

Microsoft Cloud Assessments

Available Assessments in MS:

1. App and Data Modernization Readiness
2. Azure Landing Zone Review
3. Azure Well-Architected Review
4. Cloud Adoption Strategy Evaluator
5. Cloud Journey Tracker
6. Data Services Well Architected Review
7. Developer Velocity
8. DevOps Capability Assessment
9. Go Live Well Architected Review
10. Governance Benchmark
11. Power Platform Adoption Assessment
12. Strategic Migration Assessment and Readiness
13. MS Cloud for Healthcare

App and Data Modernization Readiness Tool Take the first step in modernizing your workloads by taking this application and modernization assessment.	Azure Landing Zone Review Review your Azure platform readiness so adoption can begin, assess your plan to create a landing zone to host workloads that you plan to build in or migrate to the cloud. This assessment...	Azure Well-Architected Review Examine your workload through the lenses of reliability, cost management, operational excellence, security and performance efficiency [30-60 minutes].	Cloud Adoption Strategy Evaluator Assess your cloud adoption strategy and get recommendations on building or advancing your cloud business case [10 mins]
Cloud Journey Tracker Identify your cloud adoption path based on your needs with this tracker and navigate to relevant content in the Cloud Adoption Framework for Azure. [15 mins]	Data Services Well-Architected Review Examine your data services through the lenses of reliability, cost management, operational excellence, security and performance efficiency [20 minutes].	Developer Velocity Discover the Developer Velocity Index (DVI) score for your organization and get guidance to boost business performance. Sign in required [15 min]	DevOps Capability Assessment Understand current capabilities across the entire software release lifecycle and quickly identify opportunities for improvement based on the Microsoft DevOps practices. [60-120 minutes]
Go-Live Well-Architected Review The Go-Live Assessment helps you holistically evaluate an Azure workload in a go-forward motion across the 5 tenets of the Well-Architected framework.	Governance Benchmark Identify gaps in your organizations current state of governance. Get a personalized benchmark report and curated guidance on how to get started. [30 mins]	Microsoft Cloud for Healthcare Learner Self-Assessment (Preview) This Learner Self-Assessment is built to guide you during your Microsoft Cloud for Healthcare learning journey. It will provide you with unique insights into actions you may take to advance...	Power Platform Adoption Assessment Power Platform's low code approach to solution delivery has enabled thousands of organizations around the world to use technology to transform their business. It does this by enabling more...
Strategic Migration Assessment and Readiness Tool Preparing for a scale migration is critical to ensure your project is executed smoothly and that you realize intended benefits [10 mins]			

Core Pillars in Evaluation:

1. Reliability
2. Security
3. Cost
4. Operational Excellence
5. Performance



Cost Optimization Questions:

1. How are you modeling cloud costs of this workload?
2. How do you govern budgets and application lifespan for this workload?
3. How are you monitoring costs of this workload?
4. How do you optimize the design of this workload?
5. How do you ensure that cloud services are appropriately provisioned?
6. What considerations for DevOps practices are you making in this workload?
7. How do you manage compute costs for this workload?
8. How do you manage networking costs for this workload?
9. How do you manage storage and data costs for this workload?

Azure Optimization

Comprehensive review of your Azure deployment

Four focus domains answer key questions

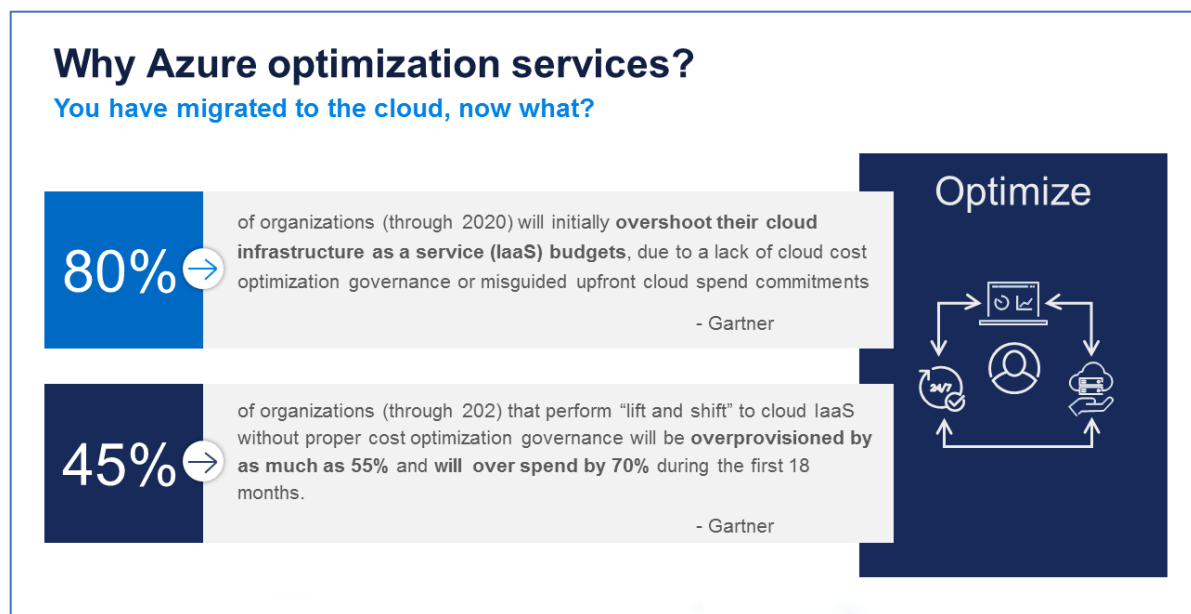
- **Governance & Management** – Is my Azure deployment operated in an efficient way?
- **Architecture** – Is my Azure deployment architected to meet my business objectives?
- **Security & Risk** – Is my Azure deployment exposed to any security or compliance risk?
- **Cost Optimization** – What options are available to optimize my Azure cloud spend?



Performance Efficiency Questions:

1. What design considerations have you made for performance efficiency in your workload?

2. Have you identified the performance targets and non-functional requirements for your workload?
3. How are you ensuring that your workload is elastic and responsive to changes?
4. How have you accounted for capacity and scaling requirements of your workload?
5. What considerations for performance efficiency have you made in your networking stack?
6. How are you managing your data to handle scale?
7. How are you testing to ensure that you workload can appropriately handle user load?
8. How are you benchmarking your workload?
9. How have you modeled the health of your workload?
10. How are you monitoring to ensure the workload is scaling appropriately?
11. What common problems do you have steps to troubleshoot in your operations playbook?








Reliability Questions:

1. What reliability targets and metrics have you defined for your application?
2. How have you ensured that your application architecture is resilient to failures?
3. How have you ensured required capacity and services are available in targeted regions?
4. How are you handling disaster recovery for this workload?
5. What decisions have been taken to ensure the application platform meets your reliability requirements?
6. What decisions have been taken to ensure the data platform meets your reliability requirements?
7. How does your application logic handle exceptions and errors?
8. What decisions have been taken to ensure networking and connectivity meets your reliability requirements?
9. What reliability allowances for scalability and performance have you made?

10. What reliability allowances for security have you made?
11. What reliability allowances for operations have you made?
12. How do you test the application to ensure it is fault tolerant?
13. How do you monitor and measure application health?

Security Questions:

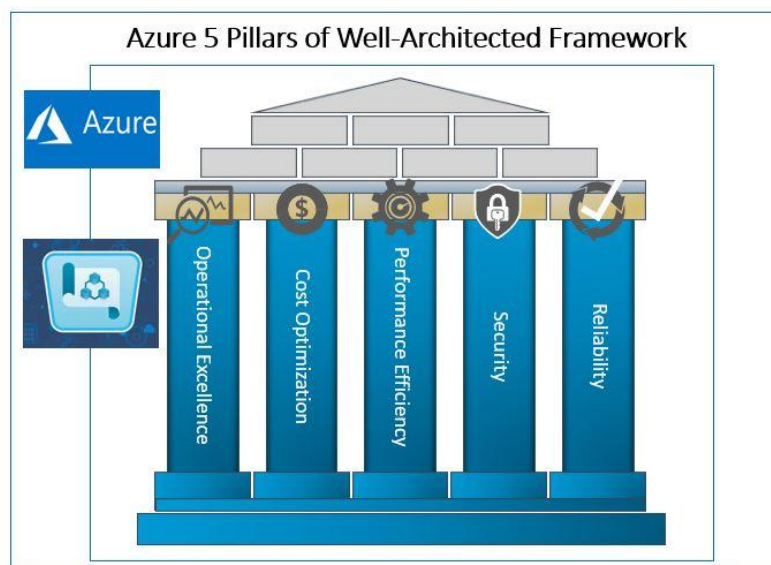
1. Have you done a threat analysis of your workload?
2. What considerations for compliance and governance did you make in this workload?
3. What practices and tools have you implemented as part of the development cycle?
4. Have you adopted a formal secure DevOps approach to building and maintaining software?
5. Is the workload developed and configured in a secure way?
6. How are you monitoring security-related events in this workload?
7. How is security validated and how do you handle incident response when breach happens?
8. How is connectivity secured for this workload?
9. How have you secured the network of your workload?
10. How are you managing encryption for this workload?
11. Are keys, secrets and certificates managed in a secure way?
12. What security controls do you have in place for access to Azure infrastructure?
13. How are you managing identity for this workload?

1	Do you know who is accessing your data? Go beyond passwords and protect against identity compromise, while automatically identifying potential breaches before they cause damage.	
2	Can you grant access to your data based on risk in real time? Microsoft's Intelligent Security Graph uses trillions of signals to associate risk in real time. Grant, restrict, or deny access based on risk in real time and challenge users through Multi-Factor Authentication for proving their identity.	
3	Can you quickly find and react to a breach? Help proactively guard against threats, use advanced analytics to identify breaches, and automate responses for your Azure environment.	
4	Can you protect your data in the cloud, and in transit? Protect content in creation, transit, and consumption. Use cloud applications without putting company information at risk, by adding protection ranging from access privileges to data encryption.	
5	Are you using industry standard security controls? Implement security policies that are based on standards widely recognized by the industry: CIS, PCI, ISO 27001, SOC 2. Enable advanced alerting mechanisms and remediate in a timely manner any violations of those policies.	

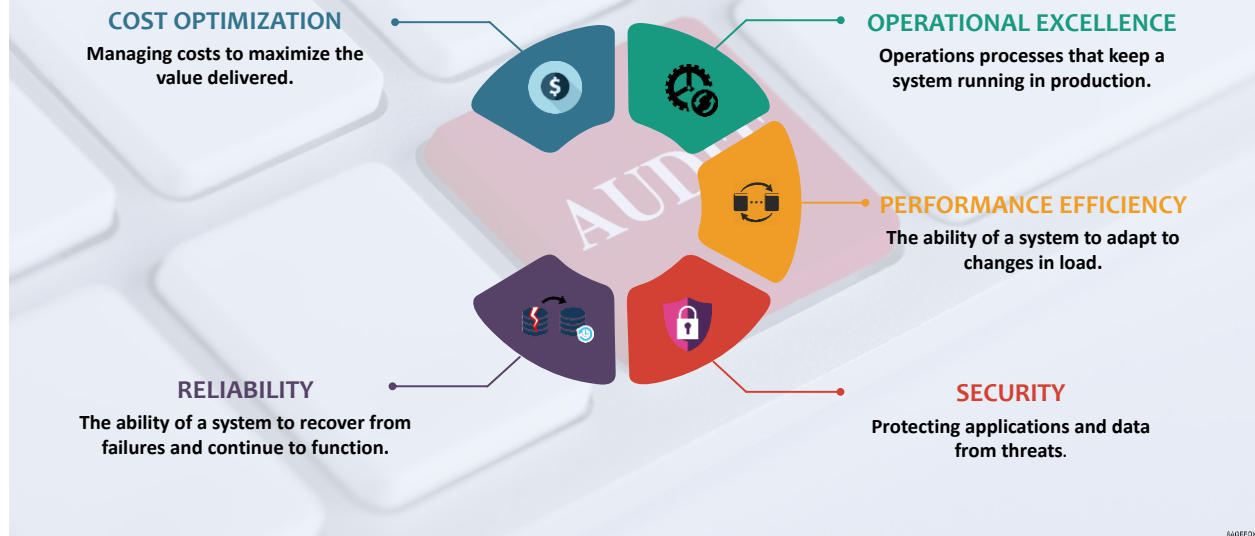
Operational Excellence Questions:

1. Have you identified and planned out the roles and responsibilities to ensure your workload follows operational excellence best practices?
2. What design considerations for operations have you made?
3. Have you defined key scenarios for your workload and how they relate to operational targets and non-functional requirements?
4. How are you monitoring your resources?
5. How do you interpret the collected data to inform about application health?
6. How do you visualize workload data and then alert relevant teams when issues occur?
7. How are you using Azure platform notifications and updates?
8. What is your approach to recovery and failover?
9. How are scale operations performed?
10. How are you managing the configuration of your workload?
11. What operational considerations are you making regarding the deployment of your workload?
12. What operational considerations are you making regarding the deployment of your infrastructure?
13. How are you managing and distributing your patches?
14. How are you testing and validating your workload?
15. What processes and procedures have you adopted to optimize workload operability?
16. What operational excellence allowances for reliability have you made?
17. What operational excellence allowances for cost have you made?
18. What operational excellence allowances for security have you made?

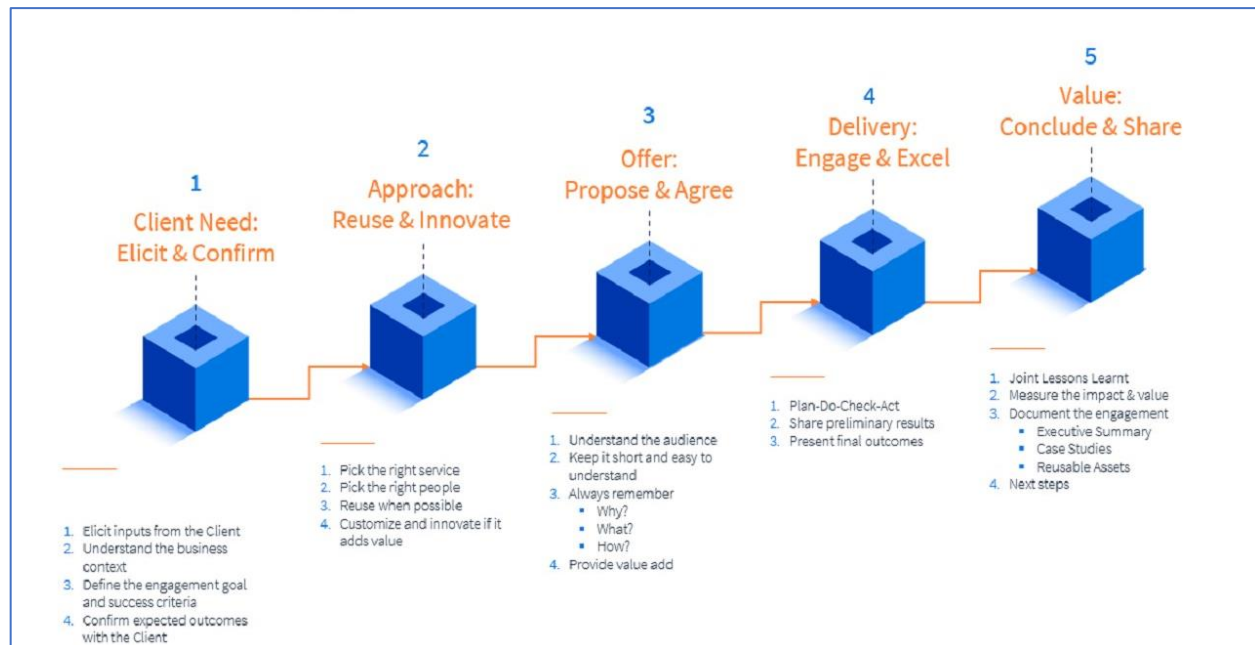
Well Architected Framework:



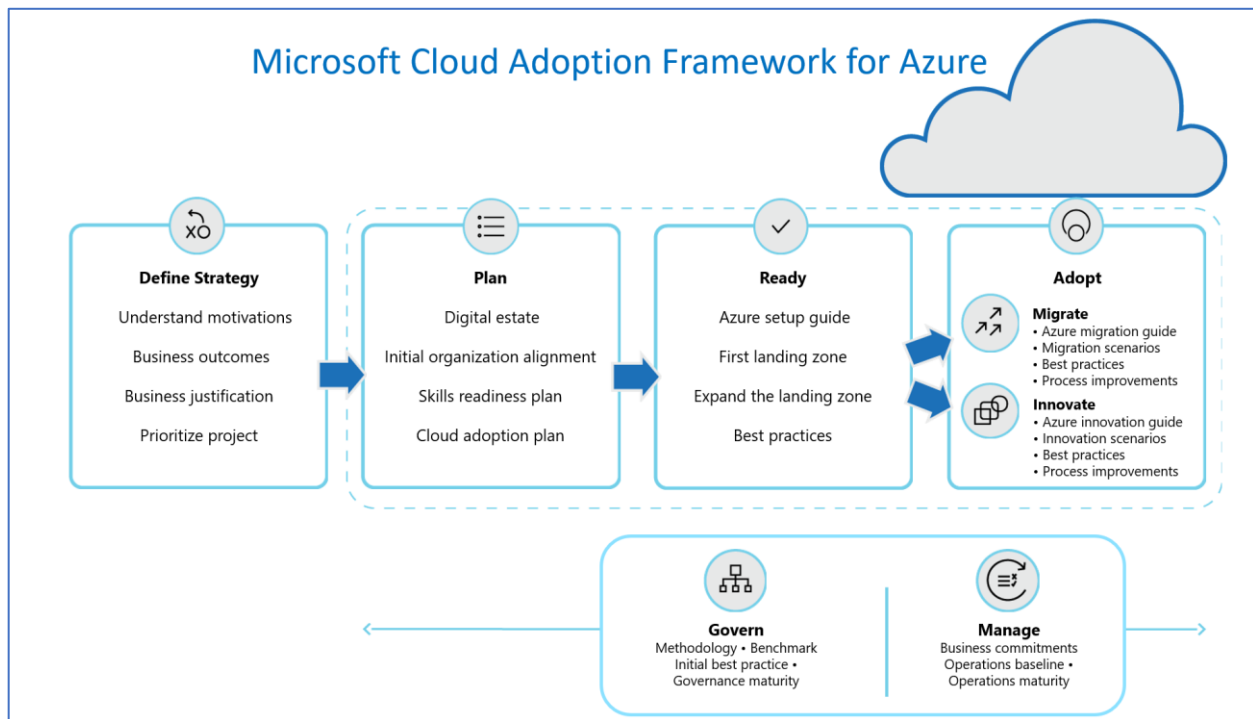
WELL-ARCHITECTED FRAMEWORK



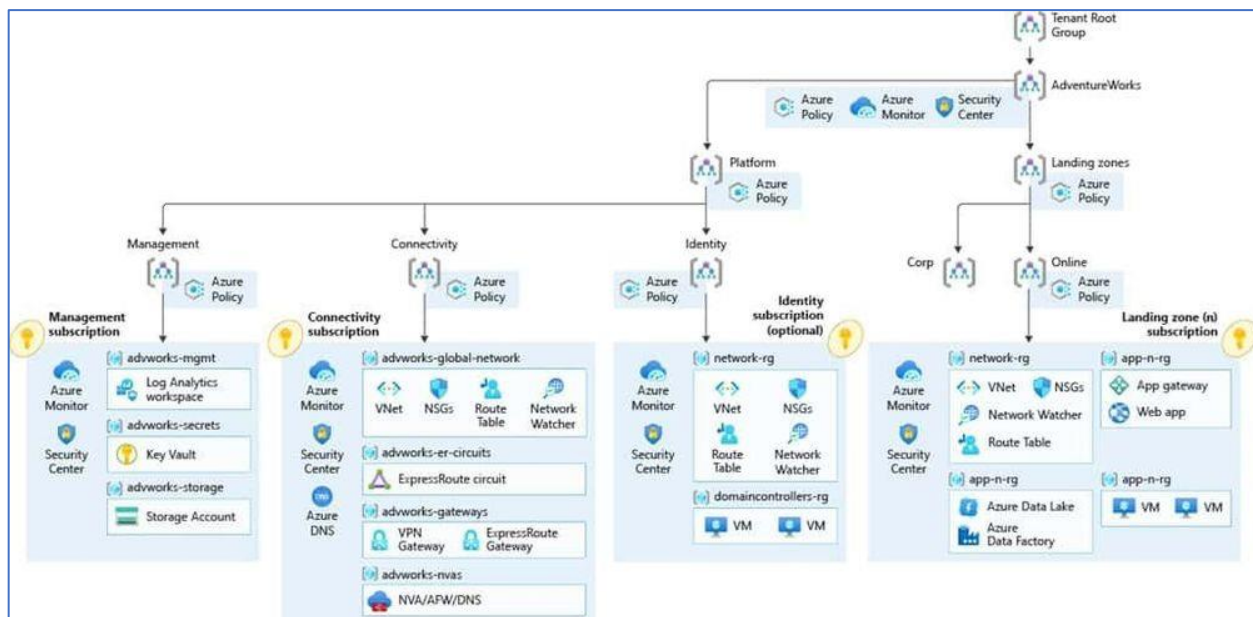
How do we do it on the Framework?



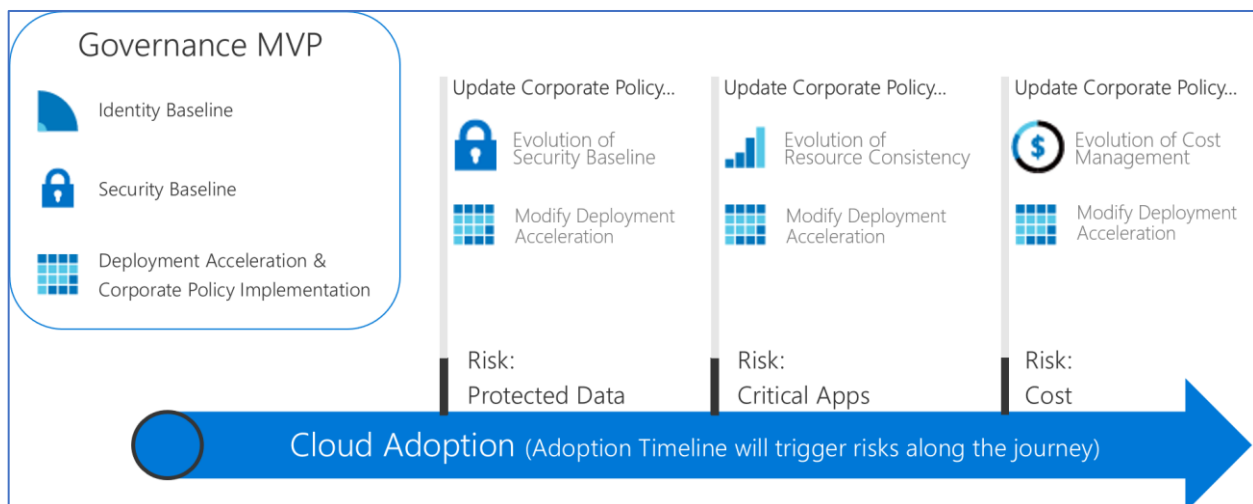
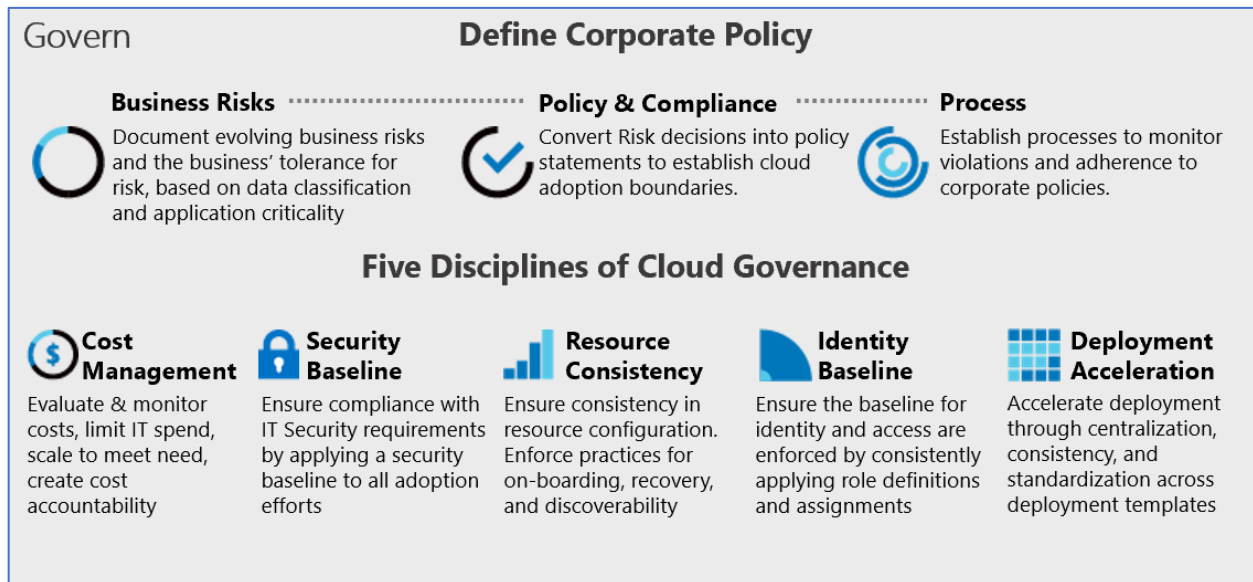
Cloud Framework used for Azure:



Cloud Adoption Framework:



Cloud GRC Methodology:



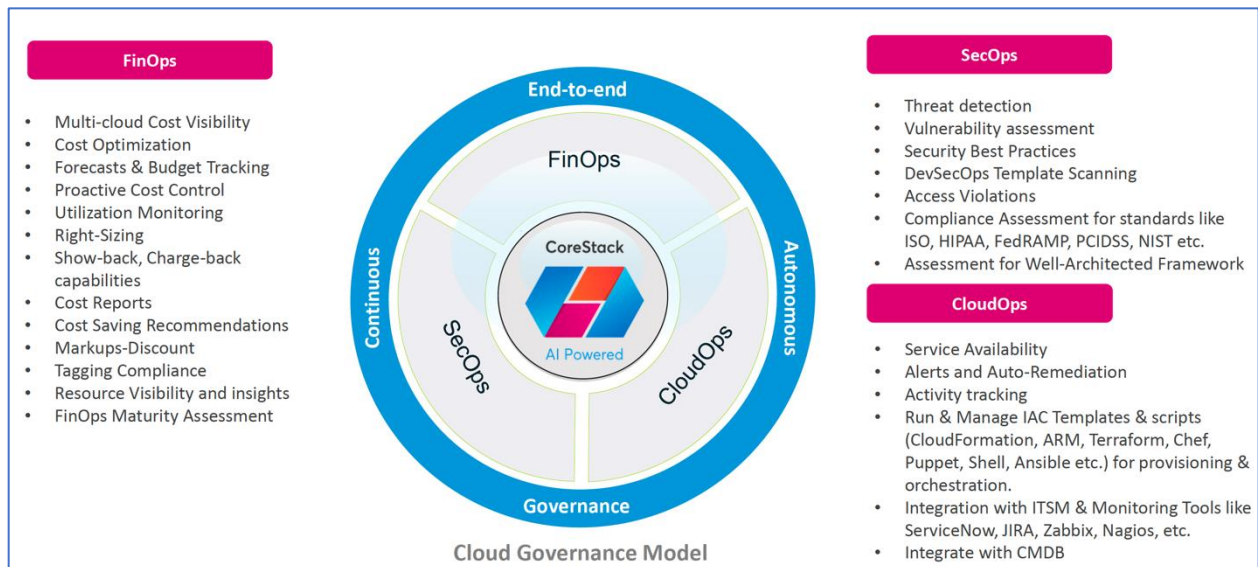
Typical Engagement Steps and Process:

First Meeting – Discovery Call	<ul style="list-style-type: none">• Validate client drivers• Confirm intrinsic value of CoreStack
Technical Deep Dive Demo	<ul style="list-style-type: none">• Identify suitable use cases and in-depth demo of the product• Confirm environmental suitability
Proof of Value (POV)	<ul style="list-style-type: none">• Execute real data validation of key desired outcomes of identified use cases• Customer will start testing CoreStack platform with the use cases defined.
Joint Review -Business Value Assessment	<ul style="list-style-type: none">• Customer team and CoreStack team will have a joint review along with the respective stake holders and exec sponsor(s) to review the outcome and define next steps of business engagement
Final business case 'echo back' & POV evidence to customer	<ul style="list-style-type: none">• Confirm technical validation and adoption• Validate business justification and formulate next steps and agreement for joint success plan
Commercial Discussion & Contract Signing	<ul style="list-style-type: none">• Commercial proposal and contract signing• Enablement and adoption during rollout
Joint Success Plan EXECUTE	<ul style="list-style-type: none">• Deliver services based on Joint Success Plan• Regular progress reviews

Tools Used:

1. Azure Migration Assessment tool
2. Defender for Cloud
3. Cloudockit to generate the HLD and LLD
4. Microsoft Threat Management tool
5. VAPT tool if needed (after migration to check)
6. Corestack (FinOps, GRC tool for Cloud)
7. Terraform or ARM templates for IAC
8. Azure Devops / Azure Runbooks for CloudOps automation
9. Azure Well Architected Review tool
10. Azure Strategic Migration Assessment tool
11. Governance Benchmark tool
12. Go-Live Well architected Review tool

CORESTACK FOR FINOPS AND GRC:



Align to Well Architected Framework	<ul style="list-style-type: none"> Automated Well-Architected Framework Assessment and Remediation Seamless & Autonomous Multi-Cloud & Incident Management Support Reporting + Recommendation + Remediation in a Single Pane of Glass 			 CoreStack
Cloud	 Amazon Web Services	 Microsoft Azure	 Google Cloud Platform	Support for 1500+ Governance Policies
Well Architected Framework	Operational Excellence	Operational Excellence	Operational Excellence	Operational Governance
	Security	Security	Security, Privacy, Compliance	Security and Compliance
	Cost Optimization	Cost Optimization	Cost Optimization	Cost Governance
	Sustainability & Reliability	Reliability	Reliability	Access Governance
	Performance Efficiency	Performance Efficiency	Performance Efficiency	Resource Governance

