



揮別傳統包袱 無痛邁向 Nutanix 擁抱混合多雲與 Kubernetes 的無限可能

陳永恆 Eternity Chen

Nutanix 資深技術顧問

容器技術 將在邊緣端 迎來爆炸性發展

Gartner®

直到 2028 年

80%

以上的邊緣運算將使用容器部署

... 而 2024 年這一比例不到 20%

人工智慧將驅動 容器技術的發展

Gartner®

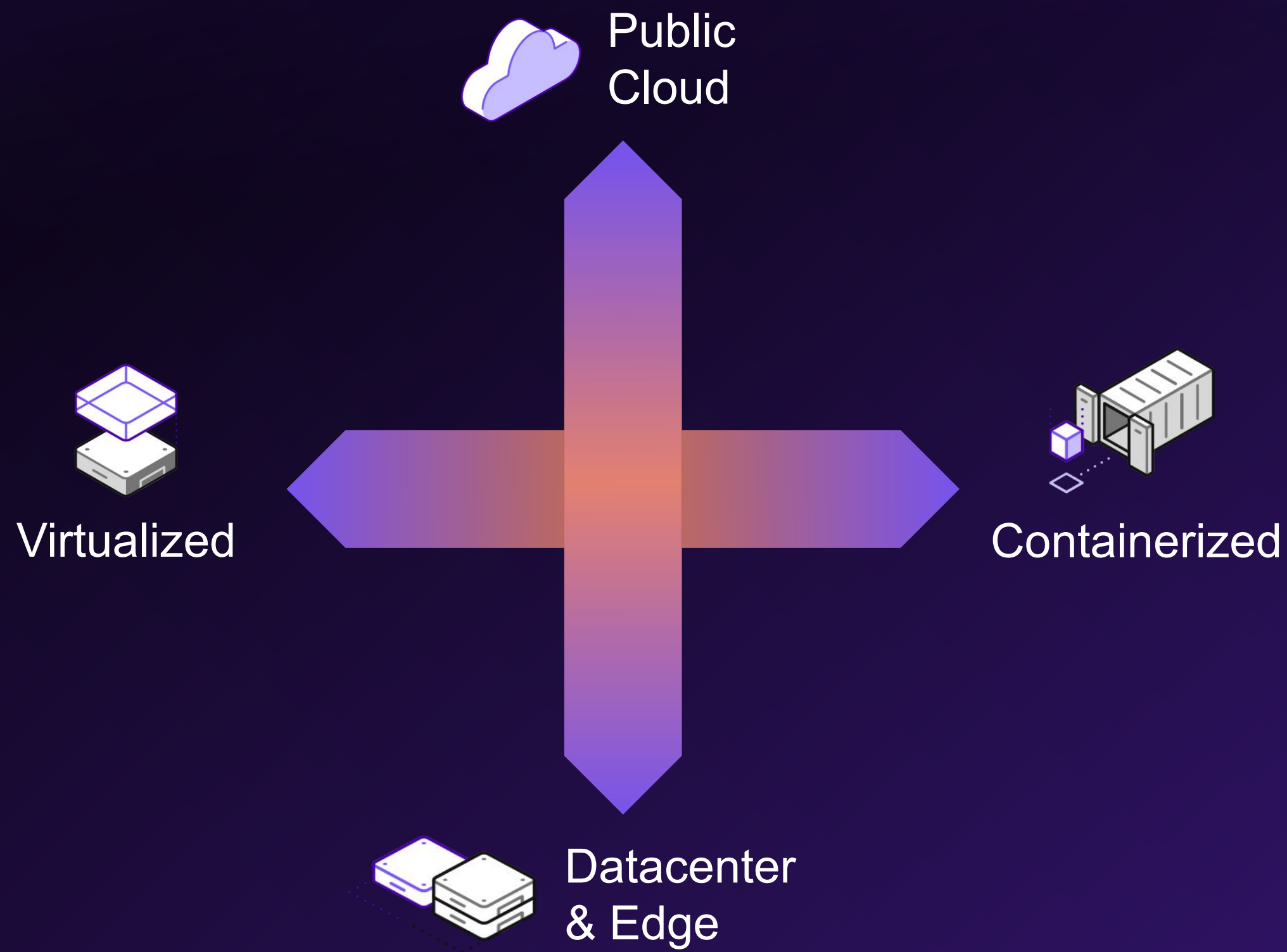
直到 2027 年

75%

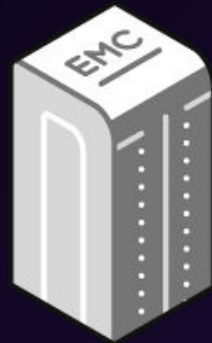
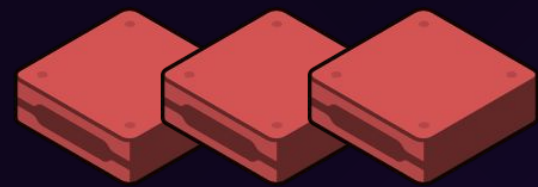
以上的 AI/ML 部署都將使用容器技術

... 相較 2024 年不到 50% 的比例有所增加

IT 面臨的 複雜局面



20 世紀的基礎架構平台 並不是為未來而打造的



Legacy on
3-Tier



Hybrid Multicloud



Cloud Native Apps



Enterprise AI



The Gartner
Perspective

未來的基礎設施 是混合且分散的 ...
... 結合了本地部署和雲端解決方案的優勢

Julie Palmer
Gartner VP Analyst

Gartner[®]

<https://www.linkedin.com/in/juliagartner>

21 世紀的 基礎架構演化

Nutanix Platform Story

Nutanix Cloud Infrastructure (NCI & NC2)

儲存, 運算, 網路, 資安, 保護, 異地備援

Unified Management, APIs and LCM



Any App - Any Scale - 1300+ Certified ISVs

Nutanix Central & Nutanix Cloud Manager

**Nutanix
Unified
Storage**

Nutanix Enterprise AI

Nutanix Kubernetes Platform
(incl. Nutanix Data Services for K8s)

**Nutanix
Database
Service**

Nutanix Cloud Infrastructure (NCI & NC2)

Anywhere – Edge | Core | Cloud

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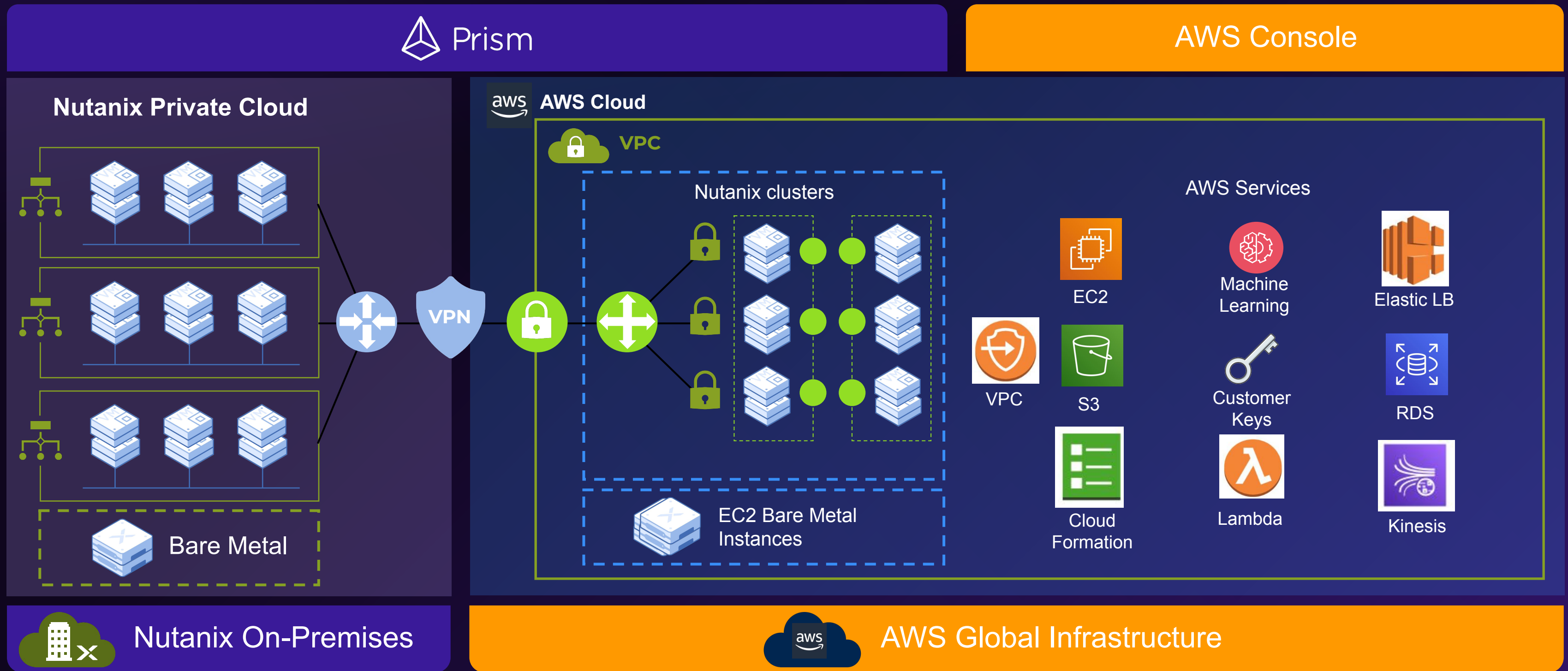
**Nutanix
Database
Service**

Nutanix Cloud Infrastructure (NCI & NC2)

Anywhere – Edge | Core | Cloud



Nutanix 混合雲平台 AWS



Any App - Any Scale - 1300+ Certified ISVs

Nutanix Central & Nutanix Cloud Manager

**Nutanix
Unified
Storage**

Nutanix Enterprise AI

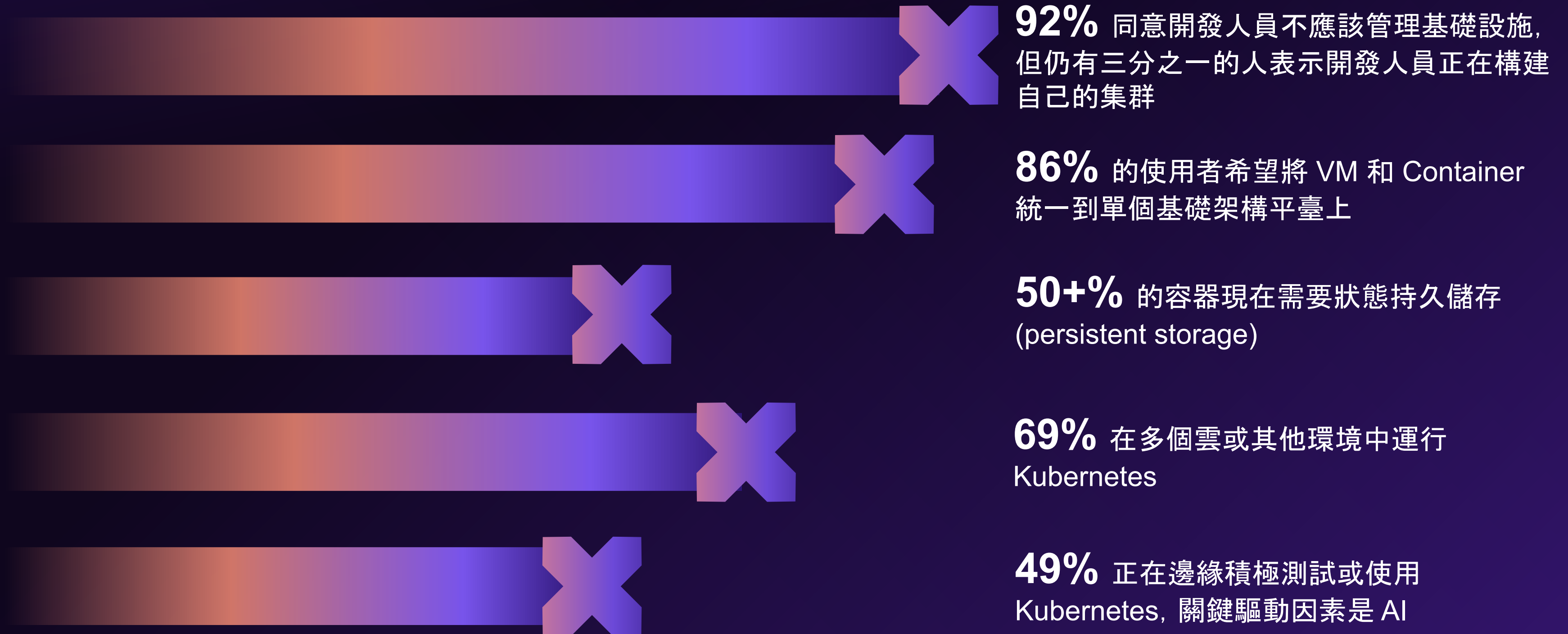
Nutanix Kubernetes Platform
(incl. Nutanix Data Services for K8s)

**Nutanix
Database
Service**

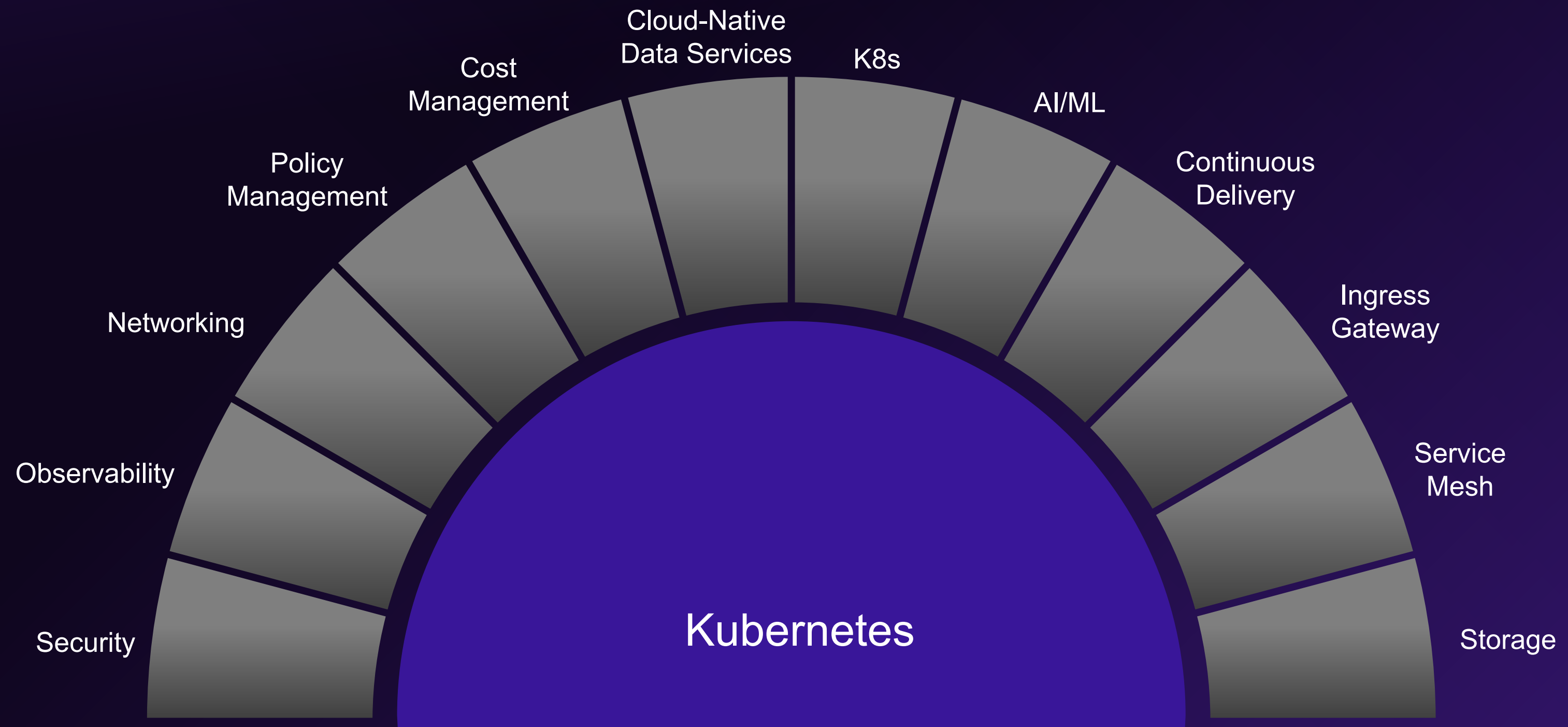
Nutanix Cloud Infrastructure (NCI & NC2)

Anywhere – Edge | Core | Cloud

2024 年 Kubernetes 趨勢



構建雲原生平臺需要什麼？



這不難吧？

我認為我的團隊可以自己動手

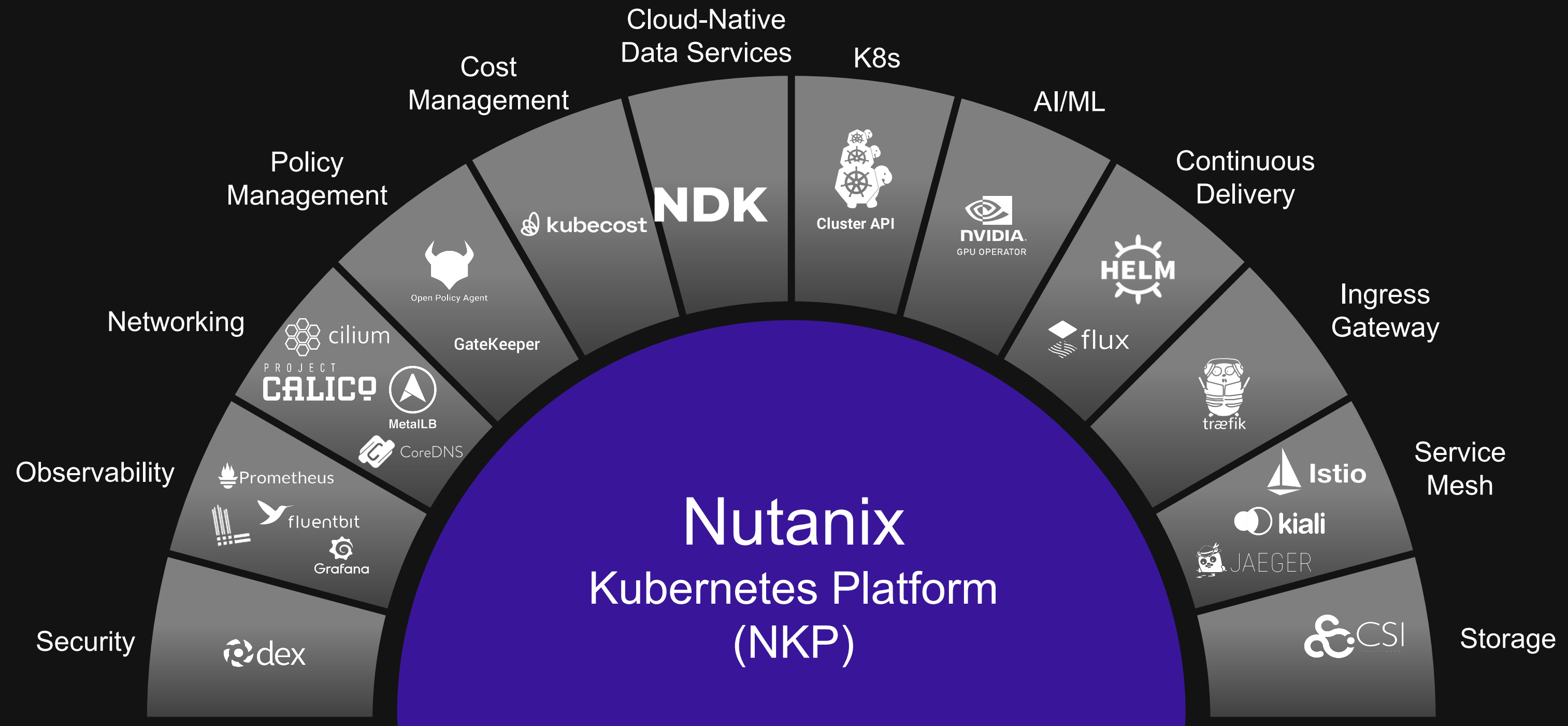
The CNCF Landscape: A Wealth of Tools

Over 1,200 offerings

The image displays a vast collection of cloud native tools organized into a grid. The tools are categorized into five main functional areas, each with a blue header bar. The categories and their respective tool counts are as follows:

- Application Definition & Image Build:** 10 tools (including Helm, Backstage, Buildpacks.io, Dapr, KubeVela, KubeVirt, Operator Framework, etc.)
- Database:** 10 tools (including KV, Vitess, CockroachDB, etc.)
- Continuous Integration & Delivery:** 10 tools (including Argo, Flux, Keptn, OpenKruise, etc.)
- Streaming & Messaging:** 10 tools (including CloudEvents, NATS, Strimzi, etc.)
- Scheduling & Orchestration:** 10 tools (including KEDA, Kubernetes, Crossplane, Karmada, Knative, Volcano, etc.)
- Service Mesh:** 10 tools (including Istio, Linkerd, etc.)
- Remote Procedure Call:** 10 tools (including gRPC, etc.)
- Service Proxy:** 10 tools (including Envoy, etc.)
- API Gateway:** 10 tools (including Kong, etc.)
- Coordination & Service Discovery:** 10 tools (including Consul, etc.)
- Cloud Native Storage:** 10 tools (including Ceph, etc.)
- Cloud Native Networking:** 10 tools (including Calico, etc.)
- Cloud Native Security:** 10 tools (including Falco, etc.)
- Cloud Native Observability:** 10 tools (including Fluentd, etc.)
- Cloud Native Automation & Configuration:** 10 tools (including Ansible, etc.)
- Cloud Native Container Registry:** 10 tools (including Harbor, etc.)
- Cloud Native Key Management:** 10 tools (including Spiffe, etc.)
- Cloud Native Observability & Analysis:** 10 tools (including Prometheus, etc.)
- Cloud Native Continuous Optimization:** 10 tools (including Argo, etc.)
- Cloud Native Chaos Engineering:** 10 tools (including Chaos Mesh, etc.)
- Cloud Native Feature Flagging:** 10 tools (including OpenFeature, etc.)

NKP 把 Kubernetes 部署 保護 管理和升級 變簡單了



NKP 具備 軍規級 DevSecOps



Pre-scanned
releases



Installation
bundle



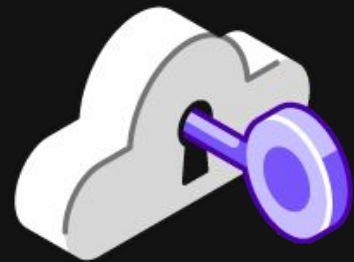
SSO



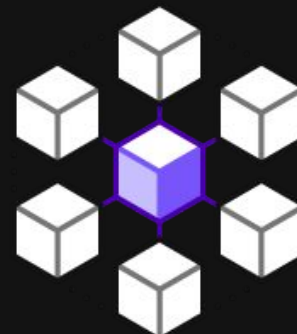
Centralized
RBAC



Multi-tenancy



VPC
integration



Network
policies



Encrypted
comms



Policies



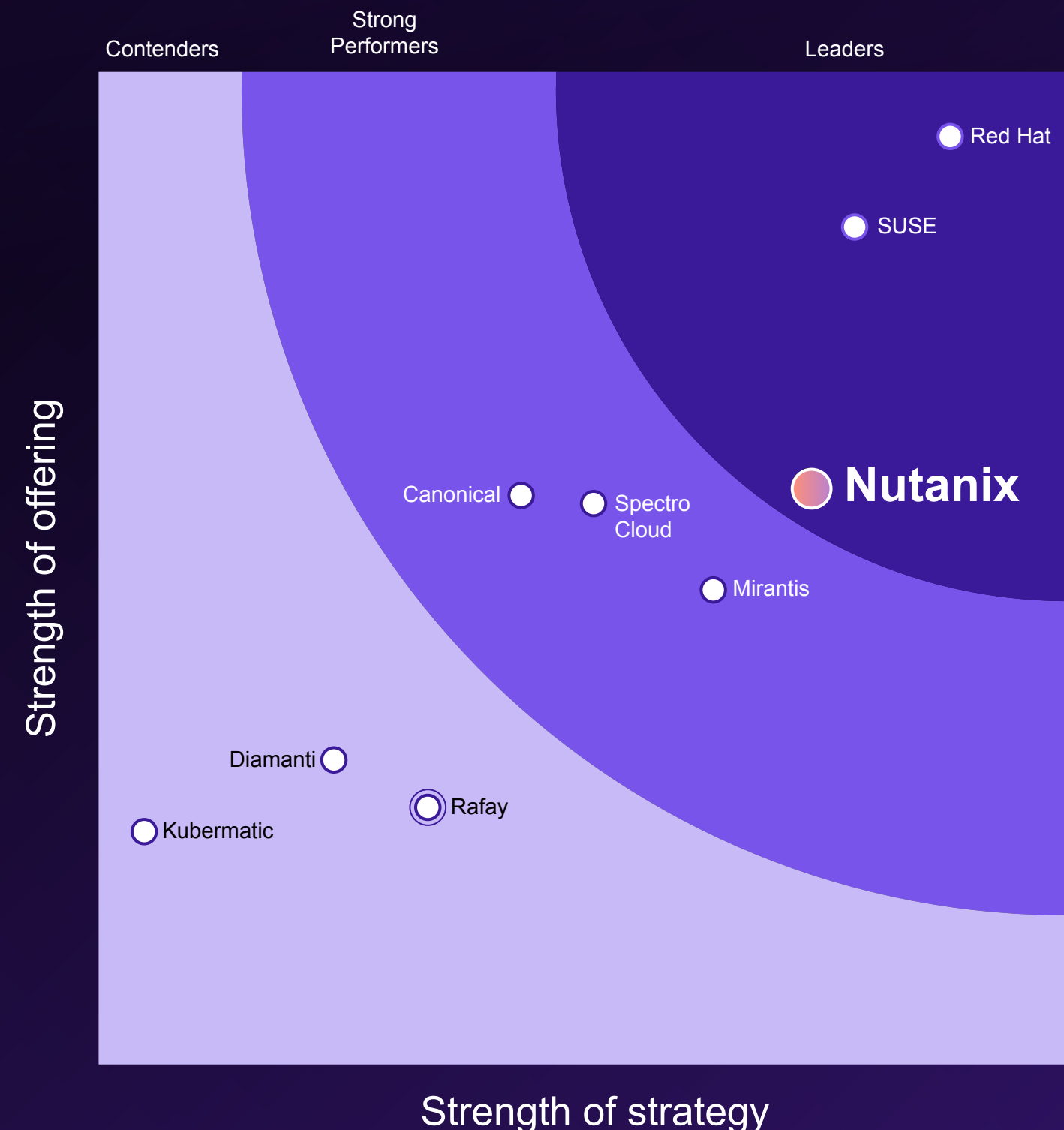
Anomaly
detection

A New Leader!

The Forrester Wave™ : Multicloud Container Platforms, Q3 2025

Source: Forrester Research, Inc., The Forrester Wave™: Multicloud Container Platforms, Q3 2025

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Customer feedback*



*A halo indicates above-average customer feedback. A double halo indicates that the vendor is a Customer Favorite.

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應用程式

“應用程式”
本質上
由三部分構成：

使用者介面
+
商業邏輯
+
資料

使用者介面
&
商業邏輯

佈署方式:

虛擬機
或
容器



資料

三種資料存取型態:

Files
Blocks
Objects

單一平台 多元應用

VMs

Containers

Files

Block

Objects

Nutanix Kubernetes Platform

NDK
Nutanix Data Services for Kubernetes

Nutanix Unified Storage + AOS

AHV

NO OTHER COMPANY
能宣稱在 虛擬化 儲存 和 容器 領域
同時具備企業級的能力



**Nutanix
Cloud
Platform**

NCP 雲平台

提供最佳的總體擁有成本 TCO

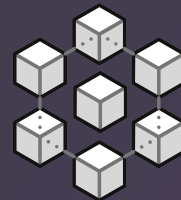
NCP 雲平台

提供最佳的總體擁有成本 TCO

VMware



Servers



Storage Network



Storage

NCP



HCI Nodes

從我們的營運模式中獲得 TCO 節省

採購成本佔 **IT** 支出的
18%

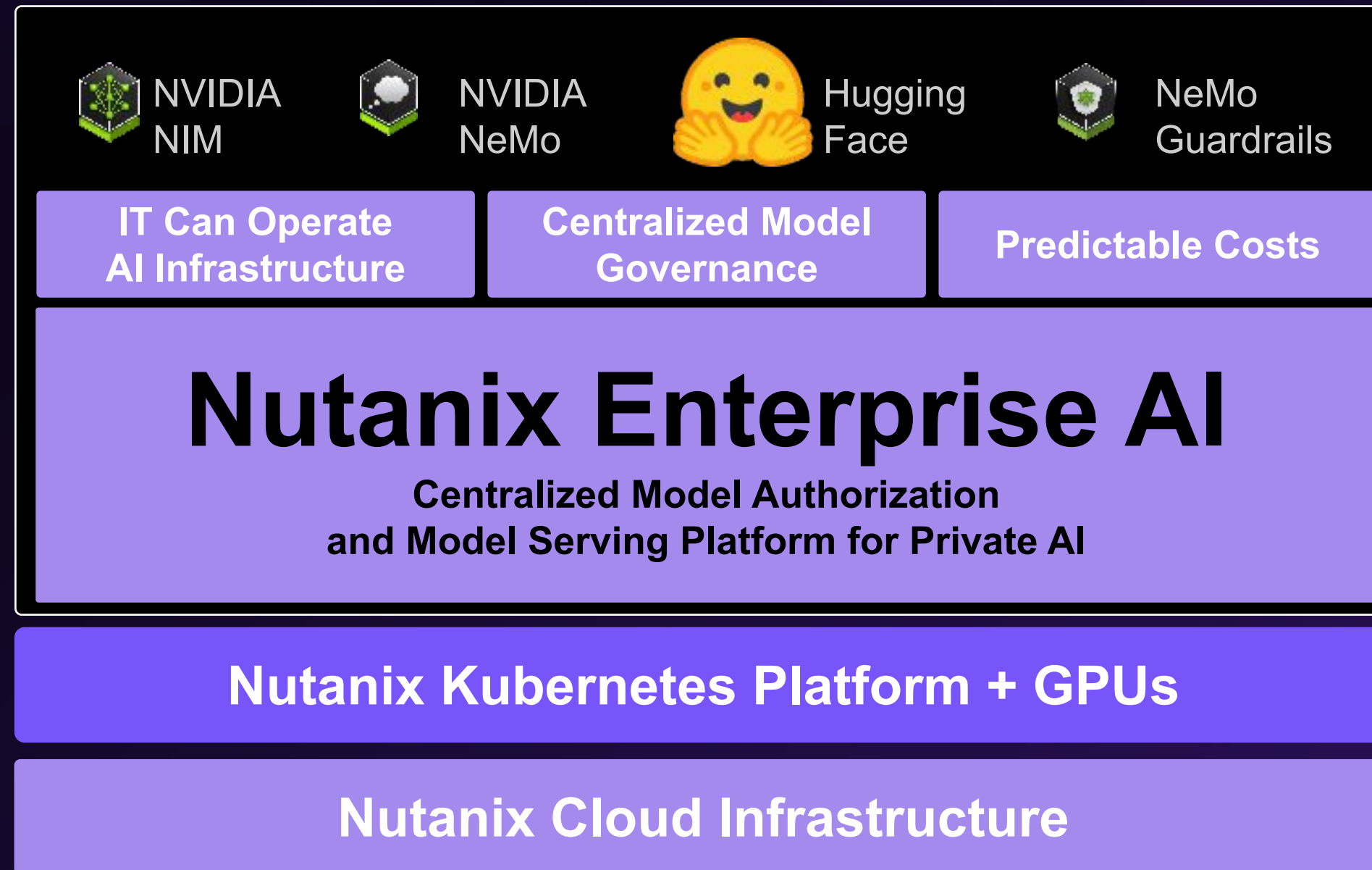
營運成本佔 **IT** 支出的
82%





別忘了
處處有
AI

Nutanix 把 AI 變簡單了



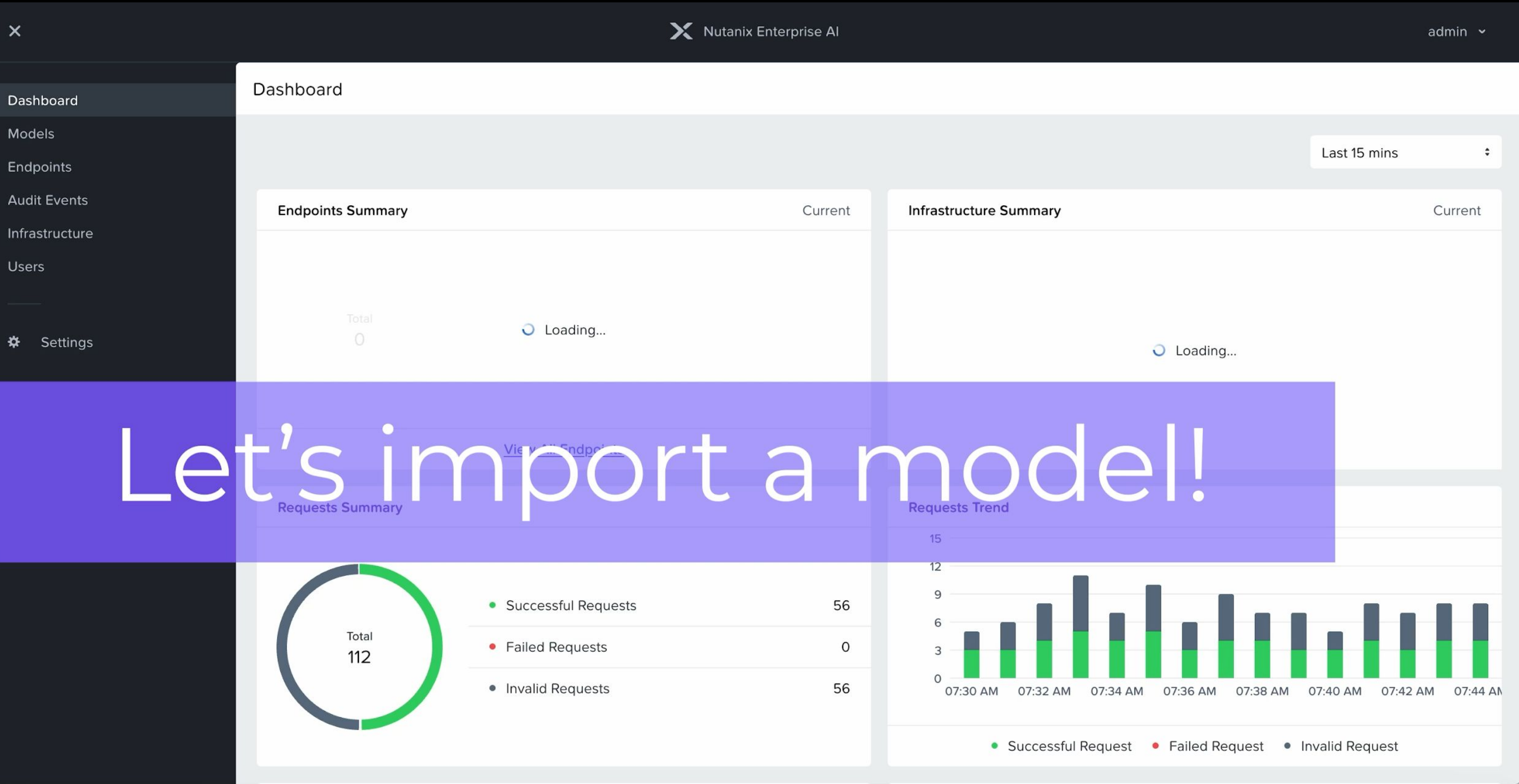
Chat Applications

Document Summarization

On-Demand Translation

Client Support

Agentic Applications

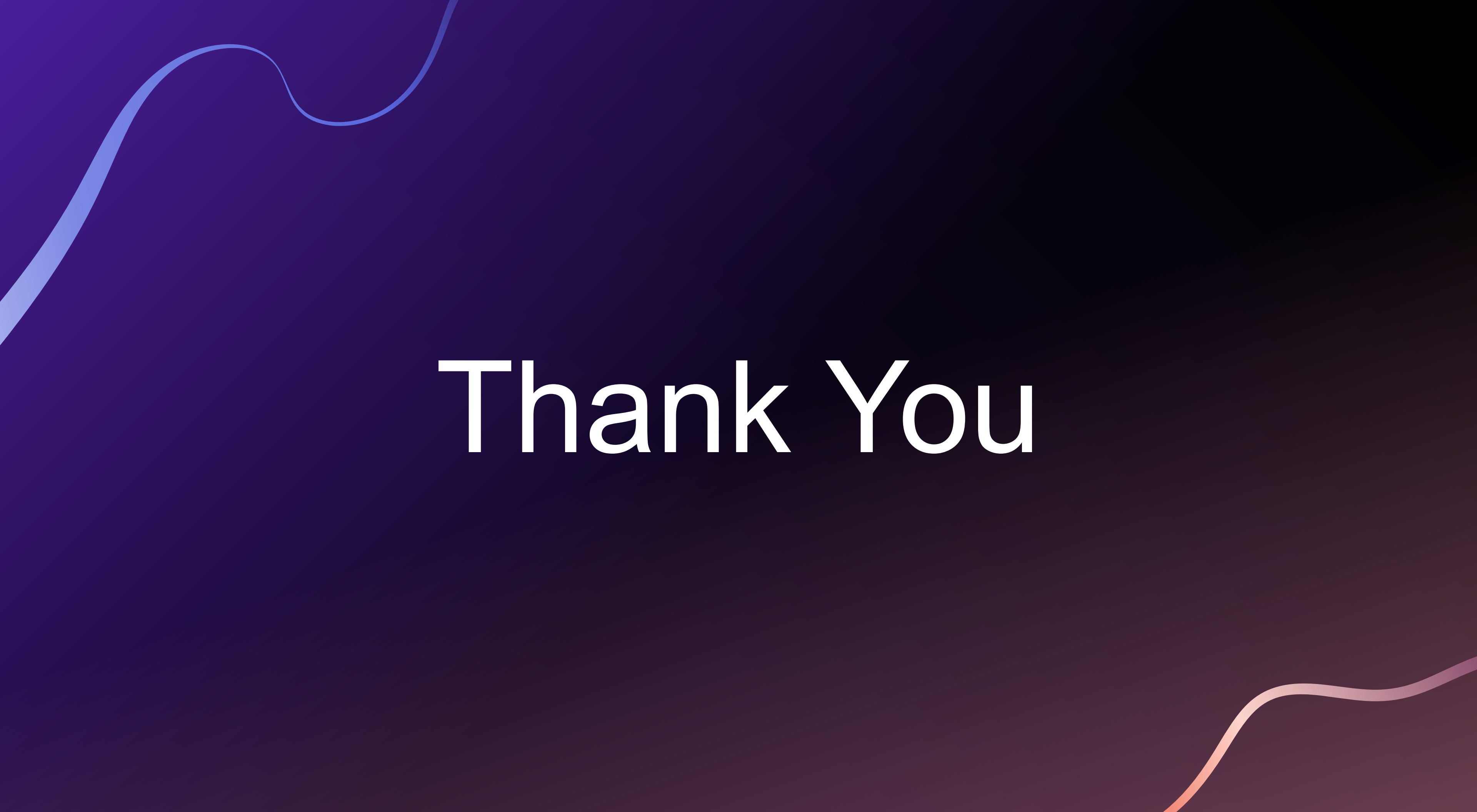


21 世紀的基礎架構平台



Nutanix Cloud Platform

任何地點 運行所有的應用系統
人工智慧 和 資料儲存

The background features a dark purple-to-black gradient. A light purple wavy line starts from the left edge and curves upwards towards the top center. A light pink wavy line starts from the bottom right corner and curves upwards towards the center.

Thank You





The GenAI Divide

STATE OF AI IN

BUSINESS 2025

2 EXECUTIVE SUMMARY

Despite \$30–40 billion in enterprise investment into GenAI, this report uncovers a surprising result in that 95% of organizations are getting zero return. The outcomes are so starkly divided across both buyers (enterprises, mid-market, SMBs) and builders (startups, vendors, consultancies) that we call it the GenAI Divide. Just 5% of integrated AI pilots are extracting millions in value, while the vast majority remain stuck with no measurable P&L impact. This divide does not seem to be driven by model quality or regulation, but seems to be determined by approach.

儘管企業在生成式 **AI** 上投入了 **300** 至 **400** 億美元，
本報告揭示了一個令人驚訝的結果：有 **95%** 的組織未獲得任何回報。

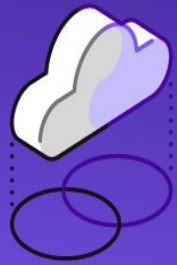




One Platform Is Your Friend

Nutanix Cloud Platform

Customer
Workloads



Hybrid Cloud



Cloud Native



DBaaS Platform

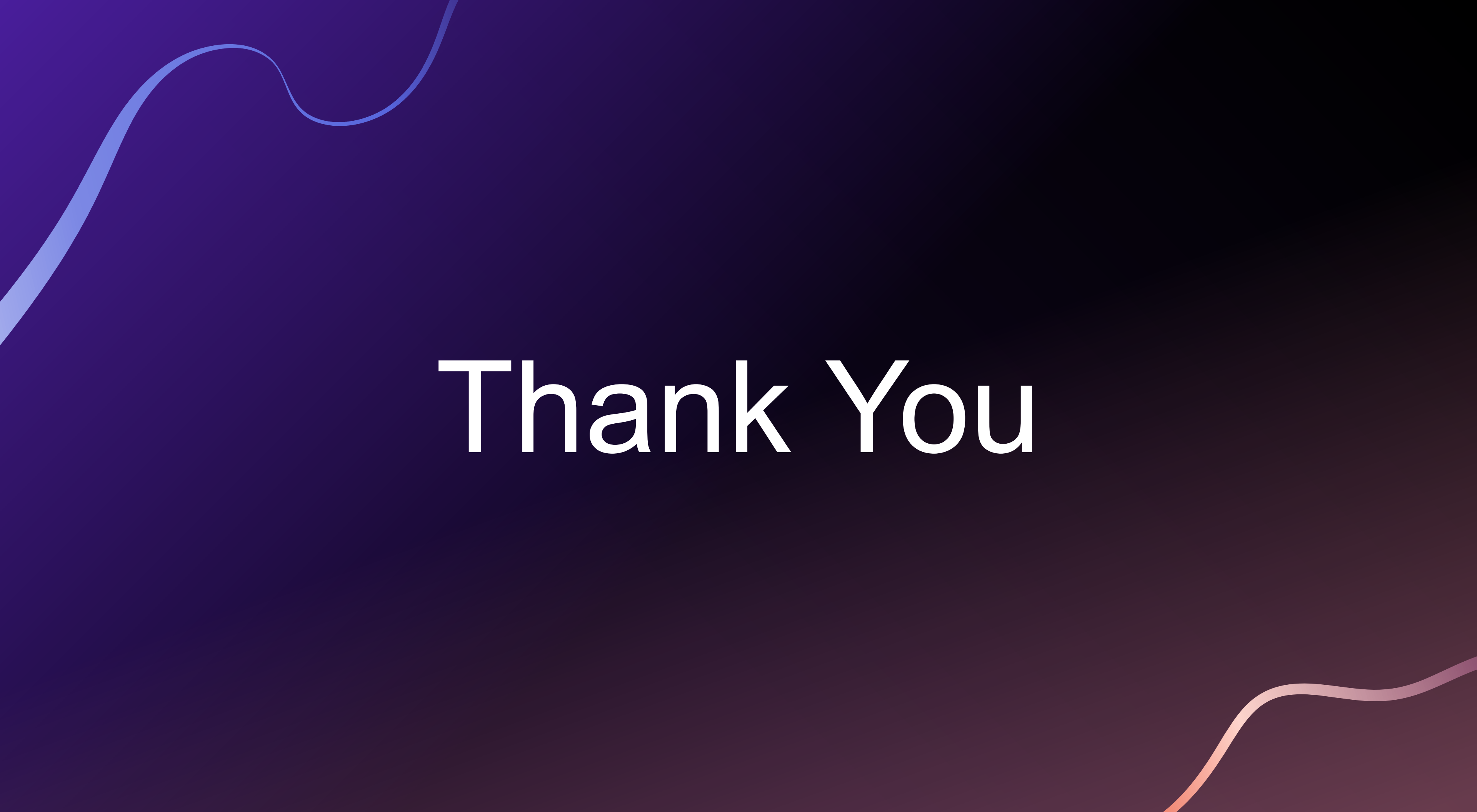


Unified Storage



Enterprise AI

Nutanix
Cloud
Platform

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