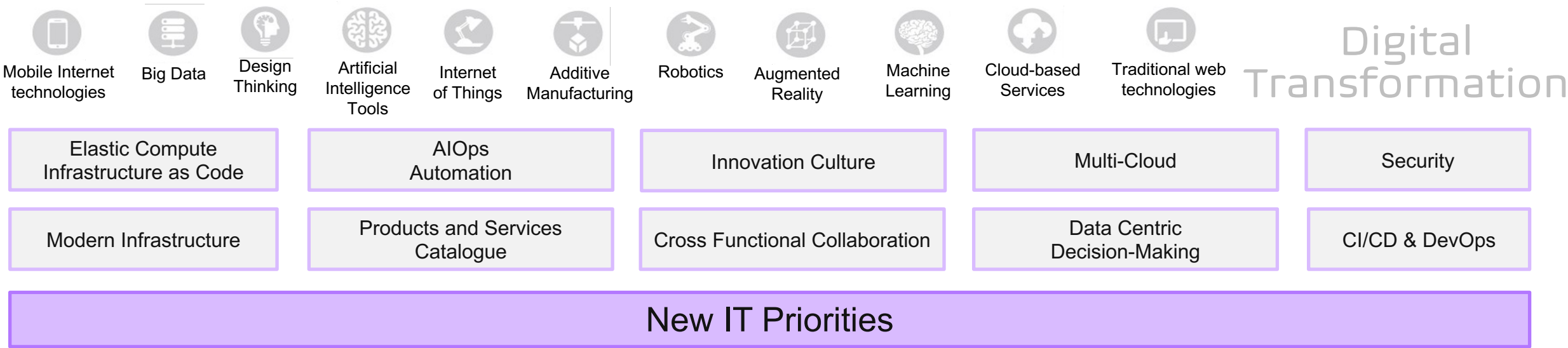# How Nutanix Enables a Simpler Cloud Vision
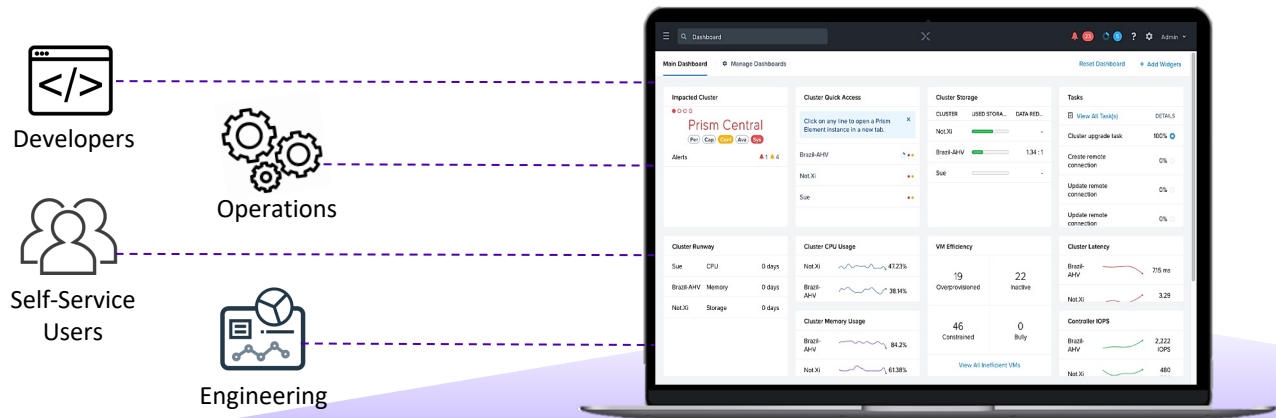
Nikhil Prasad, Systems Engineer

nikhil.prasad@nutanix.com | 647-407-9493

NUTANIX

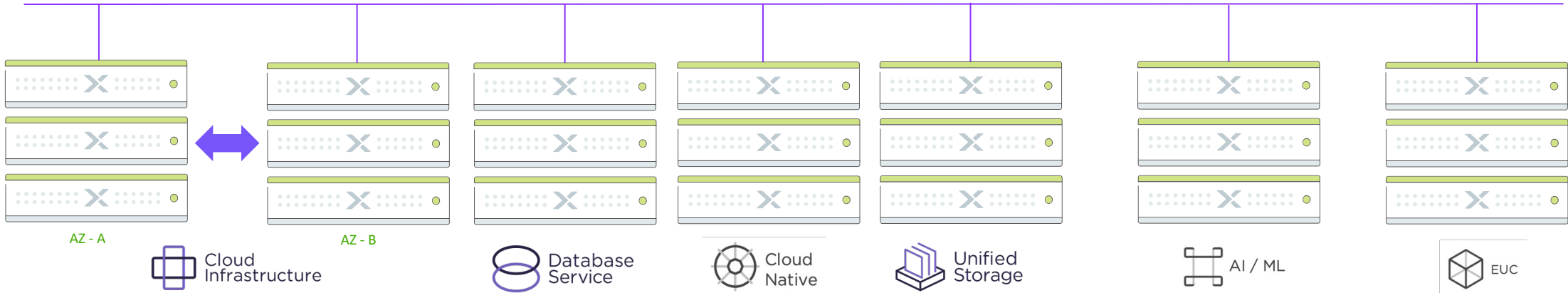# Addressing new IT Priorities

Mobile Internet technologies	Big Data	Design Thinking	Artificial Intelligence Tools	Internet of Things	Additive Manufacturing	Robotics	Augmented Reality	Machine Learning	Cloud-based Services	Traditional web technologies	Digital Transformation

Elastic Compute Infrastructure as Code	AIOps Automation	Innovation Culture	Multi-Cloud	Security
Modern Infrastructure	Products and Services Catalogue	Cross Functional Collaboration	Data Centric Decision-Making	CI/CD & DevOps

New IT Priorities

Engineering Plane

Operations Plane

Self-Service Plane

Developer Plane

aws

??

Complex, manually managed, siloed infrastructure

Ongoing struggle to keep apps and data secure / compliant

Lift and shift of apps; mobility slow and needs code changes

Multi cloud too complex & difficult to operate, manage

Unpredictable costs

Can't quickly provision and deploy apps

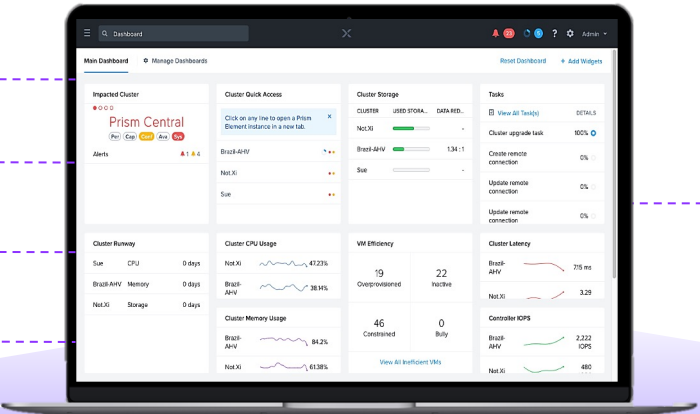# Nutanix Hybrid MultiCloud Service Platform

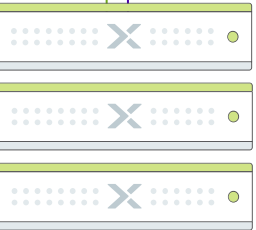Developers

Operations

Self-Service Users

Engineering

Unified Infrastructure, Service Management and Operations

Nutanix AOS Platform

AZ - A

AZ - B

Cloud Infrastructure

Database Service

Cloud Native

Unified Storage

AI / ML

EUC

Nutanix Hybrid MultiCloud Service Platform

Developers

Operations

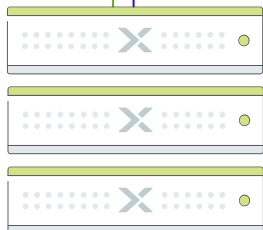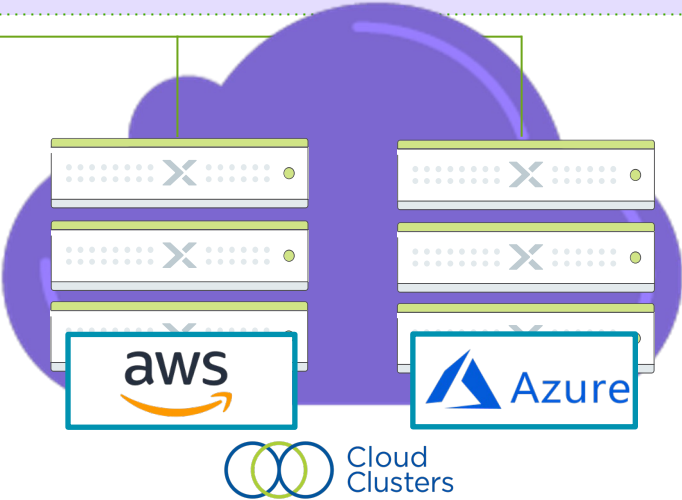Self-Service Users

Engineering

Nutanix SaaS Services

Unified Infrastructure, Service Management and Operations

Nutanix AOS Platform

VPC

AZ - A

AZ - B

Cloud Infrastructure

Database Service

Cloud Native
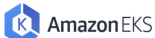
Unified Storage

aws

Azure

Cloud Clusters

NUTANIX · Hewlett Packard Enterprise · DELL EMC · Lenovo · Microsoft Hyper-V · vmware vSphere · AHV · Red Hat OpenShift · RANCHER · Azure Arc · Anthos · Amazon EKS · citrix · AMD · intel · NVIDIA.

How Nutanix Enables a Simpler Cloud Vision

Single Cloud Management Control Plane

Unified Cloud Platform

Nutanix Private Cloud

aws Amazon EC2 Bare Metal

Azure Bare Metal

OVHcloud Dedicated Nutanix Bare Metal

EQUINIX METAL

Cyxtera

AWS Services
| EC2 | S3 | ••• | Machine Learning |

Azure Services
| VM | SQL | ••• | Express Route |

Provider Services
BareMetal	•••
Compute	AI & ML
Storage	
Database	

Improved agility and cost-effectiveness

- Agility in scaling infrastructure globally
- Your Nutanix software in your cloud account
- Use your existing Nutanix & cloud investments

Unified multi-cloud management experience

- Easy to deploy & manage
- Integration with Cloud networking
- Consistent operations and tooling across all locations

Seamless migration without compromise

- Migrate across clouds with no retooling or refactoring
- Predictable Nutanix AOS resilience, efficiency and performance

One Platform for Hybrid Multicloud

| Enterprise Apps | Cloud Native Apps | Analytics AI/ML | Databases | Desktops |

Nutanix Cloud Platform

| Unified Storage Services | Database Services | Desktop Services |

Cloud Infrastructure

Disaster Recovery	Container Services	Data + Network Security
Advanced HCI	Virtual Networking	
Scale-Out Storage	AHV Hypervisor	

Cloud Management

App Lifecycle Mgmt	Security Central
Cost Governance	Self Service Infrastructure
AI Operations	

Unified Control Plane | Unified APIs | Security | Lifecycle Management

| Edge | Private Cloud | Public Clouds / aaS | MSP / Telcos |