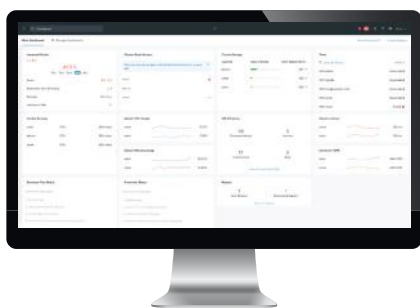


Nutanix Cloud Manager

Intelligent Operations

NCM Intelligent Operations



Nutanix Cloud Manager Intelligent Operations (formerly Prism Pro/Ultimate) is an end-to-end consumer-grade management and operations solution for virtualized datacenter environments that brings unprecedented simplicity by combining several aspects of administration, reporting, and intelligent automation for IT Operations. NCM Intelligent Ops is available in NCM Starter and Pro tiers – to learn more about additional functionality offered in NCM tiers, please navigate [here](#).

NCM Pro tier adds Advanced AI Operations capabilities that address IT Ops teams' workflow. With these, NCM intelligently plans and optimizes for capacity, proactively detects performance anomalies, and enables codeless automation of operations tasks. These are capabilities powered by machine learning and work with major ITSM tools. Also included in the operations tiers are advanced application insights and automation for troubleshooting applications.

NCM Intelligent Ops features can be accessed via the Prism Central console (PC) which is included with all NCM licensing tiers. PC provides a unified interface for managing all your clusters, globally, from a single management interface.

AUTOMATED OPTIMIZATION AND REMEDIATION

Intelligent Ops includes a powerful application and VM-centric capacity forecast, planning, and optimization engine powered by Nutanix's X-Fit algorithm.

- **Capacity Behavior Analytics:** Predictive analysis of capacity usage and trends based on workload behavior enabling pay-as-you-grow scaling.
- **Capacity Optimization:** Inefficiency detection in resource usage and automated optimization of VM sizing based on behavioral analysis.
- **Anomaly Detection:** Predictive monitoring-based machine learning to generate actionable signals and provide early warnings.



OPERATIONAL AUTOMATION

Intelligent Ops' X-Play links intuitive signals with automated actions. Build codeless automation routines and improve operations productivity

- **Codeless Task Automation:** Create playbooks for common troubleshooting steps. These playbooks can be triggered automatically based on the alert policies.
- **Action Gallery:** A collection of out-of-the-box actions for notification, VM management, reporting, and scheduling. It also includes the REST and script actions that can connect to your existing tools and systems.
- **Ticketing Integration:** Integrates with ServiceNow, Jira and other IT service management tools to track infrastructure shortages, automate ticket creation, and resolve alerts and incidents within ITSM systems.



APPLICATION INSIGHTS AND BROAD AUTOMATION

Intelligent Ops can quickly isolate problems between the infrastructure and application stack. Now get intelligent alerts for application metrics as well.

- **Applicating Discovery:** Real-time agentless discovery of applications, via IPFIX data, gives an understanding of the full stack of applications.
- **Application Monitoring:** Visibility into databases, queries and metrics to reduce RCA time for application issues.
- **Non-AOS VM Monitoring and Automation:** A single pane for entire virtual infrastructure, even non-AOS environments, including monitoring, alerts, and playbook automation.

Notes:

- NCM licenses can be purchased and applied on the number of physical CPU cores capacity in your deployment. Licenses are portable across hardware platforms and are available in 1 through 5-year term option
- Intelligent Ops will also available as a fully managed SaaS option - Operations as a Service - and will be available to purchase as à la carte. Please contact Nutanix Sales for further details
- NCM Intelligent Ops fits into NCM tiers - to see how these features are broken into tiers, please go to the [Nutanix Cloud Platform Software Options page](#)

* NCM Pro tier also includes Self-Service and Orchestration and Cost Governance functionality in addition to IT Operations

	NCM STARTER	NCM PRO*
Ideal for	Infrastructure AIOps: Monitoring, planning, right-sizing and low code automation	IaaS across private and public clouds, plus cost governance
Intelligent Operations		
Reporting	✓	✓
Capacity Forecast and Planning	✓	✓
Resource inefficiency Detection and Right-sizing	✓	✓
Support for ESXi on non-NCI Environments	✓	✓
Low-code/No-code Operations Automation	✓	✓
SQL Server Monitoring for IT Ops		✓
Application Discovery		✓
Self-tuning with Machine Learning		✓



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