Microsoft Azure Well-Architected Framework

<team_name>

Microsoft Azure

Step 1- Review the customer case study

Customer status

<Describe current customer status you can use a mindmap, description, bullets, etc highlights your top of mind for the scenario>

https://en.wikipedia.org/wiki/Mind_map
https://en.wikipedia.org/wiki/User_journey
https://businessmodelanalyst.com/value-proposition-canvas/

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Step 2- Plan for information collection

Stakeholder analysis - RACI

<Teams and people that need to be involved, why you think they need to be there and when will they participate>

Phase/ Stakeholder	CTO	Teamleads	Solution Owner	Project Manager	Developers	Infrastructure Architect	Data Architect	Security Architect	Network Architect	Others…
Discover										
Analyze										
Prioritize										
Optimize										

R = Responsible, A = Accountable, C = Consulted, I =Informed

Tools to use

<Include a list of tools and techniques you will use to gather information>

Azure Tools

3rd Party

Custom Built

Procedure/ Meetings

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Step 3- Cost Optimization

Cost Optimization checklist -IaaS

<changes in configuration, sizing, or billing to be implemented to improve costs in current deployment>

Cost Optimization checklist -IaaS

<List of operational changes to be implemented to keep track of costs>

Cost Optimization checklist -IaaS

<Impact of your cost recommendations, use the pricing calculator with the current deployment estimate as your starting point https://azure.com/e/1a6d9fb988714fb5bc4153c0bcc178e5 >

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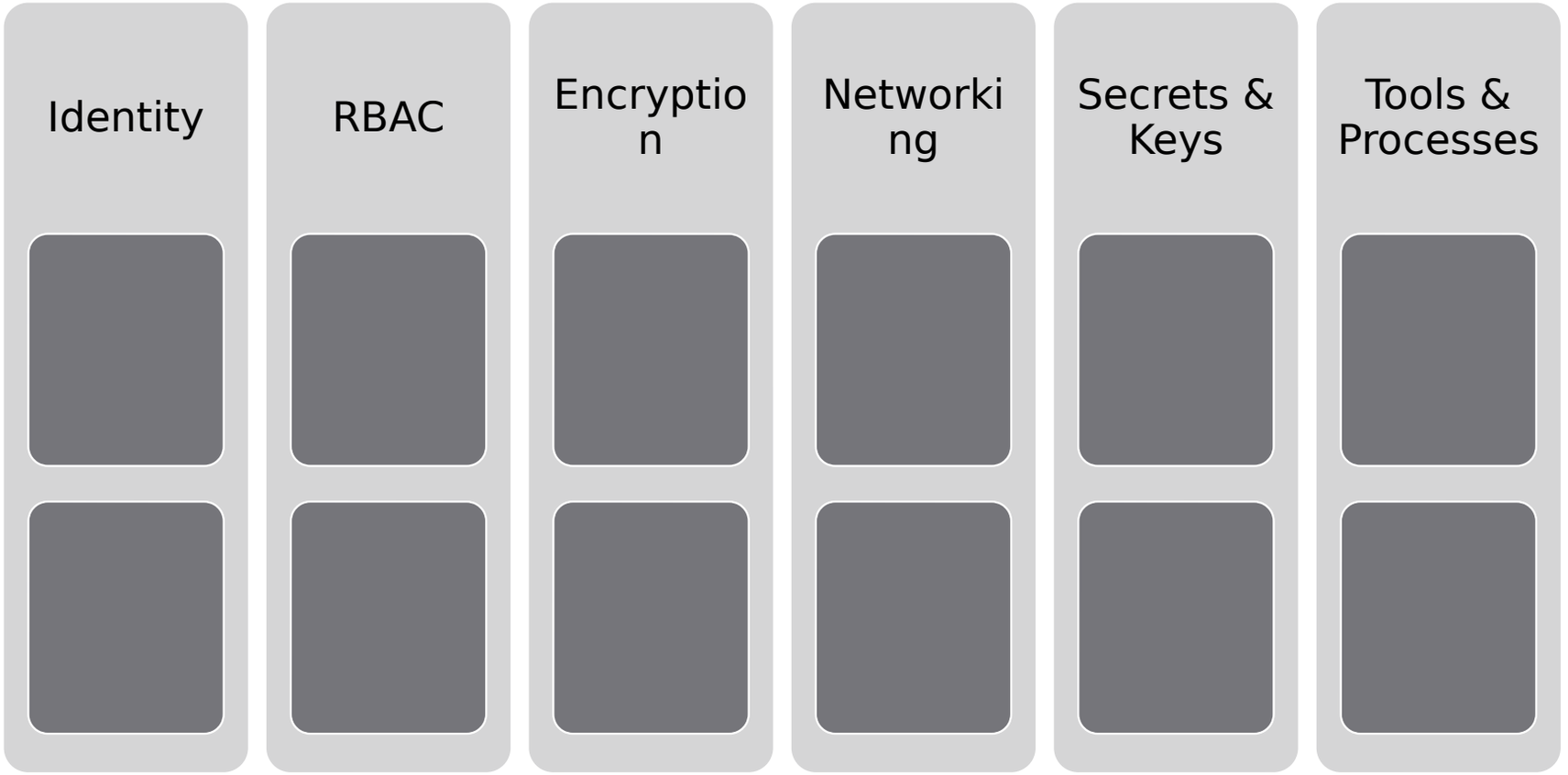
Step 4- Security

Security

<List of security practices to be in place for all topics>



Security

<High Level Architecture including security best practices>

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Step 5- Reliability

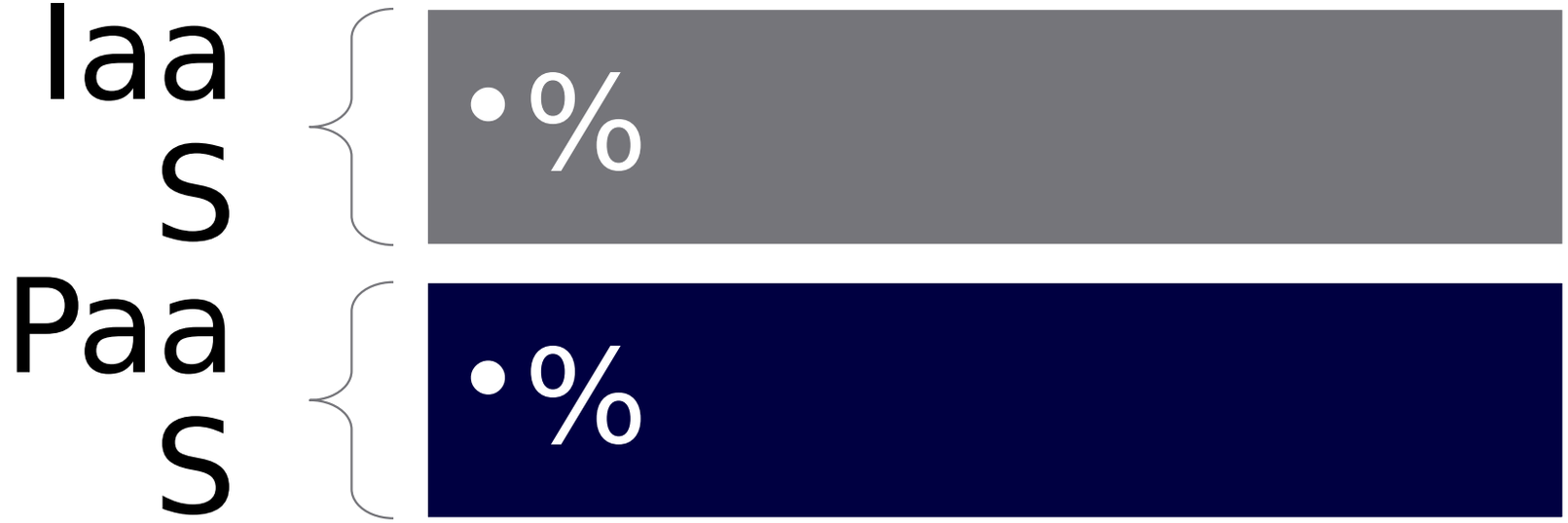
Reliability Recommendations

<List of reliability recommendations to be implemented>

High Level architecture for IaaS

High Level architecture for PaaS

Estimation of your solution SLA



https://docs.microsoft.com/en-us/azure/architecture/framework/resiliency/business-metrics#composite-slas

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Step 6- Performance Efficiency

Describe how your application scales

<List of services and solutions that will allow you to improve performance and scalability>

Metrics and tooling changes to scale

<List of tooling that will need to be in place to meet demand and support the new architecture>

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Step 7- Operational Excellence

Operational Excellence

<List of best practices to be implemented for operations>

Monitoring	Resources	Deployment	Testing	BCDR
			• [Text • [Text	• [Text • [Text

Operational Excellence

<Tooling and methodologies needed to support those best practices>

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Step 8- Create a plan

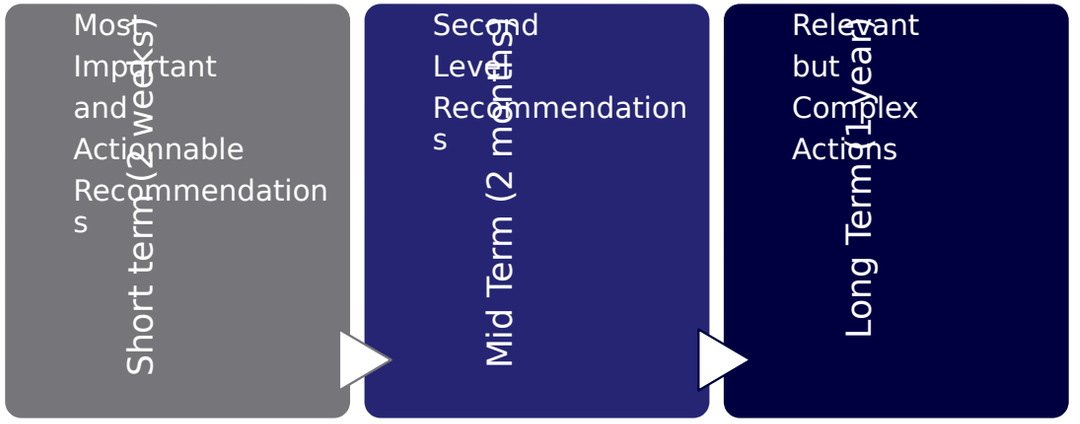
Checklist

- Production disruption
- Time estimations
- People involved*
- Potential risks
- Success metrics

* You should have already discussed this in step 2 – RACI (prioritize – optimize)

Roadmap or Backlog with prioritized recommendations

<Short term recommendations should be short and immediately actionable>



Backlog | Analytics | New Work Item | View as Board | Column Options | ...

Order	ID	Title	Assigned To	State	Tags
1	1660	WAF Wave 1 - Short Term Optimizations		To Do	
	1663	First recommendation		To Do	
	1664	Second recommendation		To Do	
	1665	Third Recommendation		To Do	
2	1661	WAF Wave 2 - Mid Term Optimizations		To Do	
	1666	First mid term recommendation		To Do	
	1667	Second mid term recommendation		To Do	
	1668	Third mid term recommendation		To Do	
3	1662	WAF Wave 3 - Long Term Plan		To Do	
	1669	First long recommendation with great impact		To Do	
	1670	Second long recommendation with great impact		To Do	
	1671	Third long recommendation with great impact		To Do	

Proposed mid/long-term architectures

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Step 9- Deliverables

List the derivelables

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Apendix

Resources

Azure Well-Architected Framework documentation

Microsoft Learn course

Architecture center

Azure Security Benchmark

Azure Well-Architected Review

CCO Dashboard

AzGovViz

Cloud adoption Framework tools

Microsoft Azure

Thank you.