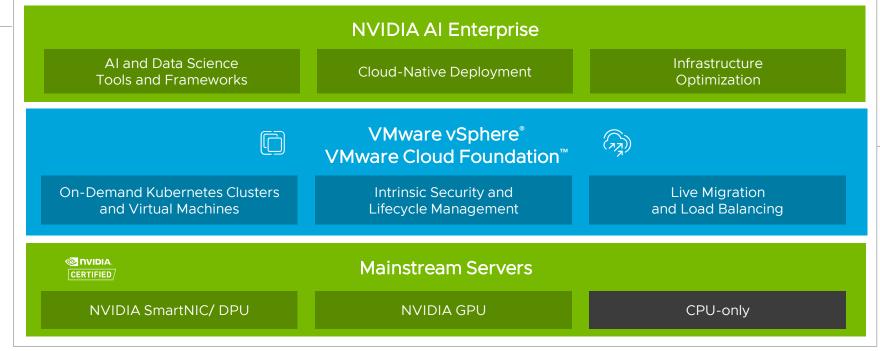
Image Analytics

AI/ML

Existing Applications



Data Scientist/ Developer/ Al Researcher





IT Administrator MLOps











Leveraging VCF as a Platform for GenAl Workloads

Solving for Common GenAl Workloads with VMware Cloud Foundation



Scale Quickly

Scale compute and storage in tandem with your GenAl needs, and provide lowlatency, optimized networking



Management and Operations

Quick actions, quick troubleshooting and ability to bring-up and tear-down environments with a few clicks



Cost and Capacity Planning

GenAl workloads can be expensive to host and resource demand can bloat quickly. Stay in control and predict growth



Custom Dashboards

Track what's important whether it's capacity management, bottlenecks or other advanced KPIs



VMware Cloud Foundation™



Key Benefits for Customers



Flexibility of Choice

Broad AI ecosystem of partners



Deploy with Confidence

Mitigate risks: data/IP leakage, model accuracy.



Optimized Performance

Support for major NVIDIA accelerated computing & software



Boost Productivity

Time-saving toolkit speeds developer workflows



Common Customer Use Cases Addressed



Code Generation

Accelerate developer velocity

Contact Centers Resolution

Improve content quality and feedback



IT Operations Automation

Significantly reduce IT operations time

Advanced Information Retrieval

Document search, policy, and procedure search







Resources

VMware Private AI Foundation with NVDIA Solution Brief

https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/docs/vmware-privateai-foundation-with-nvidia-solutions-brief.pdf

Learn more on VMware Cloud Foundation AI/ML Solutions

https://www.vmware.com/products/vsphere/ai-ml.html

Deploying Enterprise-Ready Generative AI on VMware Private AI

https://core.vmware.com/resource/deploying-enterprise-ready-generative-ai-vmware-vmware-cloud-foundation#executive-summary







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