

Project Nucleus

Infrastructure as Code
Cloud Platform



Nucleus
CLOUD SERVICES

Nucleus

With DXC's Nucleus, we have created a global IaC asset library aligned to industry and cloud provider best practice so you can automate the deployment of cloud services - ensuring consistency, compliance and speed across your entire enterprise.

Nucleus leverages the latest IaC capabilities maintained and curated by DXC's 30,000+ Cloud Engineers to help reduce errors, cut costs, and respond rapidly to market demands. Imagine deploying your entire infrastructure with the push of a button — DXC Nucleus makes that a reality.

Whether DXC provides Cloud Professional or Managed Services we can enable you to accelerate your cloud maturity with Nucleus.

Project Nucleus

Infrastructure as Code Cloud Platform

DXC Technology has developed **Nucleus** an Infrastructure as Code (IaC) Cloud Platform, which offers a streamlined, secure, and cost-effective way to manage cloud deployments, ultimately leading to improved business outcomes.



Scope/Overview

- **CI/CD Support:** Enables automated build, test, and deployment of applications.
- **Infrastructure as Code:** Provides version control, repeatability, and consistency to cloud environments.
- **Security Integration:** Incorporates automated security checks and audits in the DevOps process.
- **Policy as Code:** Ensures cloud deployments comply with organizational and regulatory standards.
- **Monitoring and Logging:** Offers real-time monitoring and logging of applications and infrastructure.
- **Scalability and Performance Management:** Manages application performance and resource scaling.



Value Proposition

- **Efficiency:** Automated CI/CD pipelines and IaC reduce manual effort, speeding up the delivery of applications.
- **Consistency:** IaC ensures consistent and repeatable deployments, reducing errors and inconsistencies.
- **Security:** Integrated security checks and audits enhance the security posture, reducing the risk of breaches.
- **Compliance:** Policy as Code ensures adherence to organizational and regulatory standards, reducing compliance risks.
- **Visibility:** Real-time monitoring and logging provide insights into application performance and infrastructure health.
- **Performance:** Effective scalability and performance management ensure optimal user experience.

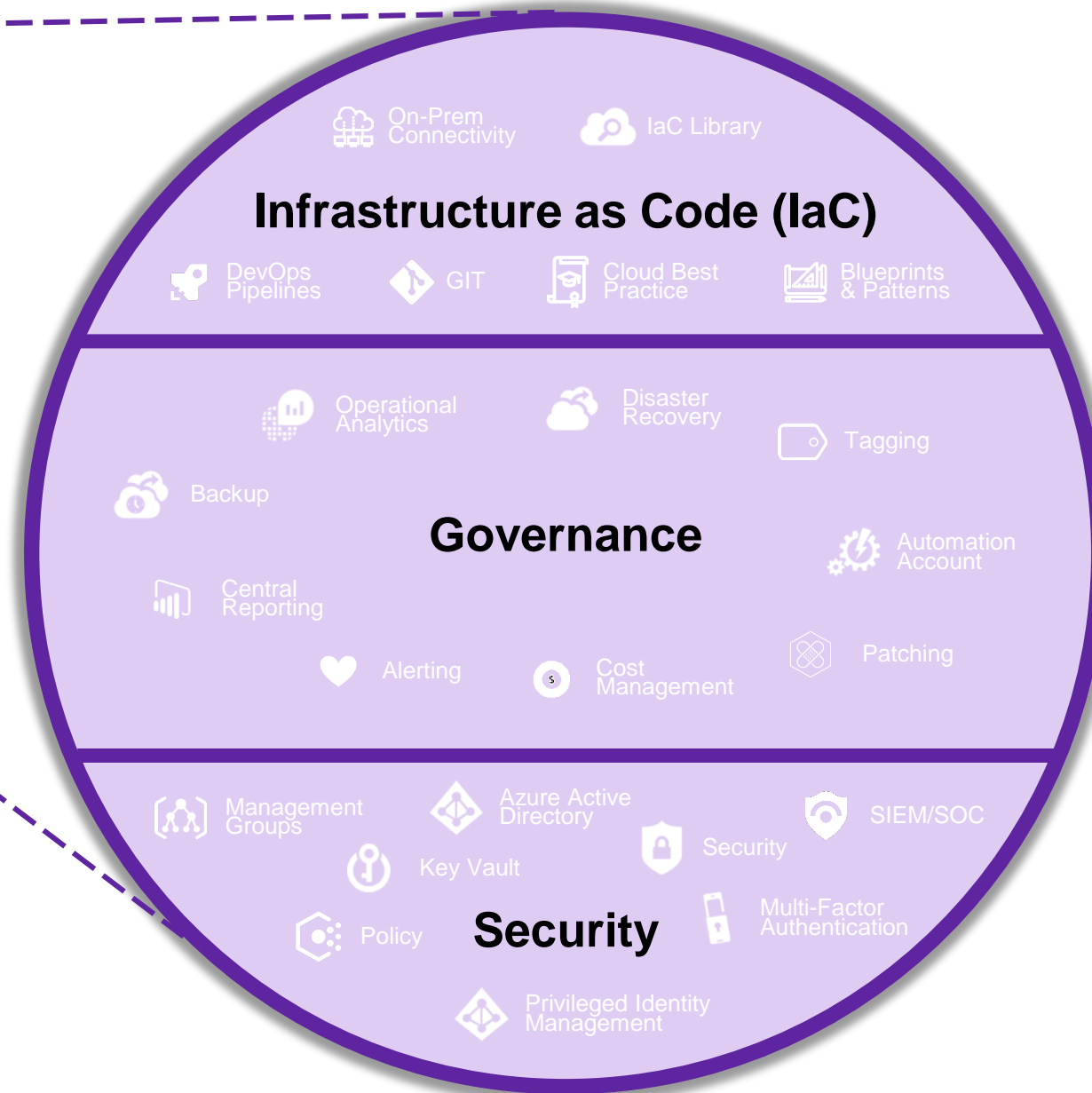


DXC Differentiators

- **Expertise in DevSecOps:** Our deep expertise in DevSecOps and IaC ensures efficient, consistent, and secure cloud deployments.
- **Strategic Partnerships:** Our partnerships with leading cloud providers enhance our service offerings and give us access to the latest technologies.
- **Exceptional Customer Service:** Our commitment to customer service ensures we meet your needs promptly and transparently.
- **Innovation in Cloud Technologies:** Our continual investment in innovation keeps us at the forefront of Cloud DevSecOps, offering you the latest and most effective solutions.
- **Tailored DevSecOps Solutions:** We provide tailored DevSecOps solutions that align with your specific business needs and objectives.

Project Nucleus

Ensuring security, compliance and consistency at its **core**



Questions and answers

