



Data Center Innovation Day

Journey to the Multicloud





Securing Your Multicloud Journey

Strategize and Execute Cloud Security with Cloud Advisory Services

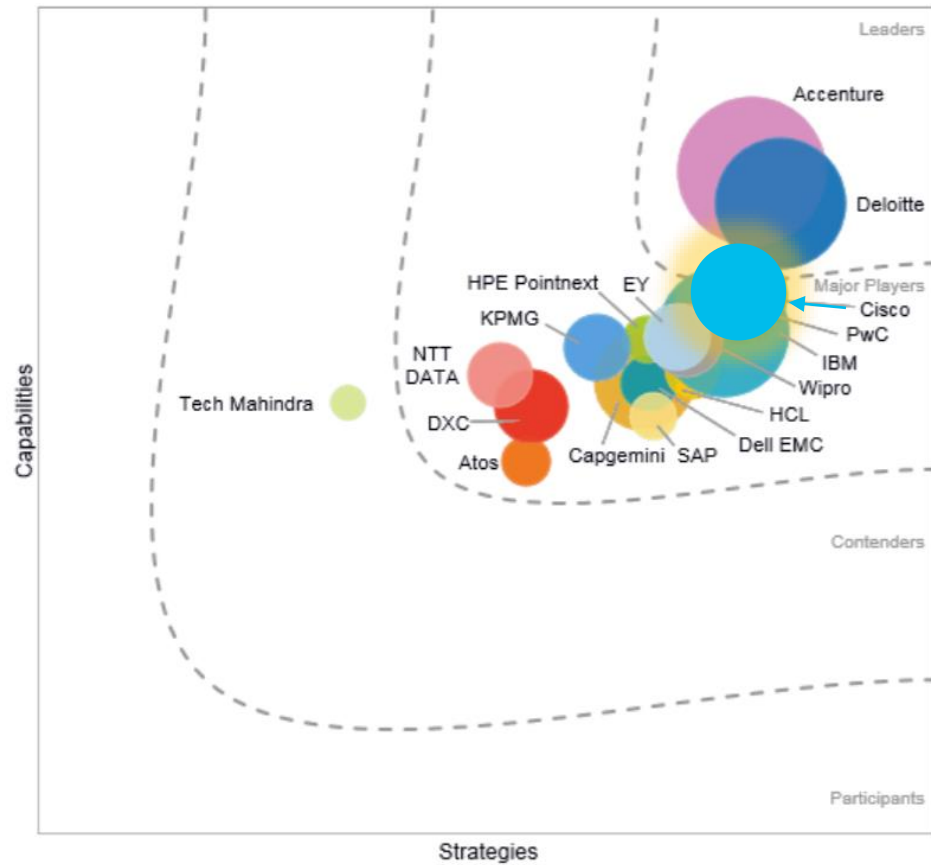
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Principal Business Development Manager – Cloud Services

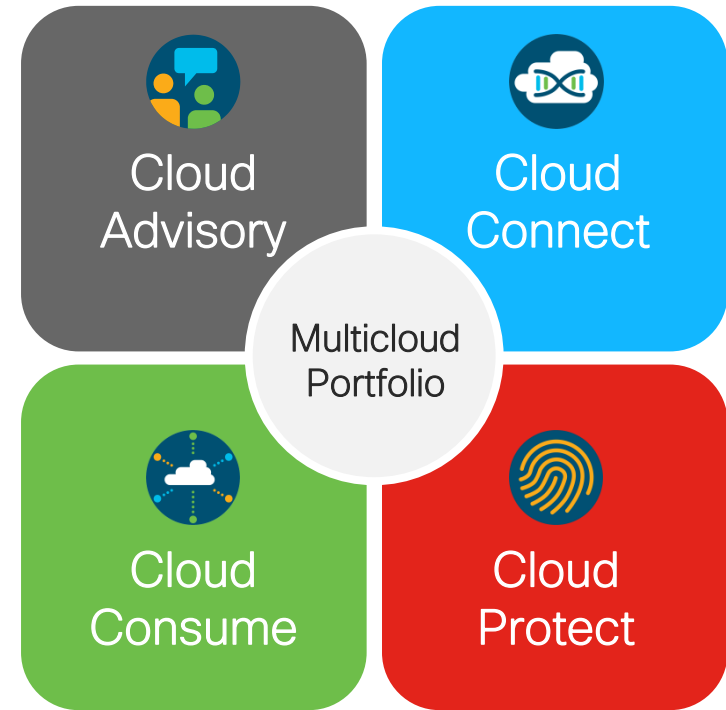
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Cisco is a Leader in Cloud Professional Services

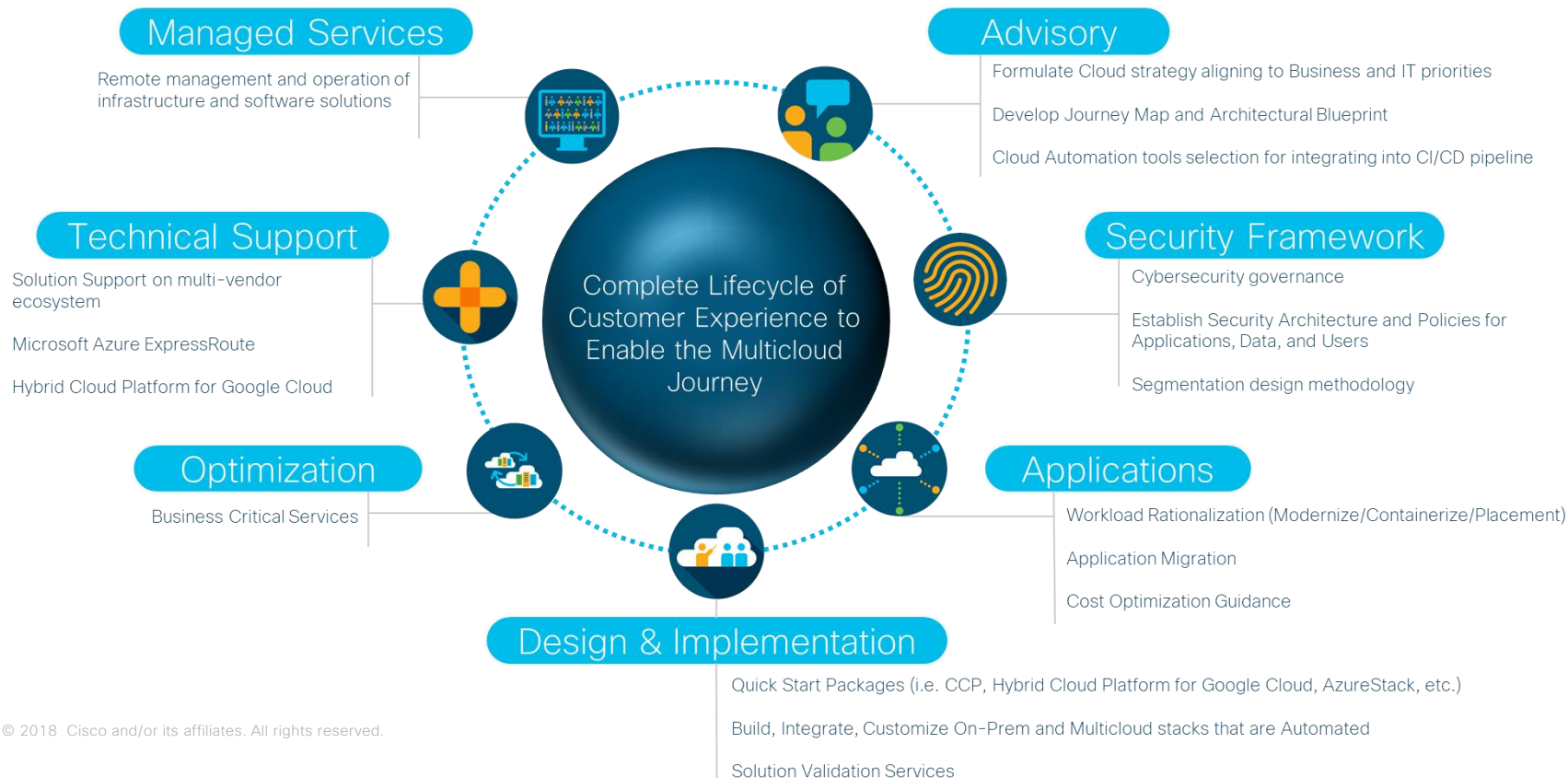
“Consider Cisco when you not only want to thrive in a multicloud world but want a provider that can help you develop network-enabled business processes and share insights from its own network operations data (e.g., telemetry) that can benefit you.”



Cisco Multicloud Portfolio



Cisco Provides our Clients with Full Lifecycle Support Throughout Their Journey to a Multicloud Environment



Cisco Multicloud Advisory Services

- Strategy alignment and cloud roadmap
- Digital service assessment
- Migration
- Business operating model
- Program
- Cloud Security

Cloud Usage Continues to Grow Exponentially

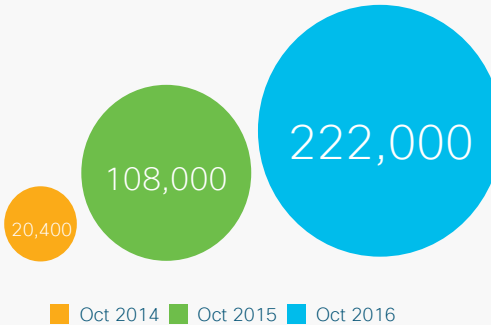
Cloud adoption



Yet, 69% of organizations do not have mature cloud strategies in place

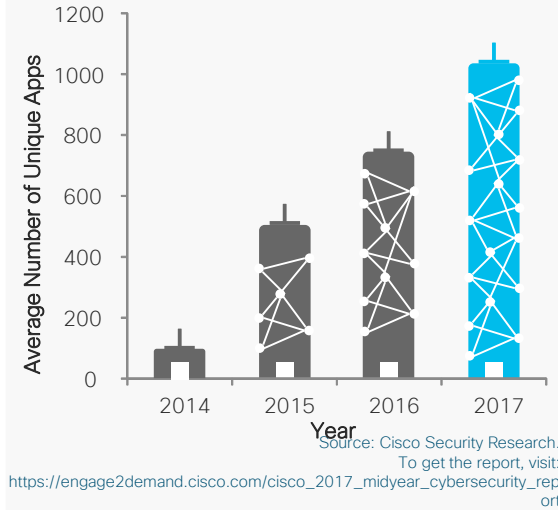
Source: IDC InfoBrief, sponsored by Cisco, September 2016

Growth of third-party cloud applications



Source: Cisco 2017 Annual Cybersecurity Report

Unique connect-cloud apps per organization



Cloud Growth Intensifies Security Challenges

59%

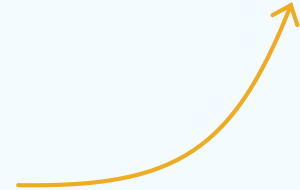
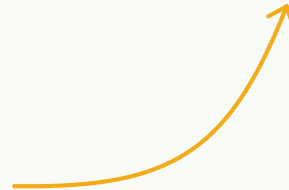
of security professionals said that the cloud infrastructure and mobile devices are among the most challenging to defend against attacks.

Reducing
complexity

Talent
shortage

Speeding
innovation

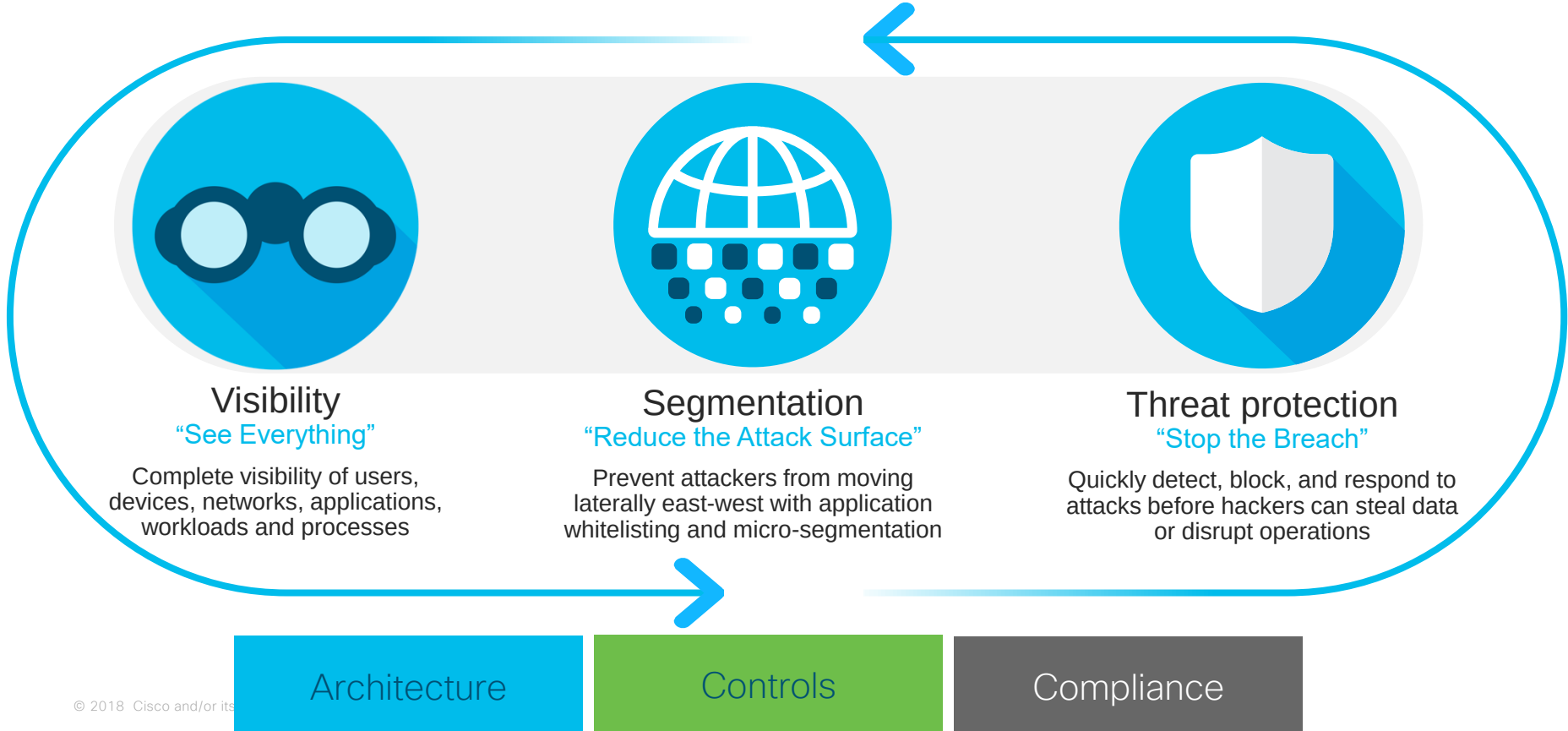
Changing
dynamics

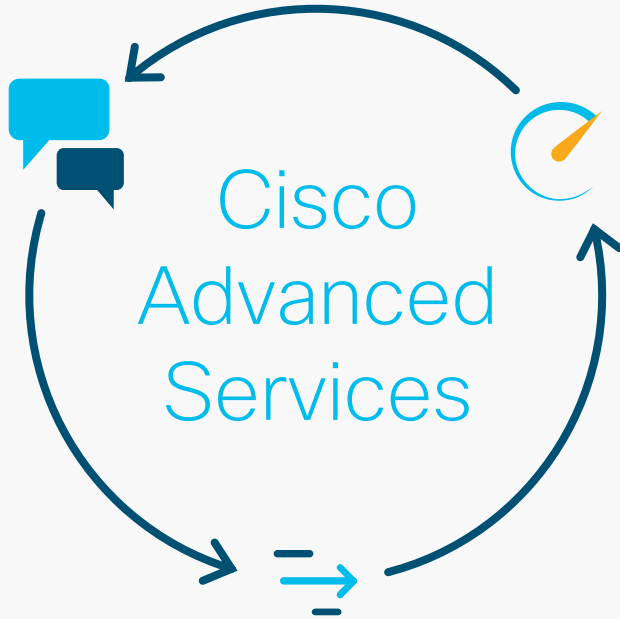


Security is the foundation of mission-critical Multicloud systems

- Organize a process for selecting cloud providers
- Consider the impact that new services have on the security posture of the organization
- Define and understand methods for visibility and control

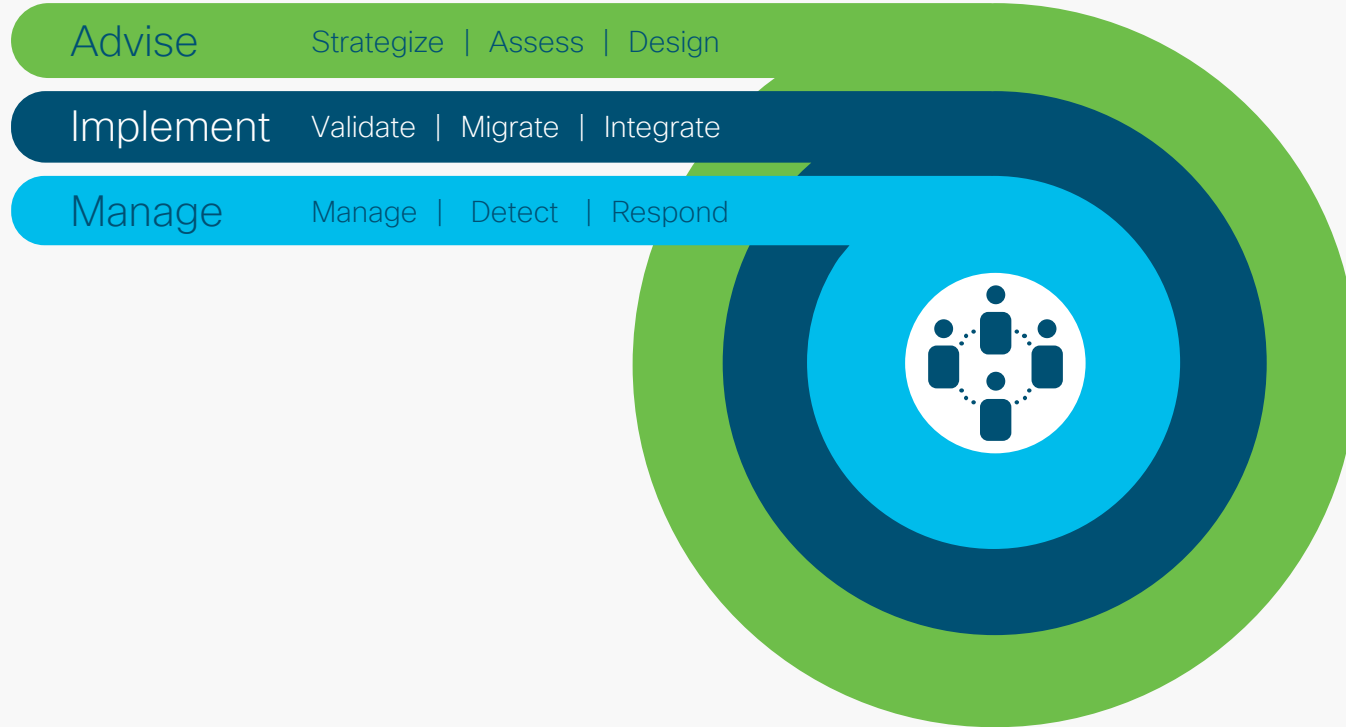
Cisco Secure Multicloud considerations





As a global networking leader and technology visionary, we deliver value by providing **advisory, implementation, and managed services** expertise throughout our customers' digital journey to achieve their business goals.

Security Services Capabilities Framework



Multicloud Security Advisory Service

Focuses

- On customer-specific business priorities

Includes

- All types of cloud deployments

Incorporates

- Reusable patterns for visibility and control



Workshop based



Designed for midsize to large organizations



Incorporates SaaS, IaaS, and PaaS



Available globally

Multicloud Security Assessment Services

Cloud data protection assessment



Understand the security posture of the data or activity taking place in your cloud SaaS or IaaS deployments.

User entity behavior assessment



Detect potential anomalies in user behavior that suggest malicious behavior in a SaaS service.

Cloud security strategy workshop



Position and enhance cloud security in your current and future states in alignment with business priorities.

Cloud security architecture assessment



Identify areas for security improvements in your current cloud environment.

Cisco Cloud Security Framework

Build a sound strategy to manage your cloud

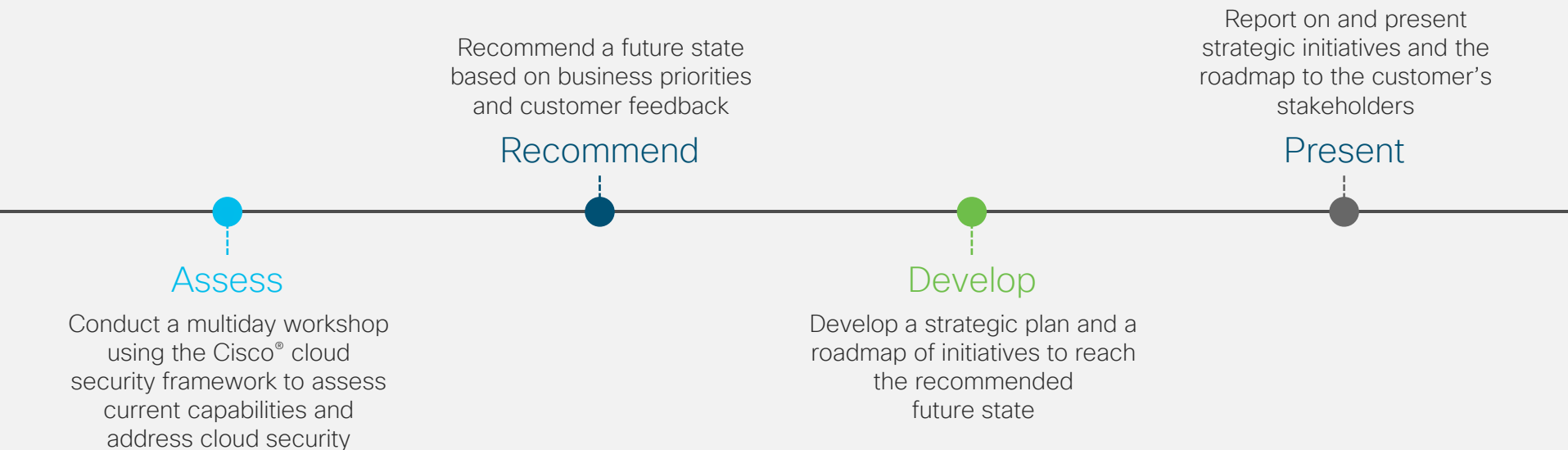
Security strategy				
Cloud strategy	IT governance	Cloud architecture	Regulatory requirements	Risk management
Policy and compliance				
Policy and standards	Data classification	Controls Monitoring	Third-party diligence	E-discovery and litigation support
Secure operations				
Administration	Migration	Portability	Logging and monitoring	Performance management
Threat management	Access and entitlements	Disaster recovery	Incident response and forensics	Identity and access management
Application security				
API integration	Systems development life cycle (SDLC)	Authentication and authorization	Analytics	Self-protection
Data protection				
Segregation	Geo-fencing	Lifecycle management	Integrity	Encryption
Infrastructure security				
Virtual networking	Image management	Host management	Resiliency	Orchestration

Supporting Technologies

Risk management
E-discovery
SIEM
Encryption
Malicious code protection
Vulnerability management
Entitlements management
Identity and access
Cloud brokerage
Cloud migration
Cloud management
Virtual networking
Cloud platform
Virtual platform
Hypervisor

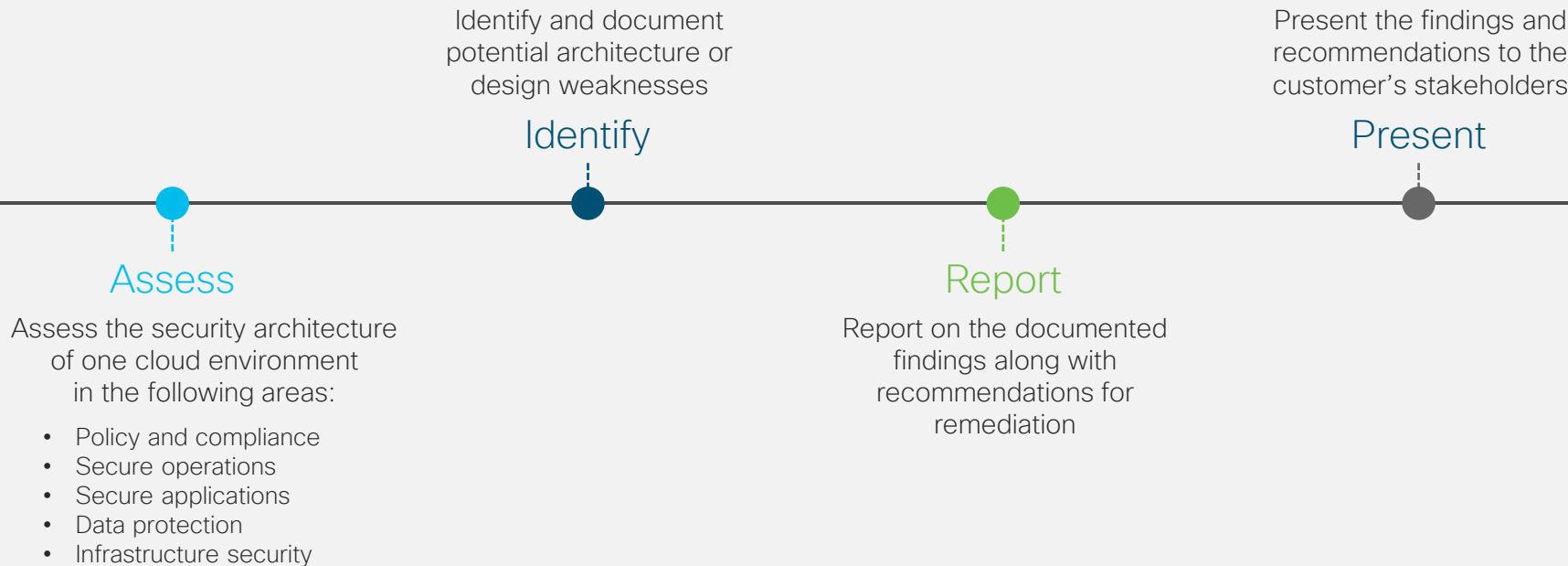
Example Cloud Security Strategy Workshop

Develop a cloud security strategy and roadmap aligned to your business

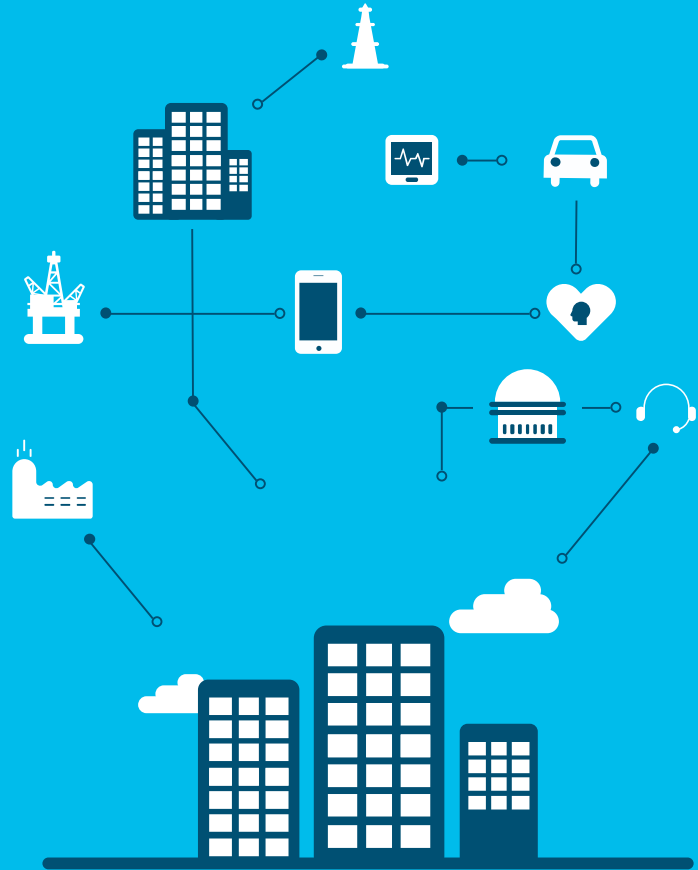


Example Cloud Security Architecture Assessment

Better understand the security posture of your cloud architecture



Case Study





Oil Industry Cloud Security Strategy



Outcomes



Solution



Challenge

- Company wanted to continue moving to the cloud, but there was a gap in their cloud strategy
- Lacked visibility to the cloud services they had and what they needed in the future
- Needed to ensure that compliance (PCI, PII) requirements were met

- Conducted a workshop to understand current information security strategies and processes
- Used the Cisco® Cloud Security Framework to identify potential gaps in the processes and controls for cloud security

- Delivered a SaaS cloud strategy for the company to implement
- Identified gaps in existing tools and processes based on the recommended SaaS security controls
- Created a catalog of the current, secure cloud applications in use and defined the security controls that future ones must include

Our Expertise



We're supported by 10,000 world-class specialists



...with direct access to our



Software and hardware
developers

Product
development
team

Plus, our partners offer:

Certifications



Specializations



Employees



84,000+

22,000+

280,000+

More Information

- [Cisco Security Services](https://cisco.com/go/securityservices)
cisco.com/go/securityservices
- [Cisco Multicloud Security Products & Services](https://cisco.com/go/cloudsecurity)
cisco.com/go/cloudsecurity

