

Artificial Intelligence: Was kommt und wie bereitet man sich vor?

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September 2024

Any Similiarities between Browser and AI ?



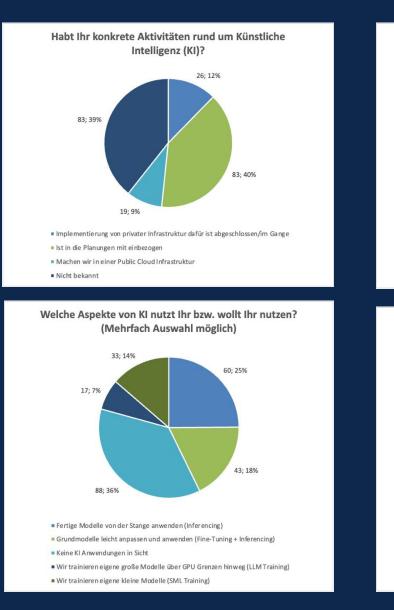
Quelle: ChatGPT, https://www.mozilla.org/de/firefox/browsers/browserhistory/#:~:text=Der%20britische%20Informatiker%20Tim%20Berners,Zugang%20zum%20Internet%20,,WorldWideWeb".

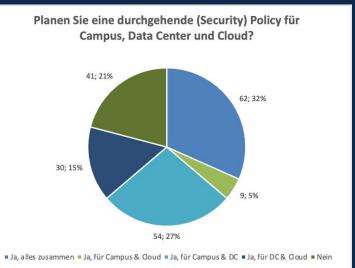


Cisco Al Readiness Index

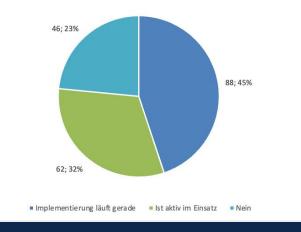








Wie in vergangenen Jahren möchten wir erneut wissen, wie Ihr mit dem Thema Automatisierung weitergekommen seid?



- 79% are planning or implementing Al Infrastructure
- 2. 43% are Inferencing or Tuning
- 3. Security Solution:
 32% for DC+
 Campus+Cloud,
 27% DC+Campus
- 4. 77% need more Automation

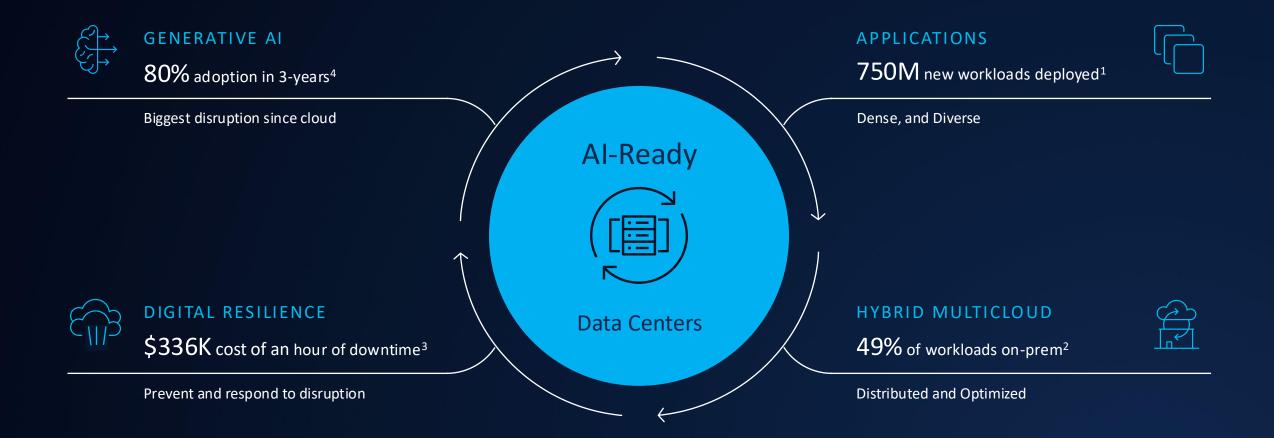
Source: Datacenter University 2024, Germany

Agenda

- AI: Hype or Real?
- Welche neue Fragen stellen sich?
- Cisco Al Ready Datacenter
- Wie kann Cisco unterstützen?



Technology Trends Driving Investment





Investor Day at / 1/0/ @ 2024 Cisco and/or its affiliates

Modernize infrastructure Build modern, resilient infrastructure

Cybersecurity Protect against the threats of today and tomorrow

Al and data Harness the power of Al and data

Accelerate growth across AI, hyperscalers, rest of cloud

Hyperscalers ¹ - Al ²	там Сү27 \$20.5В \$8.8В	TAM CAGR CY25-27 28% 18%	 Technology leadership 20 use cases in production, 25% in Al 17 design wins, 65% in Al 12 use cases in pipeline 	 Selling models Fully integrated systems Grey box Optics Optical Silicon
Enterprise and rest of cloud ³	там Сү27 \$64.9В	TAM CAGR CY25-27 9%	 HyperFabric for Al Digital Experience Assurance 	 Selling models Orchestration & automation Fully integrated systems Compute (GPU and x86)
- Al ²	\$9.8B	29%	 Secure Connectivity: private to public cloud 	 Optics Optical

1. Includes DC Switching (Managed, Fixed-Unmanaged, Infiniband) Silicon & Optics. Does not include Server, Storage, Software and Services 2. Includes AI DC Switching (Mgd + Infiniband) and Direct Purchase Ethernet Optics

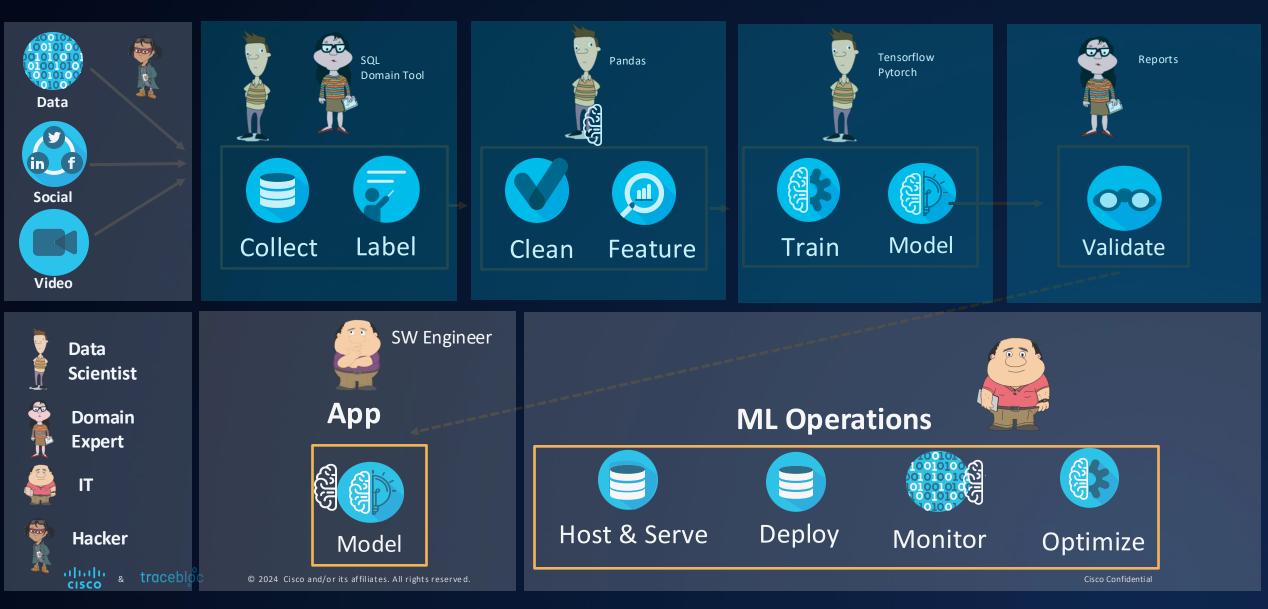
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3. Includes Enterprise Data Center and second-tier cloud providers. Numbers include Mgd DC Switching, x86 Blade Servers, Silicon & Optics, Cloud related M&O S/W, Compute aaS

Welche neue Fragen stellen sich?

Es geht darum, Daten nutzbar zu machen, Zusammenhänge zu erkennen, neue Informationen zu generieren, um damit intelligente Automatismen für Menschen in positiver Weise zur Verfügung zu stellen.

AI brings New Roles and Responsibilities

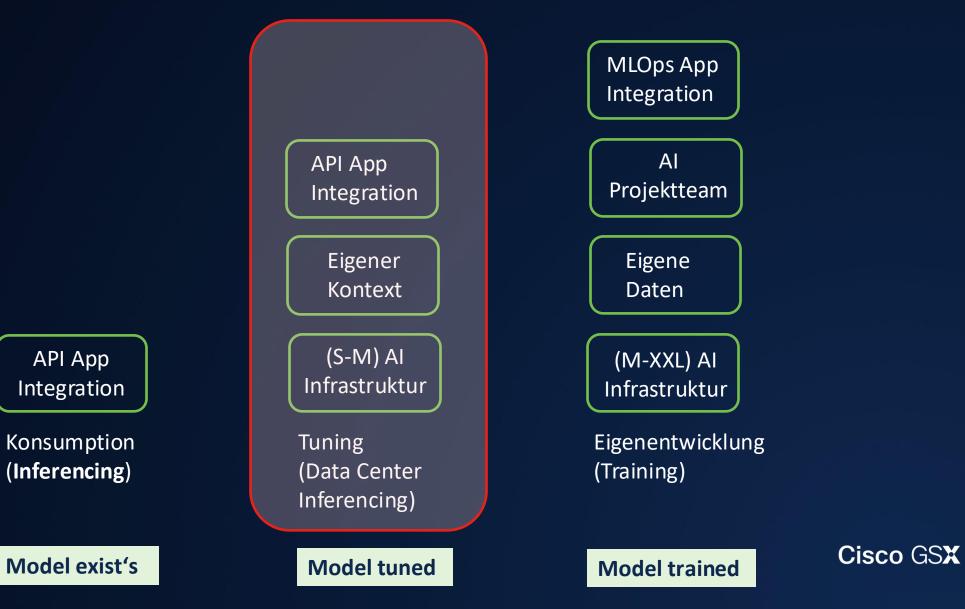


Which Model is the right one ?

tracebloc enables AI partners to fine-tune their models on companies' data

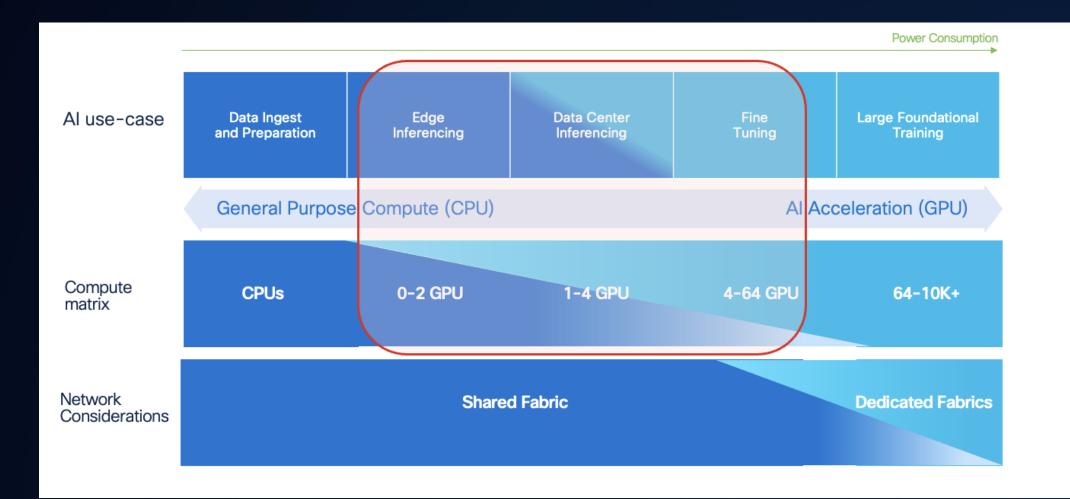


Which Infrastructure for which model? Inferencing, Tuning, or Training



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Which GPU is the right one for AI?

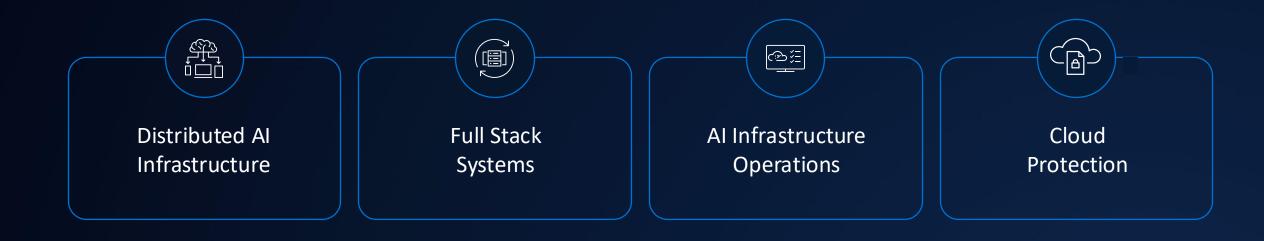


Cisco GSX

Cisco Al Ready Datacenter

AI-Ready Data Centers

Transform data centers to power AI workloads anywhere



Digital Resilience: security, reliability, and performance



Data Center Infrastructure

For Enterprise Applications

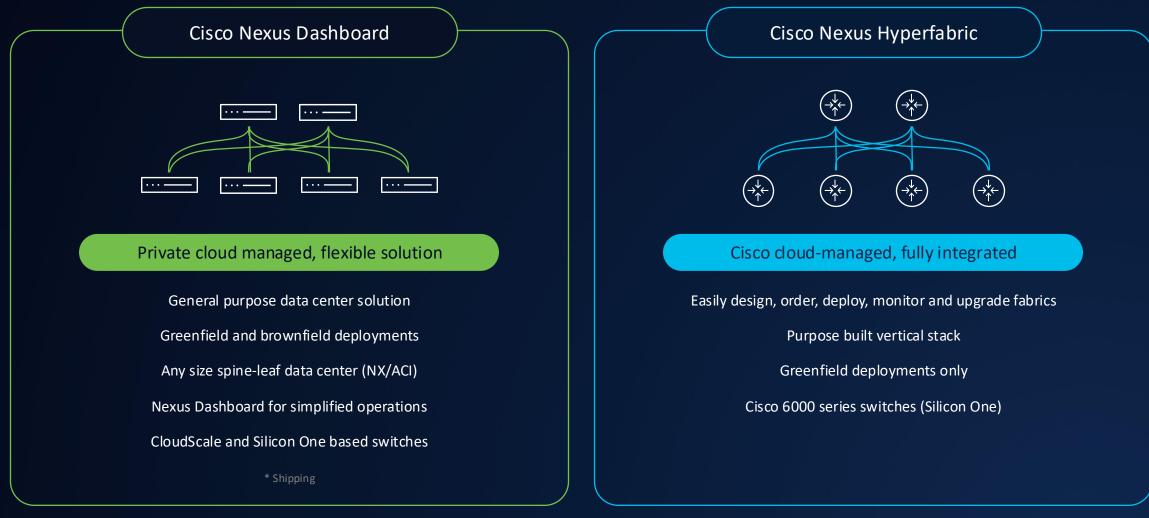
Infrastructure for multicloud supporting a diverse and distributed application landscape

For Generative AI

Accelerated Data Center Networking, Compute and storage for AI workloads

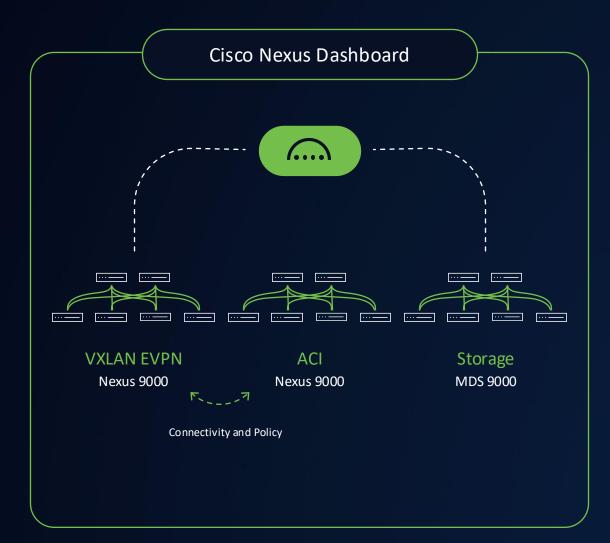


Cisco Data Center Networking





Nexus Network Innovation



Nexus ONE

Evolve fabric architecture for consistent user experience using open networking

Standards Based

Configure and connect fabrics using open networking protocols



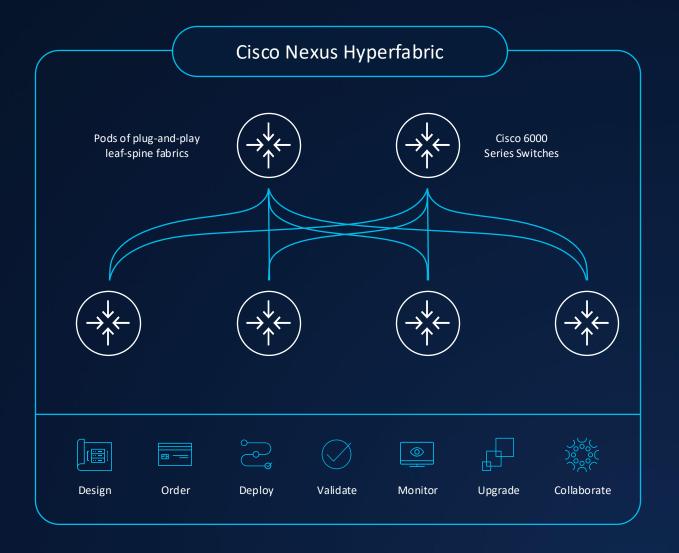
ORDERABLE Q2FY25

Cisco Nexus Hyperfabric

Design, deploy and operate on premises fabrics located anywhere

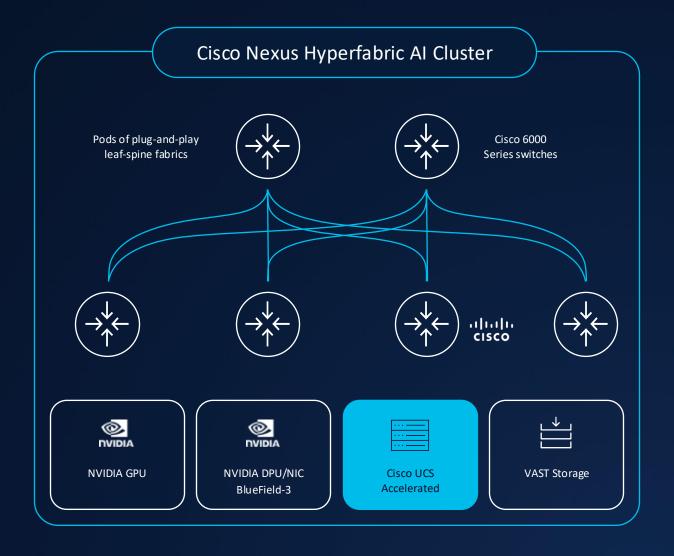
Easy enough for IT generalists, application and DevOps teams

Outcome driven by a purpose-built vertical stack

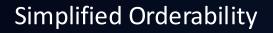


Cisco Nexus Hyperfabric Al Cluster

High-performance Ethernet	Cloud-managed operations
Unified stack	Al-native
including NVAIE	operational model
Democratize Al	– Visibility into
infrastructure	full stack Al



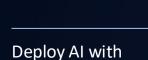
Cisco GSX



ORDERABLE THIS QUARTER

AI PODs

Faster time to value with preconfigured bundles



confidence

Orderable, validated Al-Ready infrastructure stacks

Fully supported stack including Cisco and 3rd party components

AI Advisor tool for configuration guidance

COMING SOON

Cisco AI-Ready Infrastructure Stacks

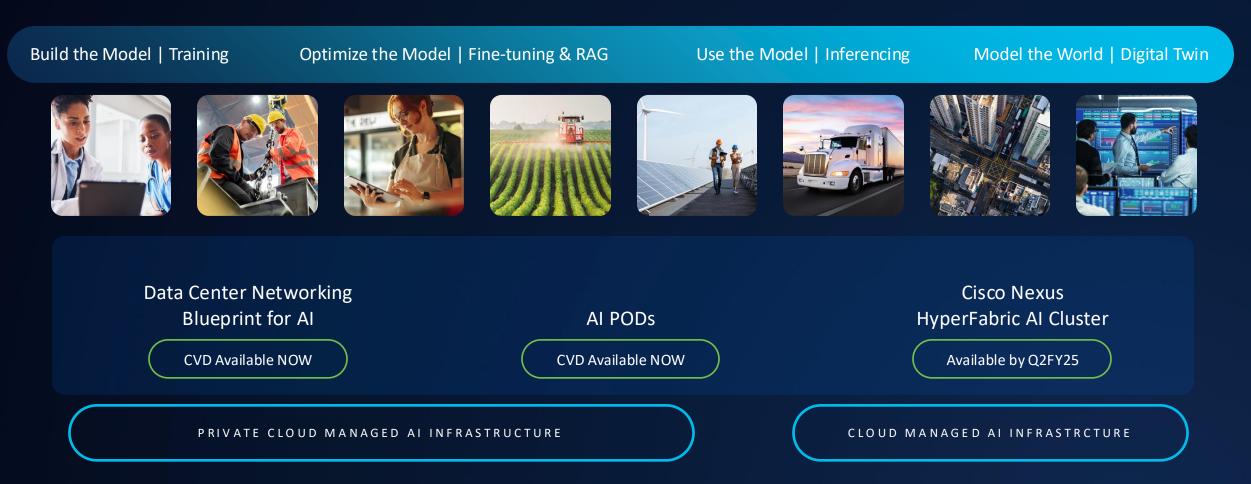




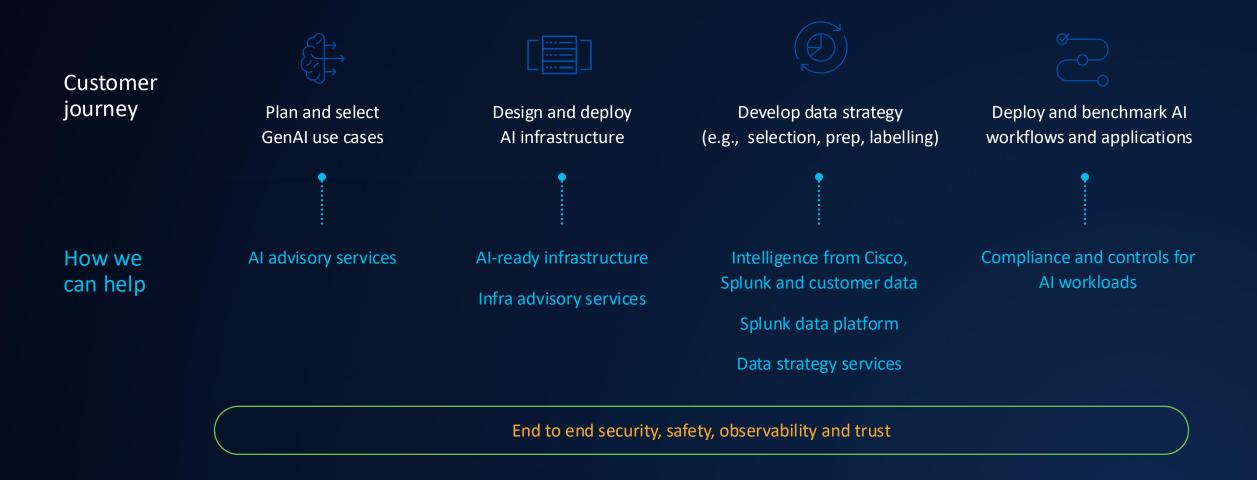
How Cisco can help to build your AI ready Datacenter?

Cisco Al Infrastructure

(for the Generative AI era)



Cisco supports customers along any starting point of their Al journey



Cisco can support you in Al:

- Use Cases Development:
- Education:
 - Business Level :
 - Technical Ebene :
- Technology:

- Demonstration:
- Statement of Work:

Cisco + Partner Ecosystem

Events, EBC

Al Seminars, Certs, Test Drives

Al Fabrics, Al PODs, Cross

Architecture

Next Gen Al Lab, POC

Partner, Cisco Services (CX)

Cisco GSX

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The bridge to possible