

# Hybrid and Multicloud Application Governance and Optimization



## About the Accenture Cloud Innovation Center—Rome

The Accenture Cloud Innovation Center in Rome is a case-driven prototyping center where companies can rapidly evaluate the feasibility and security of cutting-edge cloud services customized for their specific needs, accessible through a catalog of real, tested and customizable use cases, leveraging collaboration with an extensive ecosystem of technology partners and vendors.

[Learn more](#)

## Experience it at the Accenture Cloud Innovation Center

Many enterprises want to utilize a hybrid or multicloud application strategy for a variety of reasons such as cost control and resiliency. Having applications that are capable of spanning private and public clouds reduces the risk of service disruption while making it possible to migrate workloads quickly or switch public cloud providers to prevent lock-in.

However, it is often extremely difficult to deploy and manage applications that span clouds. Deployment processes are error prone and unreliable, and complex management increases costs and decreases business agility. Managing cross-cloud security and optimizing costs are also difficult. Accenture and Nutanix have joined forces to simplify hybrid and multicloud application deployment.

## End-to-End Hybrid and Multicloud Application Management

To address the challenges associated with hybrid and multicloud infrastructure and application automation, monitoring, and governance, Accenture and Nutanix have architected a solution—based on Nutanix Cloud Manager (NCM) Self-Service and Orchestration, NCM Cost Governance and Prism Central—to simplify and accelerate hybrid and multicloud adoption.

The combination of Accenture's long-standing expertise in demanding enterprise environments and innovative Nutanix technologies enables your IT organization to automate and optimize hybrid and multicloud application deployment and management from a single console, taking advantage of:

- **1-Click application provisioning.** Streamlined multi-tier and hybrid/multicloud application deployments using pre-defined blueprints.
- **Visual tools.** Simplified blueprint design, dependency mapping, and monitoring with intuitive graphical displays.
- **Scale-up and scale-down.** Automated and fully customizable scaling of application components in response to load and public cloud costs.

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## Multicloud Advantages



Scale



Rapid Innovation



Avoiding Vendor Lock-in



Decreased Time to Market



Resiliency



Lower IT Costs



Agility



Enhanced Security

## Performance Optimization

- **Capacity and cost monitoring.** Advanced, cross-cloud monitoring and capacity and cost optimization.
- **Security compliance.** Integrated, real-time monitoring and remediation to ensure adherence to security policies.
- **ITSM integration.** Centralized ITSM dashboard and workflow management via ServiceNow or your preferred ITSM provider.

Accenture collaborates with your team and Nutanix to define and deploy the necessary components, enable and integrate the solution in your environment, and customize it to your needs.

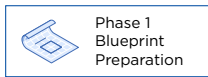
The resulting framework enables you to automatically deploy additional instances of an application whenever needed while avoiding security compliance issues, making application services consumable via your ITSM or self-service portal, and saving up to 35% on public cloud spending\*.

\*This figure has been calculated based on existing Nutanix customers' Beam implementations and PoCs.

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## Intuitive Hybrid and Multicloud Workflows

Once the Nutanix components are in place, Accenture has defined a four-phase workflow to manage the application lifecycle leveraging ITSM integration:



Phase 1  
Blueprint  
Preparation



Phase 2  
Application  
Activation



Phase 3  
Application  
Scale-up



Phase 4  
Application  
Scale-down

- |   |   |  |   |
|---|---|--|---|
| <ul style="list-style-type: none"><li>• Define, set-up, and test app</li><li>• Create blueprint with NCM Self-Service and Orchestration</li><li>• Upload blueprint to ITSM provider</li></ul> | <ul style="list-style-type: none"><li>• End-user launches app from ITSM*</li><li>• NCM Self-Service and Orchestration deploys blueprint in chosen cloudsm</li><li>• App monitored via Nutanix Prism and NCM Cost Governance</li></ul> | <ul style="list-style-type: none"><li>• If usage exceeds limit, Prism triggers alert</li><li>• NCM Self-Service and Orchestration adds resources/ VMs to address load*</li></ul> | <ul style="list-style-type: none"><li>• Load subsides; Beam identifies overprovisioned condition</li><li>• NCM Self-Service and Orchestration releases resources*</li></ul> |
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\*Step can be customized and tailored to customers' needs.

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## Powered by Nutanix

Nutanix technologies help unify your operations across public cloud and on-premises environments, bringing hybrid/multicloud operations to enterprise workloads—and making cloud-spanning architectures a reality.

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## Key Benefits

### Rapid Innovation

Blueprinting, automated provisioning, and rapid application deployment help speed up innovation

### Decreased time to market

Clearly defined workflows and rapid innovation cut your time to market

### Avoid vendor lock-in

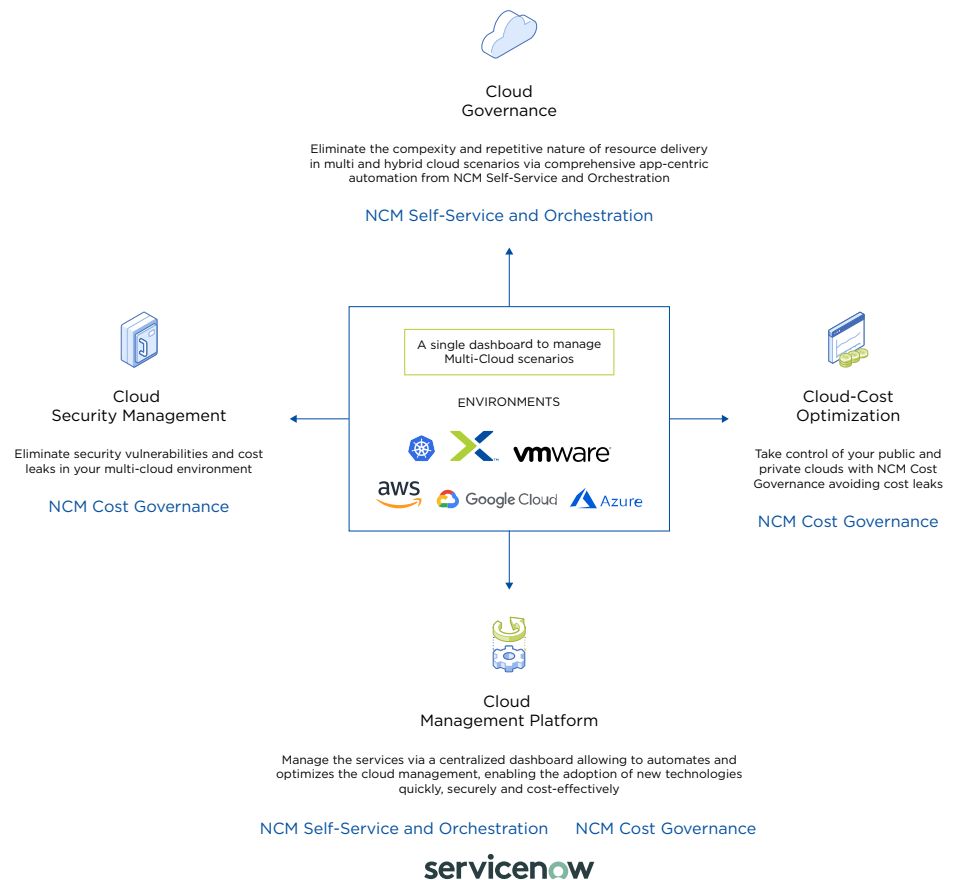
Leverage multiple public clouds without excessive complexity

### Improve agility

Accelerate application deployment with end-to-end process automation for provisioning and other lifecycle actions, like scaling up and down

### Increased security and decreased costs

Multicloud security and cost control for optimal results



Components used in this joint solution include:

- **NCM Self-Service and Orchestration.** Hybrid cloud orchestration and advanced lifecycle management across teams and clouds.
- **NCM Cost Governance.** Cost control and security governance for private and public clouds. Reduce hybrid cloud spend by 35% or more.
- **Nutanix Move.** Automated “lift and shift” VM migrations, integrates Nutanix best practices for optimal VM performance and significant time and cost savings.
- **Nutanix Prism.** Global Nutanix infrastructure management from one console to simplify common workflows and make hypervisor and workload management easier.

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## Getting Started

To learn more about how Accenture and Nutanix can add value to your enterprise, please email us at [accenture@nutanix.com](mailto:accenture@nutanix.com).



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