

Nutanix Cloud Infrastructure and Cloud Manager (NCI / NCM)

Information on Nutanix Cloud Infrastructure and Cloud Manager can be found below, with a link to further information as required.

Nutanix Cloud Infrastructure (NCI)

Nutanix Cloud Infrastructure (NCI) is a distributed infrastructure platform for enterprise IT applications. NCI software combines compute, storage, and networking resources from a cluster of servers into a single logical pool with integrated resiliency, security, performance, and simplified administration. With NCI, organizations can efficiently deploy and manage data and applications across datacentre, edge, and cloud environments without the complexity or cost of traditional infrastructure. Now IT can spend less time and money on infrastructure management and give users the ability to easily manage their own workloads.

Inclusions:

- **Nutanix AOS:** scale-out storage technology that makes hyperconverged infrastructure (HCI) possible.
- **Nutanix AHV:** lightweight cloud hypervisor built into NCI and offers enterprise-grade virtualization capabilities and built-in Kubernetes support.
- **Nutanix Disaster Recovery:** a natively integrated DR solution that helps organizations stay prepared in the face of a disaster while minimizing data loss and downtime.
- **Prism:** management UI including Prism Element and Prism Central for infrastructure management, authentication, RBAC; REST APIs for integration with existing management systems
- **Insights:** proactive alerts and support relating to the Nutanix managed infrastructure
- **Lifecycle Manager (LCM):** upgrade coordination and management; Foundation and Foundation Central for initial deployment
- **Nutanix Unified Storage (NUS):** 1 TiB included for files/objects storage

Additional information can be found [here](#).

Nutanix Cloud Manager (NCM)

NCM is a holistic [multicloud management platform](#), that makes it easier for enterprises to build, use, operate, and govern their applications and IT infrastructure. It offers intelligent operations, including monitoring, insights, and automated remediation. Self-service and orchestration streamline team tasks for scaling applications in hybrid clouds. NCM also enhances financial accountability, offering cost governance, resource optimization, and clear cloud metering and chargeback visibility. Moreover, it unifies security operations across clouds, automating incident response through intelligent analysis and compliance tools. Together with Nutanix Cloud Infrastructure, NCM forms the basis of Nutanix Cloud Platform (NCP) which delivers a consistent operating model across all types of clouds: public, private, and hybrid.

Inclusions:

- **Intelligent Operations**
 - NCM Intelligent Operations enables customers to optimize virtualization and infrastructure management, forecast capacity needs, proactively detect performance anomalies, and automate operational tasks with ease and confidence.
- **Self-Service**
 - NCM Self-Service and Orchestration enable organizations to streamline the way they provision, scale, and manage new or existing applications across multiple environments while managing consumption and governance.
- **Cost Governance**
 - [NCM Cost Governance](#) is a multi-cloud cost governance service that provides customers with visibility, optimization, and control over their multi-cloud deployments for improved cloud consumption.
- **Security Central**
 - Nutanix Security Central provides a single dashboard to plan for, manage, and govern workload security on any cloud type without the need for deep cybersecurity training or additional personnel. The solution also uses intelligent analysis to automate incident response and aid regulatory compliance for strategic initiatives such as zero trust.

Additional information can be found [here](#).

For all queries, contact our frameworks team today:

frameworks@coolspirit.co.uk

01246 454 222

www.coolspirit.co.uk

Local Office: 24 The Bridge Business Centre, Beresford Way, Chesterfield, S41 9FG