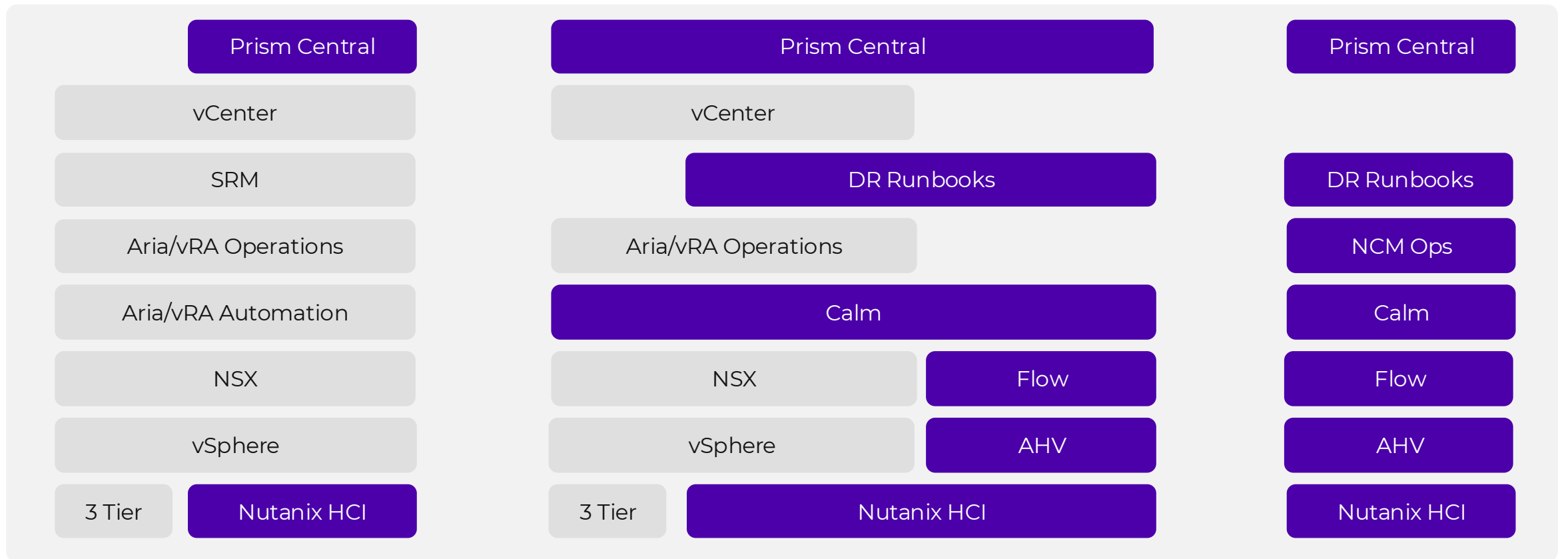


# Migrating to Nutanix

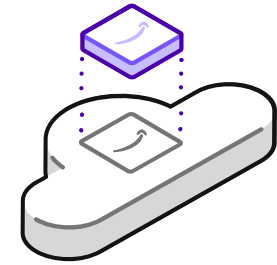
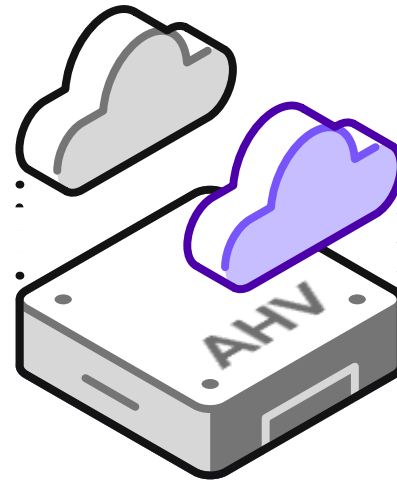
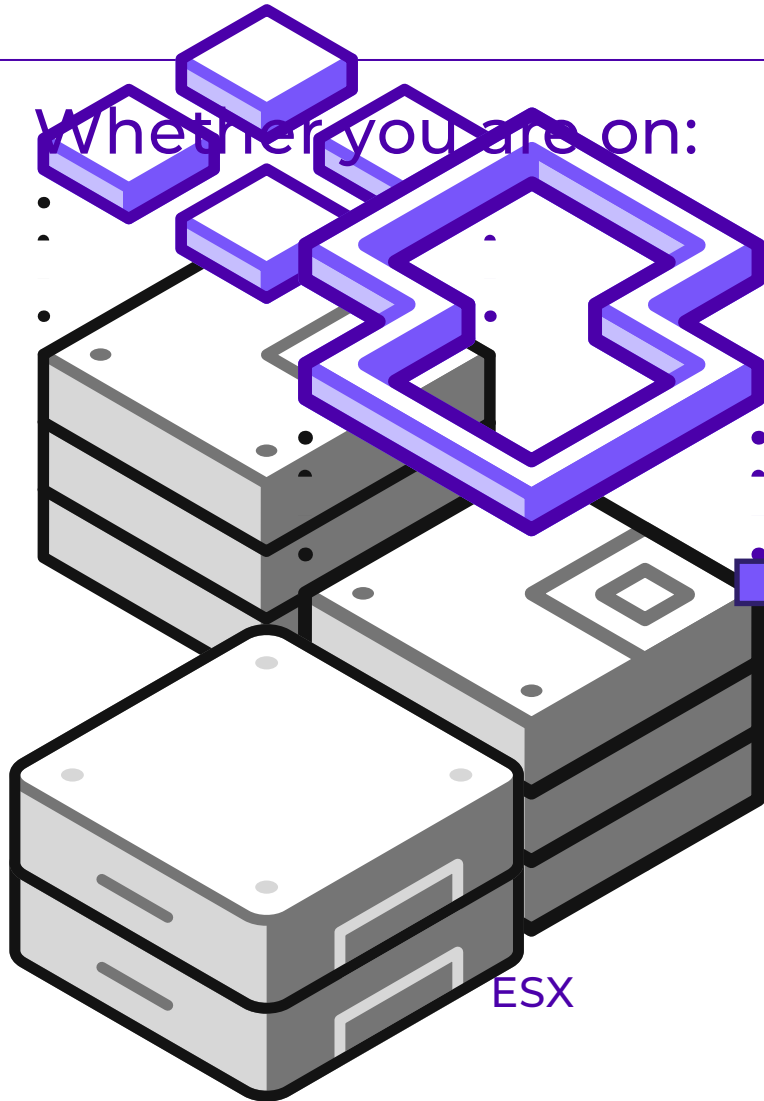
NUTANIX

# The Journey of VMware with Nutanix and Beyond



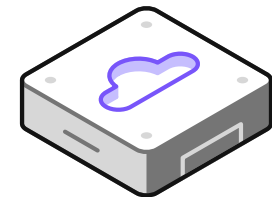
# Migrating to AHV is Simple

Whether you are on:



Public Cloud (AWS/Azure)

Including migrating to and from the public cloud



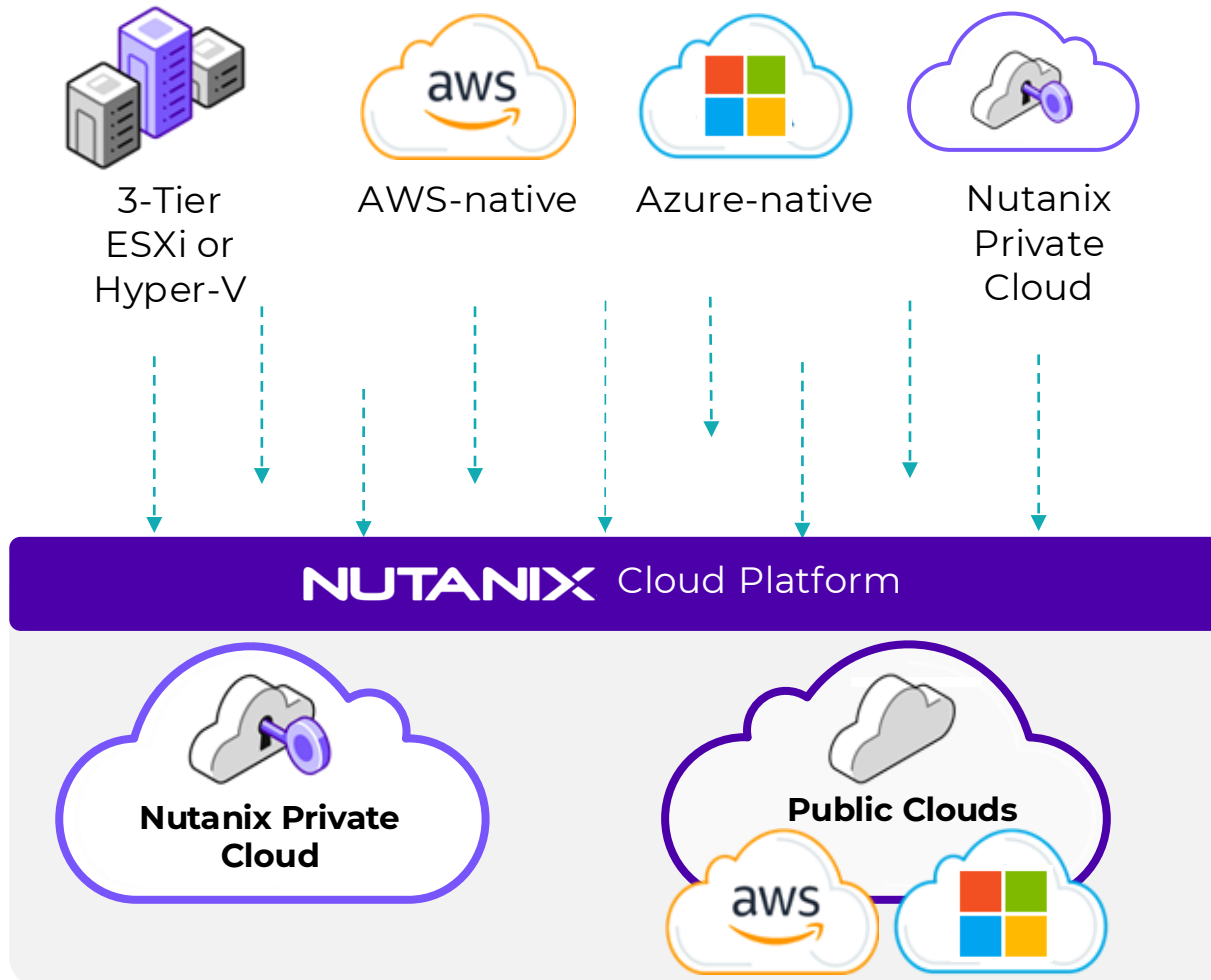
NC2

Utilize **Nutanix Move**, in-place upgrades or cross-cluster migrations



Bare Metal

# Workload Rehosting With Move



## Simplify Operations

- Individual or multiple migrations per plan
- 1-click migration cut-over
- Flexible source infrastructure

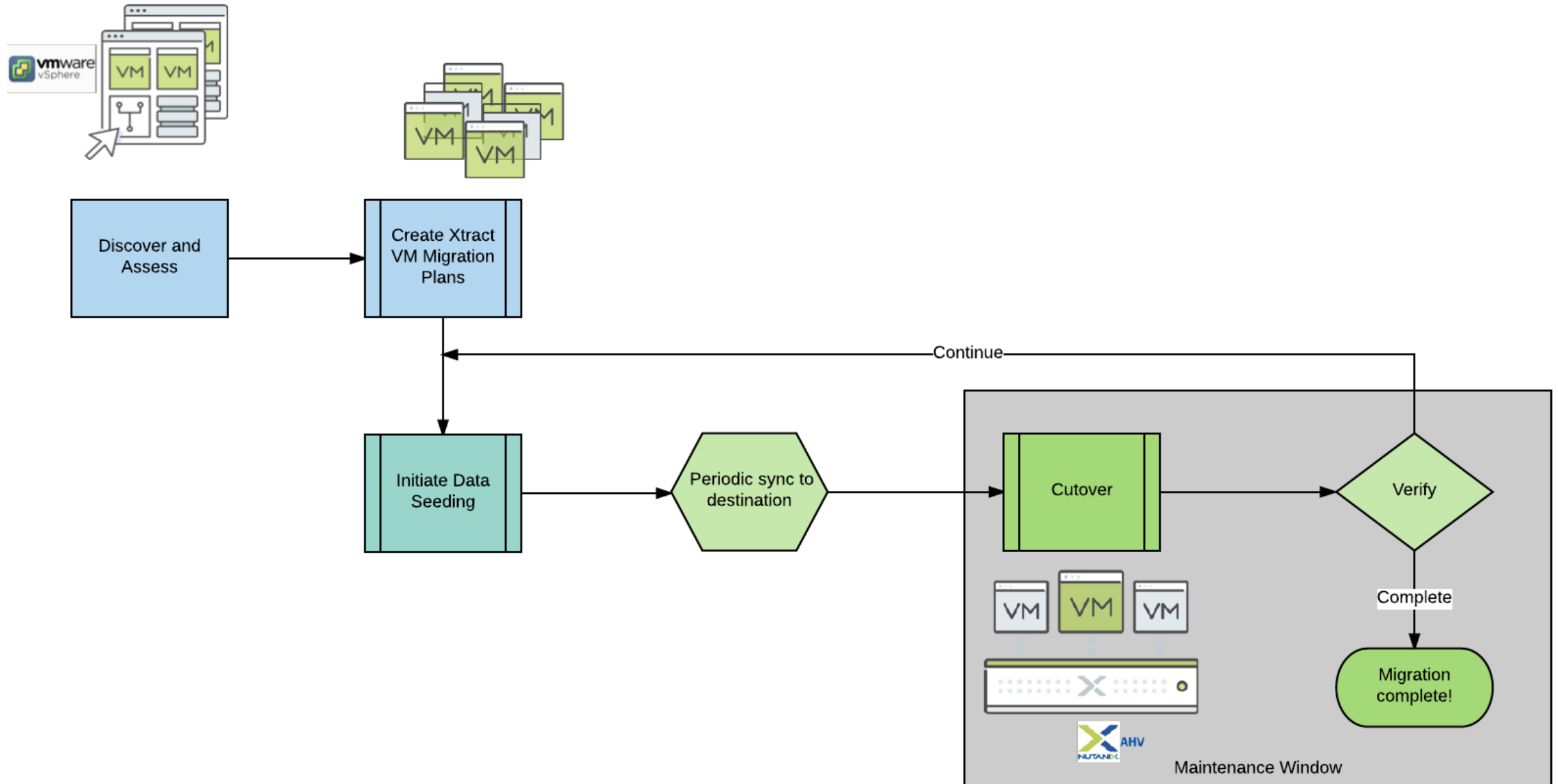
## 1-click Migrations

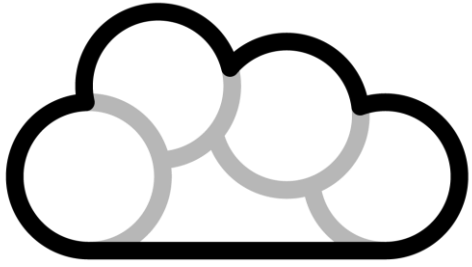
- Migrate via UI or APIs
- No application refactoring/rearchitecting
- Easily map source-target networks

## Minimize Downtime

- Pre-seed data days or weeks ahead of time
- Pre-cutover workload testing
- Fast workload cutovers

# MOVE Workload Migration

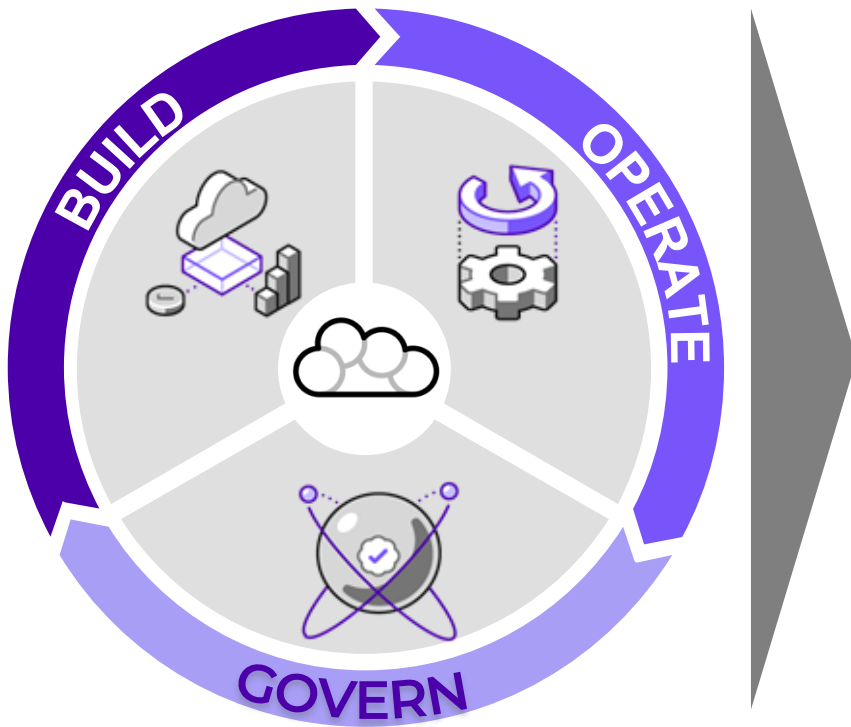




# Building a Cloud Operating Model

# NCM Accelerates the Cloud Operating Model

by Enabling Customers to...



## BUILD

- Deploy standardized infrastructure anywhere through self-service marketplace and infrastructure-as-code

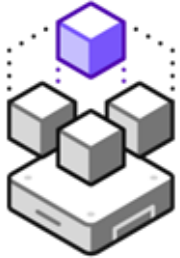
## OPERATE

- Manage infrastructure intelligently with AI-driven monitoring and automated remediation

## GOVERN

- Enforce consistent security, compliance, and cost controls across hybrid environments

# Build



## Self-Service Catalog

- Deploy **standardized infrastructure** through self-service marketplace for application teams
- Ensure **consistent deployment** across any environment with reusable templates and runbooks that enforce security and compliance standards



## Service Integrations

- Integrate with **ServiceNow** for automated provisioning while maintaining compliance
- Enable infrastructure deployment through **CI/CD pipelines** for streamlined releases



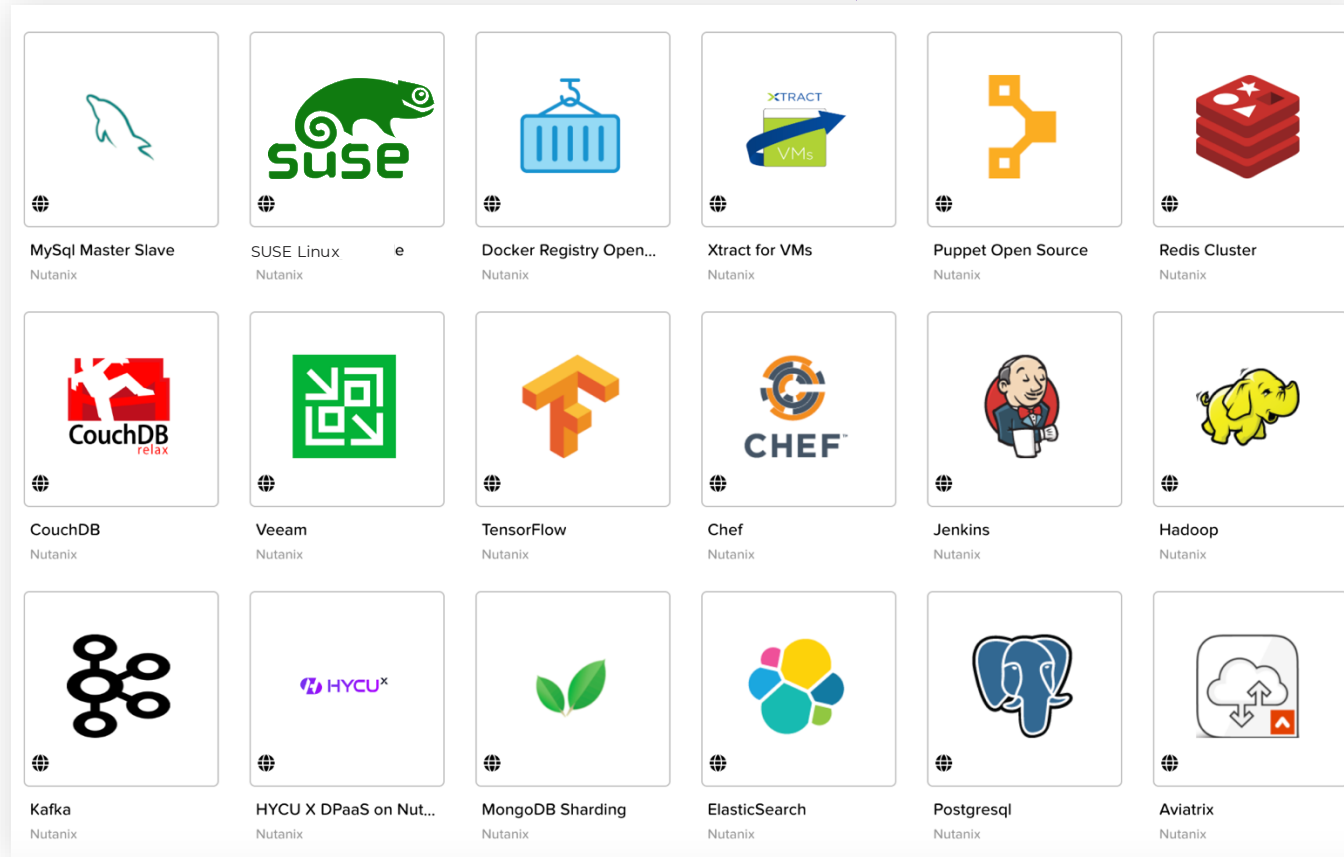
## Infra-as-Code for Platforms

- Deploy **standardized platforms** with enterprise integrations across multiple sites
- Use **Terraform** to manage infrastructure provisioning and lifecycle automation

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“Our delivery time is **incomparably** faster than what it was. **NCM Self-Service** allows you to have a framework where it is very easy to automate in a standardized way.”

# Self-Service Marketplace

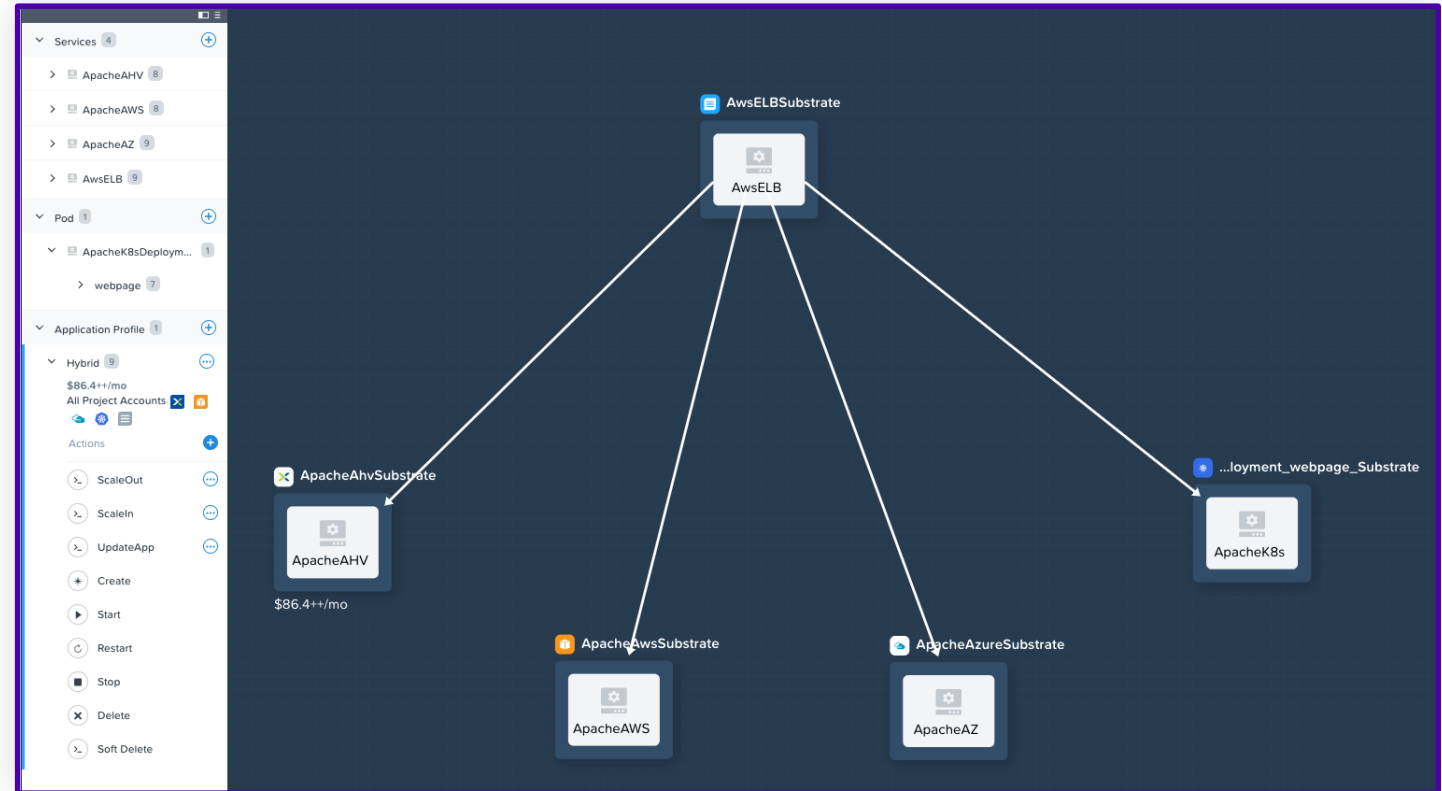


50+ Pre-integrated blueprints

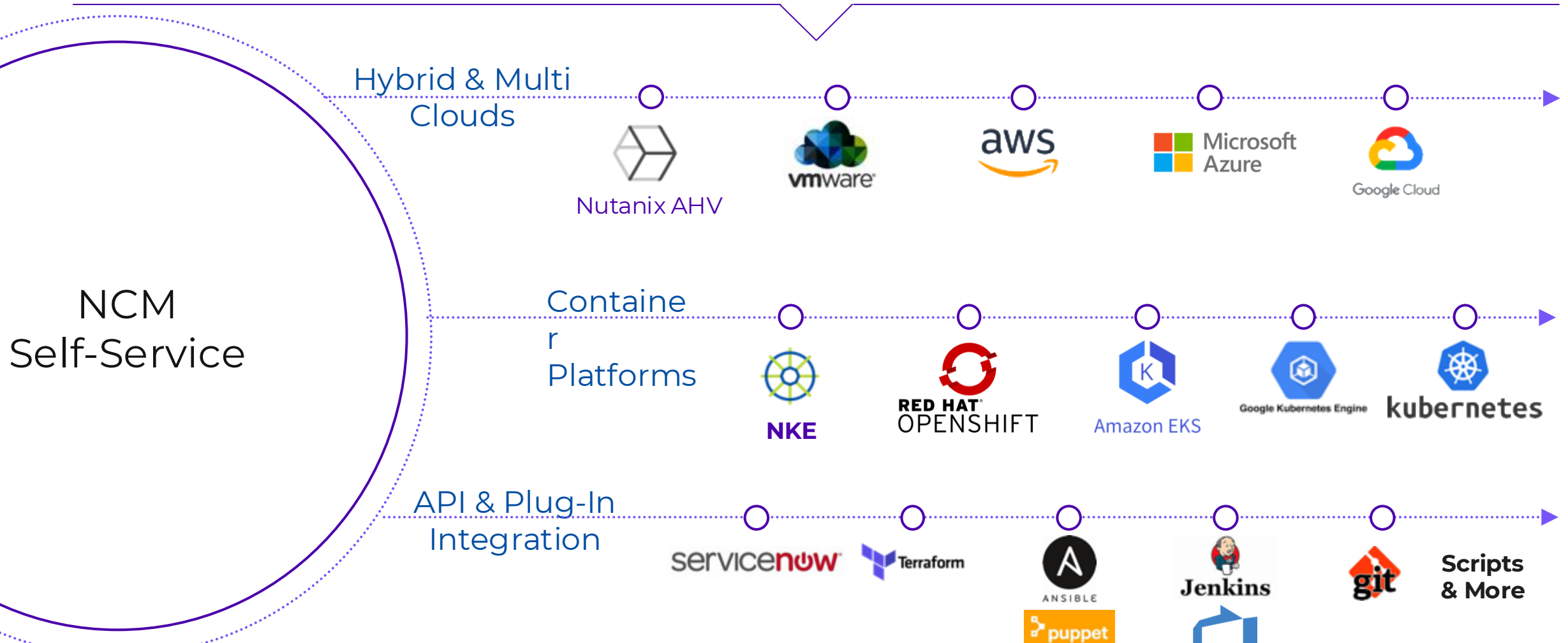
Publish custom apps to marketplace

# Multi-machine Application Blueprint

- 1 Infrastructure and Application provisioning anywhere
- 2 Lifecycle management across clouds: scale-out/in, start/stop/restart, with custom-actions support too
- 3 Not just VMs but PaaS too like: RDS, ELB, Blob storage, ...



# Mix and Match Clouds and Tooling



NCM  
Self-Service

By leveraging Nutanix (Calm) hybrid cloud technology, we are able to accelerate **the adoption of DevSecOps** within our engineering centres, ... to accelerate the value creation for our customers.”  
Omar Fathi, VP and CIO, L3Harris

# Operate



## Intelligent Visibility & Insights

- Gain visibility across hybrid cloud infrastructure to **forecast capacity** needs and detect **resource inefficiencies**
- Drive better decisions with comprehensive **cost analytics** and customizable **reporting**



## Proactive Issue Detection

- Accelerate troubleshooting with AI-powered correlation of **alerts** and **network flows** for rapid RCA
- Strengthen security posture by detecting **ransomware threats** and automatically recommending micro-seg policies



## Policy-Based Automation

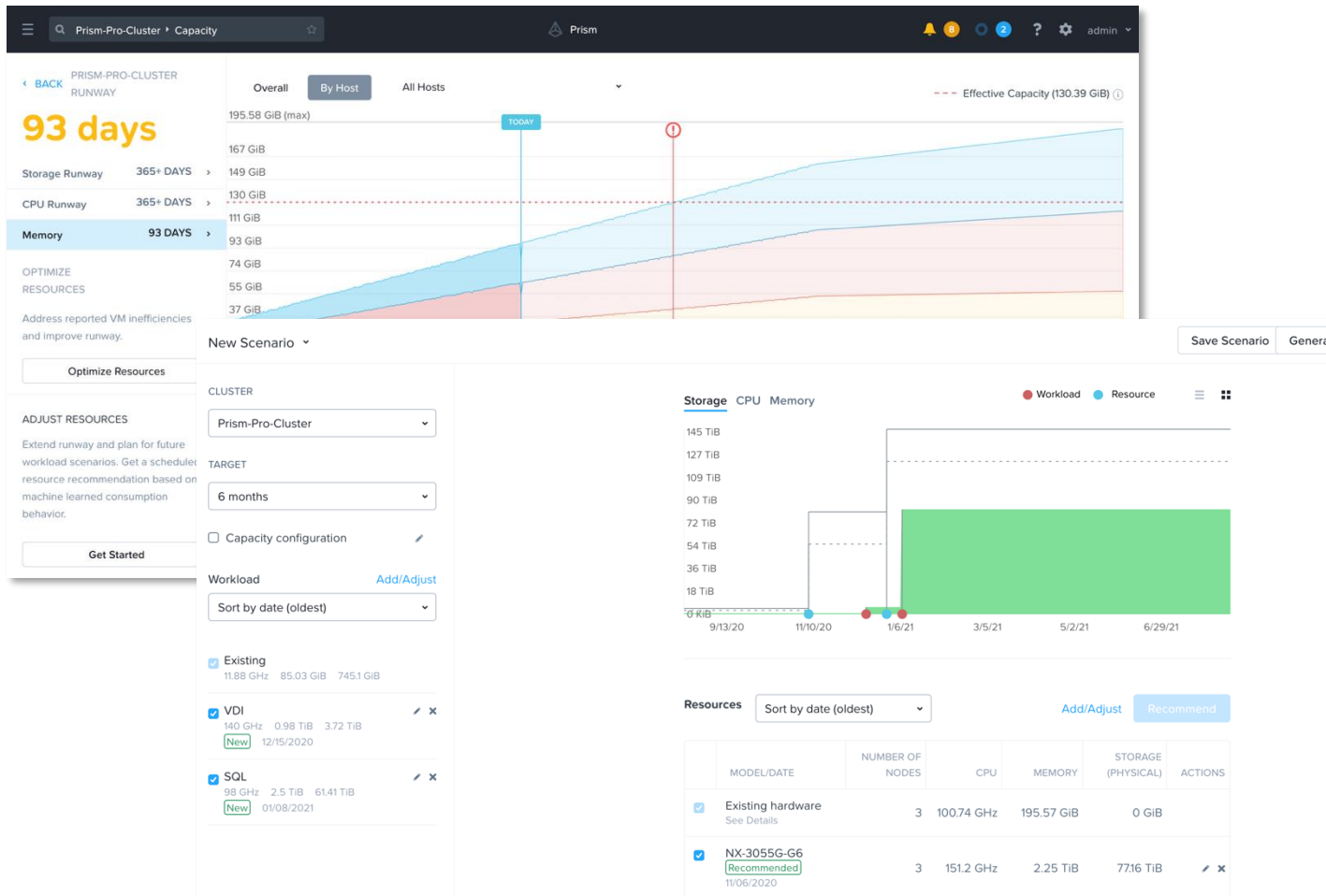
- Create **no-code workflows** to fix infrastructure issues and costs for close-loop remediation
- **Automate complex tasks** across infrastructure while ensuring automated security incident response

---

The **NCM Intelligent Ops** predictions are really amazing. It is really helpful for planning in advance (e.g., 6 months, 1 year, or 2 years) the capacity for the cluster. ..

# How to Plan and do JIT Forecasting

Keep resources used efficiently



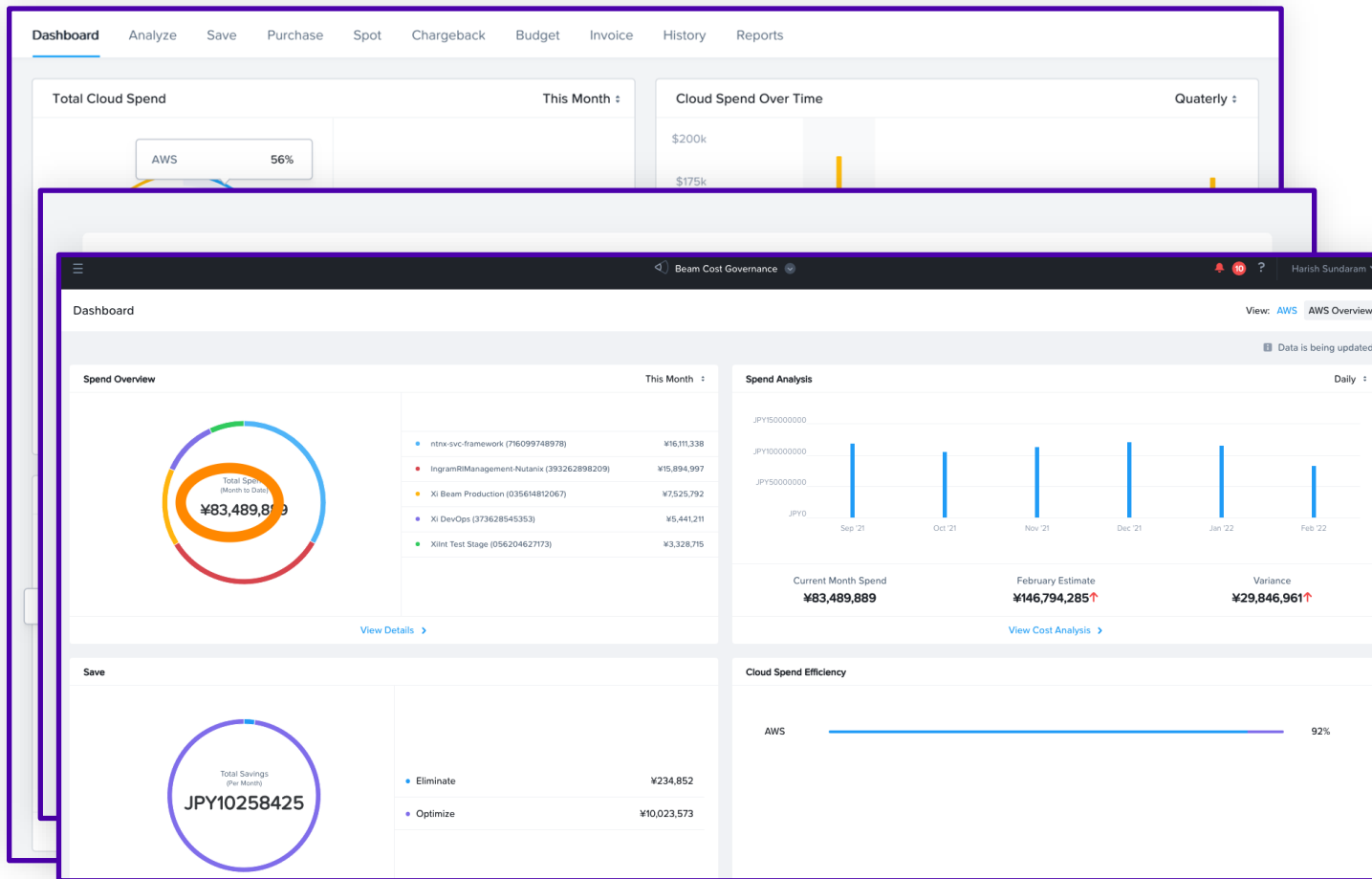
## What is it?

- Detailed capacity forecast
- Scenario-based analysis
- One-click recommendation for just-in-time expansion
- Ready-to-present PDF report
- Powered by X-FIT machine learning engine

## Benefits:

- Early warning for capacity shortage
- Eliminates guesswork and waste
- Enables pay as you grow capacity expansion to match the business demand

# Unified Spend Dashboards & Analytics



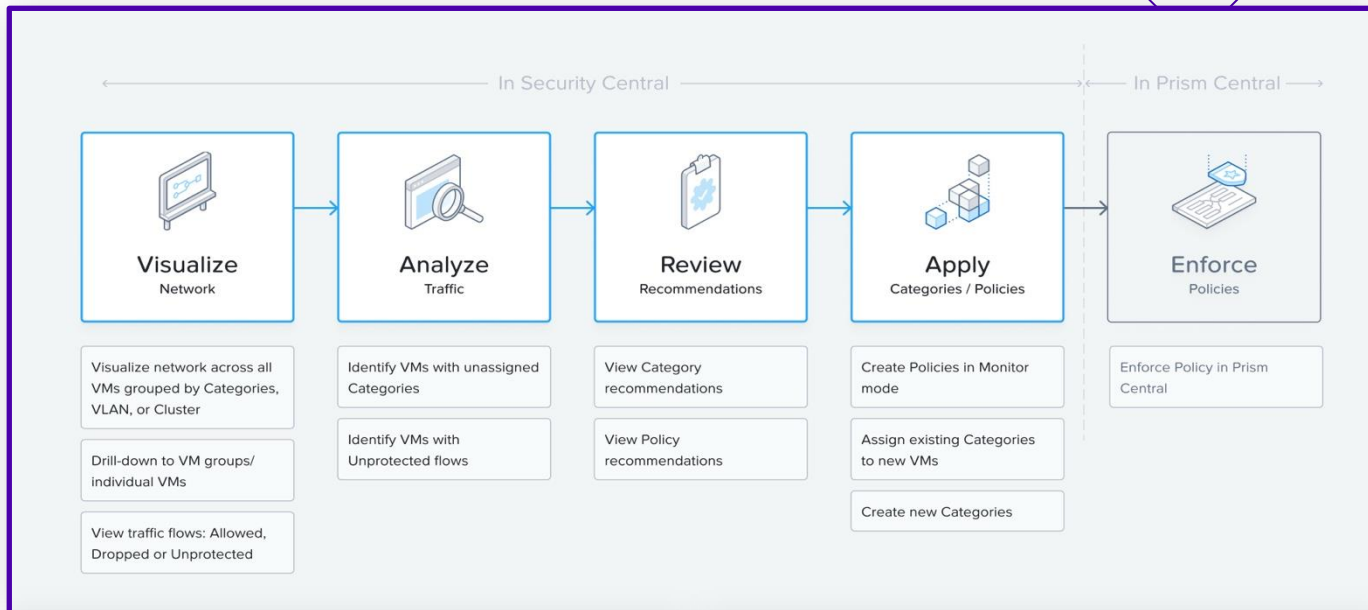
## What is it?

- Unified dashboards for Public and Private cloud spend
- ML based intelligent alerts
- All three major public clouds supported with multi-currency support

## Benefits:

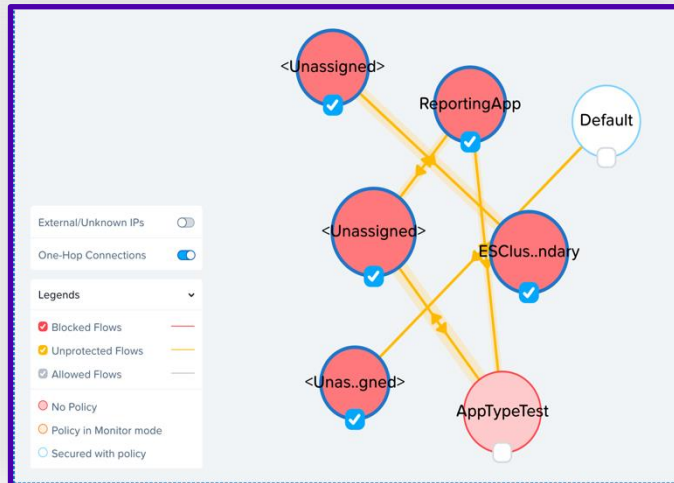
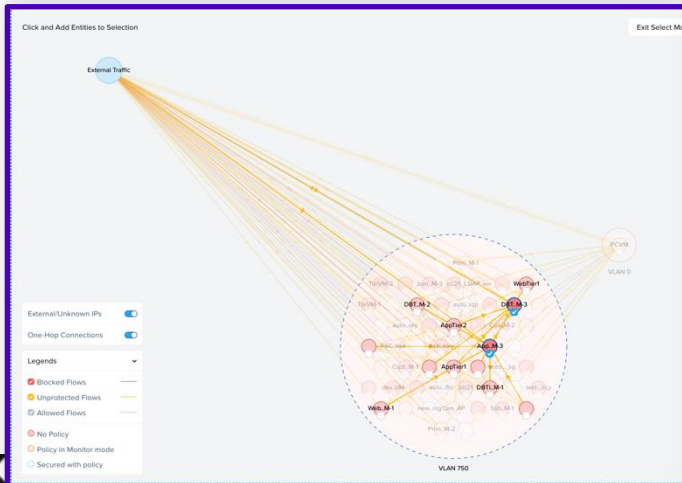
- Single pane for all Cost Data
- Alerts for Spend anomalies
- Enables trye hybrid-multi cloud cost governance

# Network Security Planning



## What is it?

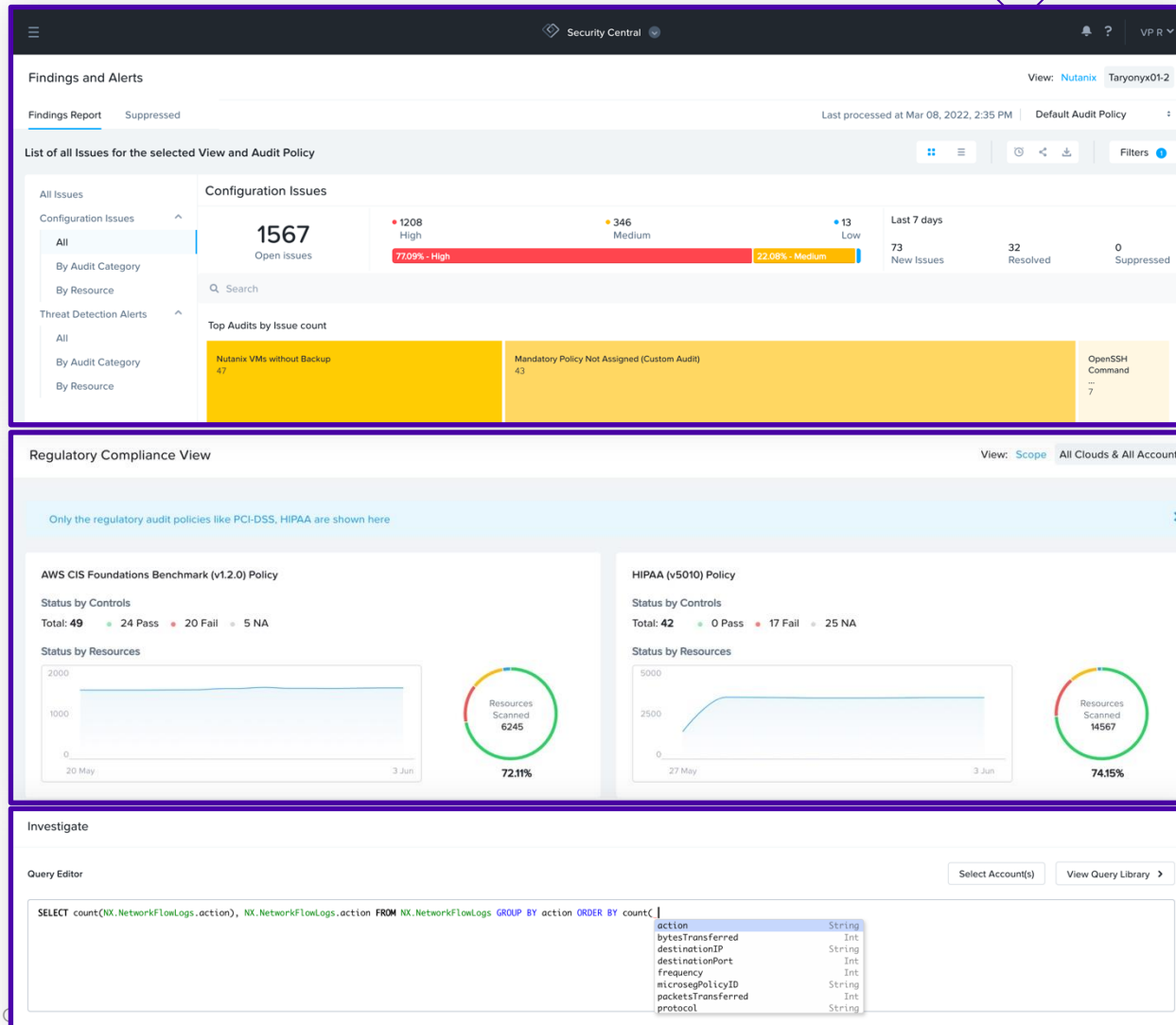
- Day-0 Security – Visualization
- Categorize VMs: Manual & Auto suggest
- Define Policies Multicloud playbooks stretch across on-prem and public clouds



## Benefits:

- Visualize application and external traffic flow
- ML Based VM Groups Suggestion, with multi-Category support
- ML Based Inbound/Outbound Rules + Monitor Mode for Policies

# Enforce Compliance & Investigate



## What is it?

- Security Monitoring with 24x7 compliance check
- Query network logs with Custom Query Language (CQL)
- Reports with Splunk/SNOW Integrations & Rule-based Notifications
- Inventory and Event trail

## Benefits:

- Visual Summary of Alerts and “1-Click” Fix with 800+ OOTB Audits
- Centralize Compliance tasks & trends to track trouble areas and manage evidences
- Rich insights with CQL, with ability to save queries and results

# Govern



## Simplify Compliance

- Strengthen **security with continuous assessment** against threats.
- **Compliance with standards & regulations** (e.g., HIPAA, PCI, GDPR, CIS, NIST, etc) and **custom audit** policies



## Enforce Business Policies

- **Automated policies** for snapshots, approvals, and security across the application lifecycle
- **Customizable guardrails** that align with organizational security requirements



## Smart Fin-Ops

- Drive **financial accountability** with automated chargeback strategies and granular cost allocation
- **Optimize spend** through departmental quotas, budget controls, and **real-time usage alerts**

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**NCM Cost Gov** has allowed us to see a very diverse set of accounts in one interface, enabling cost control in a transparent fashion and saving thousands of dollars per month.

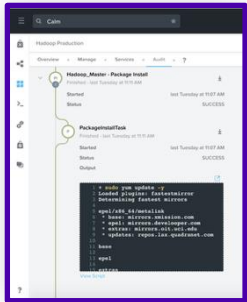
# Enterprise Governance

## End-to-End Audits

1 Every action and the response is logged

2 Identify who did what and why across environments

3 Export logs to your choice of logging system for archival

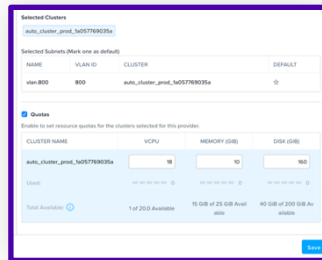


## Policy Engine & Quotas

1 Global Quotas applicable across for AHV + ESX

2 Project Level quotas per cluster

3 Real-time usage and enforcement

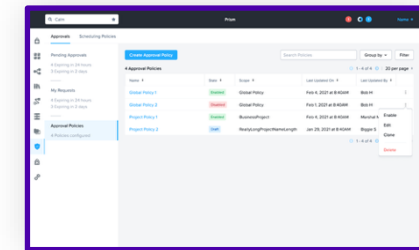


## Scheduler & Approvals

1 Ability to schedule Runbooks, App Actions & Blueprints

2 Create recurring and one-time jobs with Audits

3 Policies & persona for out-of-the-Box ITSM functionality



# Cloud Management for the Hybrid World

NCM helps **Build, Operate, and Govern Hybrid Clouds**

