AWS Well-Architected Tool

AWS Well-Architected Tool aftersales-development - AWS Well-Architected Framework Report

AWS Account ID: 228525134900

AWS Well-Architected Tool Report

Table of contents

Workload properties 4
Lens overview 5
Improvement plan 6
  High risk 6
  Medium risk 8
Lens details 10
  Operational Excellence 10
  Security 22
  Reliability 33
  Performance Efficiency 47
  Cost Optimization 56

Workload properties

Workload name
aftersales-development

ARN
arn:aws:wellarchitected:ap-southeast-1:228525134900:workload/d0152957980d49ddc0e499685250812d

Description
aftersales-development

Review owner
ahmad.ardiansyah@carsworld.co.id

Industry type
-

Industry
-

Environment
Pre-production

AWS Regions
Asia Pacific (Singapore)

Non-AWS regions
-

Account IDs
-

Architectural design
-

Lens overview

Questions answered

52/52

Version

AWS Well-Architected Framework, 2nd Jul 2020

Pillar	Questions answered
Operational Excellence	11/11
Security	10/10
Reliability	13/13
Performance Efficiency	8/8
Cost Optimization	10/10

Lens notes

-

Improvement plan

Improvement item summary

High risk: 34

Medium risk: 14

Pillar	High risk	Medium risk
Security	6	3
Reliability	7	5
Operational Excellence	9	2
Performance Efficiency	6	1
Cost Optimization	6	3

High risk

Security

- SEC 1.How do you securely operate your workload?
- SEC 2.How do you manage identities for people and machines?
- SEC 5.How do you protect your network resources?
- SEC 6.How do you protect your compute resources?
- SEC 7.How do you classify your data?
- SEC 8.How do you protect your data at rest?

Reliability

- REL 9.How do you back up data?
- REL 12.How do you test reliability?
- REL 10.How do you use fault isolation to protect your workload?
- REL 2.How do you plan your network topology?
- REL 13.How do you plan for disaster recovery (DR)?
- REL 5.How do you design interactions in a distributed system to mitigate or withstand failures?
- REL 4.How do you design interactions in a distributed system to prevent failures?

Operational Excellence

- OPS 1.How do you determine what your priorities are?
- OPS 2.How do you structure your organization to support your business outcomes?
- OPS 3.How does your organizational culture support your business outcomes?
- OPS 6.How do you mitigate deployment risks?
- OPS 7.How do you know that you are ready to support a workload?
- OPS 8.How do you understand the health of your workload?
- OPS 9.How do you understand the health of your operations?
- OPS 10.How do you manage workload and operations events?
- OPS 11.How do you evolve operations?

Performance Efficiency
• PERF 1.How do you select the best performing architecture? • PERF 7.How do you monitor your resources to ensure they are performing? • PERF 2.How do you select your compute solution? • PERF 4.How do you select your database solution? • PERF 5.How do you configure your networking solution? • PERF 8.How do you use tradeoffs to improve performance?

Cost Optimization
• COST 1.How do you implement cloud financial management? • COST 2.How do you govern usage? • COST 3.How do you monitor usage and cost? • COST 5.How do you evaluate cost when you select services? • COST 8.How do you plan for data transfer charges? • COST 4.How do you decommission resources?

Medium risk

Security
• SEC 3.How do you manage permissions for people and machines? • SEC 4.How do you detect and investigate security events? • SEC 10.How do you anticipate, respond to, and recover from incidents?

Reliability

- REL 6.How do you monitor workload resources?
- REL 8.How do you implement change?
- REL 11.How do you design your workload to withstand component failures?
- REL 7.How do you design your workload to adapt to changes in demand?
- REL 1.How do you manage service quotas and constraints?

Operational Excellence

- OPS 4.How do you design your workload so that you can understand its state?
- OPS 5.How do you reduce defects, ease remediation, and improve flow into production?

Performance Efficiency

- PERF 3.How do you select your storage solution?

Cost Optimization

- COST 6.How do you meet cost targets when you select resource type, size and number?
- COST 7.How do you use pricing models to reduce cost?
- COST 9.How do you manage demand, and supply resources?

Lens details

Operational Excellence

Questions answered

11/11

Question status

- High risk: 9
- Medium risk: 2
- No improvements identified: 0
- Not Applicable: 0
- Unanswered: 0

Pillar notes

-

1. How do you determine what your priorities are?

High risk

Selected choice(s)

- Evaluate external customer needs
- Manage benefits and risks

Not selected choice(s)

- Evaluate internal customer needs
- Evaluate governance requirements
- Evaluate compliance requirements
- Evaluate threat landscape
- Evaluate tradeoffs
- None of these

Notes

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Improvement plan

- Evaluate internal customer needs
- Evaluate governance requirements
- Evaluate compliance requirements
- Evaluate threat landscape
- Evaluate tradeoffs

2. How do you structure your organization to support your business outcomes?

High risk

Selected choice(s)

- Team members know what they are responsible for
- Mechanisms exist to identify responsibility and ownership
- Mechanisms exist to request additions, changes, and exceptions
- Responsibilities between teams are predefined or negotiated

Not selected choice(s)

- Resources have identified owners
- Processes and procedures have identified owners
- Operations activities have identified owners responsible for their performance
- None of these

Notes

-

Improvement plan

- Resources have identified owners
- Processes and procedures have identified owners
- Operations activities have identified owners responsible for their performance

3. How does your organizational culture support your business outcomes?

High risk

Selected choice(s)

- Communications are timely, clear, and actionable
- Team members are enabled and encouraged to maintain and grow their skill sets
- Resource teams appropriately

Not selected choice(s)

- Executive Sponsorship
- Team members are empowered to take action when outcomes are at risk
- Escalation is encouraged
- Experimentation is encouraged
- Diverse opinions are encouraged and sought within and across teams
- None of these

Notes

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Improvement plan

- Executive Sponsorship
- Team members are empowered to take action when outcomes are at risk
- Escalation is encouraged
- Experimentation is encouraged
- Diverse opinions are encouraged and sought within and across teams

4. How do you design your workload so that you can understand its state?

⚠ Medium risk

Selected choice(s)

- Implement application telemetry
- Implement and configure workload telemetry
- Implement dependency telemetry

Not selected choice(s)

- Implement user activity telemetry
- Implement transaction traceability
- None of these

Notes

-

Improvement plan

- Implement user activity telemetry
- Implement transaction traceability

5. How do you reduce defects, ease remediation, and improve flow into production?

⚠ Medium risk

Selected choice(s)

- Use version control
- Test and validate changes
- Share design standards
- Fully automate integration and deployment

Not selected choice(s)

- Use configuration management systems
- Use build and deployment management systems
- Perform patch management
- Implement practices to improve code quality
- Use multiple environments
- Make frequent, small, reversible changes
- None of these

Notes

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Improvement plan

- Use configuration management systems
- Use build and deployment management systems
- Perform patch management
- Implement practices to improve code quality
- Use multiple environments
- Make frequent, small, reversible changes

6. How do you mitigate deployment risks?

High risk

Selected choice(s)

- Test and validate changes
- Test using limited deployments
- Fully automate integration and deployment

Not selected choice(s)

- Plan for unsuccessful changes
- Use deployment management systems
- Deploy using parallel environments
- Deploy frequent, small, reversible changes
- Automate testing and rollback
- None of these

Notes

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Improvement plan

- Plan for unsuccessful changes
- Use deployment management systems
- Deploy using parallel environments
- Deploy frequent, small, reversible changes
- Automate testing and rollback

7. How do you know that you are ready to support a workload?

High risk

Selected choice(s)

- Ensure consistent review of operational readiness
- Use runbooks to perform procedures

Not selected choice(s)

- Ensure personnel capability
- Use playbooks to investigate issues
- Make informed decisions to deploy systems and changes
- None of these

Notes

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Improvement plan

- Ensure personnel capability
- Use playbooks to investigate issues
- Make informed decisions to deploy systems and changes

8. How do you understand the health of your workload?

High risk

Selected choice(s)

- Identify key performance indicators
- Define workload metrics
- Learn expected patterns of activity for workload

Not selected choice(s)

- Collect and analyze workload metrics
- Establish workload metrics baselines
- Alert when workload outcomes are at risk
- Alert when workload anomalies are detected
- Validate the achievement of outcomes and the effectiveness of KPIs and metrics
- None of these

Notes

-

Improvement plan

- Collect and analyze workload metrics
- Establish workload metrics baselines
- Alert when workload outcomes are at risk
- Alert when workload anomalies are detected
- Validate the achievement of outcomes and the effectiveness of KPIs and metrics

9. How do you understand the health of your operations?

High risk

Selected choice(s)

- Identify key performance indicators
- Collect and analyze operations metrics
- Learn the expected patterns of activity for operations
- Alert when operations anomalies are detected

Not selected choice(s)

- Define operations metrics
- Establish operations metrics baselines
- Alert when operations outcomes are at risk
- Validate the achievement of outcomes and the effectiveness of KPIs and metrics
- None of these

Notes

-

Improvement plan

- Define operations metrics
- Establish operations metrics baselines
- Alert when operations outcomes are at risk
- Validate the achievement of outcomes and the effectiveness of KPIs and metrics

10. How do you manage workload and operations events?

High risk

Selected choice(s)

- Use processes for event, incident, and problem management
- Enable push notifications
- Communicate status through dashboards

Not selected choice(s)

- Have a process per alert
- Prioritize operational events based on business impact
- Define escalation paths
- Automate responses to events
- None of these

Notes

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Improvement plan

- Have a process per alert
- Prioritize operational events based on business impact
- Define escalation paths
- Automate responses to events

11. How do you evolve operations?

High risk

Selected choice(s)

- Have a process for continuous improvement
- Perform Knowledge Management
- Validate insights
- Document and share lessons learned

Not selected choice(s)

- Perform post-incident analysis
- Implement feedback loops
- Define drivers for improvement
- Perform operations metrics reviews
- Allocate time to make improvements
- None of these

Notes

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Improvement plan

- Perform post-incident analysis
- Implement feedback loops
- Define drivers for improvement
- Perform operations metrics reviews
- Allocate time to make improvements

Security

Questions answered

10/10

Question status

- High risk: 6
- Medium risk: 3
- No improvements identified: 0
- Not Applicable: 1
- Unanswered: 0

Pillar notes

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1. How do you securely operate your workload?

High risk

Selected choice(s)

- Separate workloads using accounts
- Secure AWS account
- Keep up to date with security threats
- Automate testing and validation of security controls in pipelines

Not selected choice(s)

- Identify and validate control objectives
- Keep up to date with security recommendations
- Identify and prioritize risks using a threat model
- Evaluate and implement new security services and features regularly
- None of these

Notes

-

Improvement plan

- Identify and validate control objectives
- Keep up to date with security recommendations
- Identify and prioritize risks using a threat model
- Evaluate and implement new security services and features regularly

2. How do you manage identities for people and machines?

High risk

Selected choice(s)

- Use strong sign-in mechanisms
- Store and use secrets securely
- Rely on a centralized identity provider

Not selected choice(s)

- Use temporary credentials
- Audit and rotate credentials periodically
- Leverage user groups and attributes
- None of these

Notes

-

Improvement plan

- Use temporary credentials
- Audit and rotate credentials periodically
- Leverage user groups and attributes

3. How do you manage permissions for people and machines?

⚠ Medium risk

Selected choice(s)

- Define access requirements
- Grant least privilege access
- Manage access based on life cycle
- Share resources securely

Not selected choice(s)

- Establish emergency access process
- Reduce permissions continuously
- Define permission guardrails for your organization
- Analyze public and cross account access
- None of these

Notes

-

Improvement plan

- Establish emergency access process
- Reduce permissions continuously
- Define permission guardrails for your organization
- Analyze public and cross account access

4. How do you detect and investigate security events?

⚠ Medium risk

Selected choice(s)

- Configure service and application logging
- Analyze logs, findings, and metrics centrally
- Automate response to events

Not selected choice(s)

- Implement actionable security events
- None of these

Notes

-

Improvement plan

- Implement actionable security events

5. How do you protect your network resources?

High risk

Selected choice(s)

- Control traffic at all layers
- Implement inspection and protection

Not selected choice(s)

- Create network layers
- Automate network protection
- None of these

Notes

-

Improvement plan

- Create network layers
- Automate network protection

6. How do you protect your compute resources?

High risk

Selected choice(s)

- Reduce attack surface
- Implement managed services

Not selected choice(s)

- Perform vulnerability management
- Automate compute protection
- Enable people to perform actions at a distance
- Validate software integrity
- None of these

Notes

-

Improvement plan

- Perform vulnerability management
- Automate compute protection
- Enable people to perform actions at a distance
- Validate software integrity

7. How do you classify your data?

High risk

Selected choice(s)

- Identify the data within your workload
- Automate identification and classification

Not selected choice(s)

- Define data protection controls
- Define data lifecycle management
- None of these

Notes

-

Improvement plan

- Define data protection controls
- Define data lifecycle management

8. How do you protect your data at rest?

High risk

Selected choice(s)

- Implement secure key management
- Automate data at rest protection
- Enforce access control

Not selected choice(s)

- Enforce encryption at rest
- Use mechanisms to keep people away from data
- None of these

Notes

-

Improvement plan

- Enforce encryption at rest
- Use mechanisms to keep people away from data

9. How do you protect your data in transit?

⊖ Not Applicable

Selected choice(s)

-

Not selected choice(s)

- Implement secure key and certificate management
- Enforce encryption in transit
- Automate detection of unintended data access
- Authenticate network communications
- None of these

Notes

-

Improvement plan

Answer the question to view the improvement plan.

10. How do you anticipate, respond to, and recover from incidents?

⚠ Medium risk

Selected choice(s)

- Identify key personnel and external resources
- Develop incident management plans
- Prepare forensic capabilities

Not selected choice(s)

- Automate containment capability
- Pre-provision access
- Pre-deploy tools
- Run game days
- None of these

Notes

-

Improvement plan

- Automate containment capability
- Pre-provision access
- Pre-deploy tools
- Run game days

Reliability

Questions answered

13/13

Question status

- High risk: 7
- Medium risk: 5
- No improvements identified: 1
- Not Applicable: 0
- Unanswered: 0

Pillar notes

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1. How do you manage service quotas and constraints?

⚠ Medium risk

Selected choice(s)

- Aware of service quotas and constraints
- Manage service quotas across accounts and regions
- Accommodate fixed service quotas and constraints through architecture
- Monitor and manage quotas

Not selected choice(s)

- Automate quota management
- Ensure that a sufficient gap exists between the current quotas and the maximum usage to accommodate failover
- None of these

Notes

-

Improvement plan

- Automate quota management
- Ensure that a sufficient gap exists between the current quotas and the maximum usage to accommodate failover

2. How do you plan your network topology?

High risk

Selected choice(s)

- Use highly available network connectivity for your workload public endpoints
- Ensure IP subnet allocation accounts for expansion and availability

Not selected choice(s)

- Provision redundant connectivity between private networks in the cloud and on-premises environments
- Prefer hub-and-spoke topologies over many-to-many mesh
- Enforce non-overlapping private IP address ranges in all private address spaces where they are connected
- None of these

Notes

-

Improvement plan

- Provision redundant connectivity between private networks in the cloud and on-premises environments
- Prefer hub-and-spoke topologies over many-to-many mesh
- Enforce non-overlapping private IP address ranges in all private address spaces where they are connected

3. How do you design your workload service architecture?

No improvements identified

Selected choice(s)

- Choose how to segment your workload
- Build services focused on specific business domains and functionality
- Provide service contracts per API

Not selected choice(s)

- None of these

Notes

-

Improvement plan

No risk detected for this question. No action needed.

4. How do you design interactions in a distributed system to prevent failures?

High risk

Selected choice(s)

- Identify which kind of distributed system is required
- Make all responses idempotent

Not selected choice(s)

- Implement loosely coupled dependencies
- Do constant work
- None of these

Notes

-

Improvement plan

- Implement loosely coupled dependencies
- Do constant work

5. How do you design interactions in a distributed system to mitigate or withstand failures?

High risk

Selected choice(s)

- Control and limit retry calls
- Set client timeouts

Not selected choice(s)

- Implement graceful degradation to transform applicable hard dependencies into soft dependencies
- Throttle requests
- Fail fast and limit queues
- Make services stateless where possible
- Implement emergency levers
- None of these

Notes

-

Improvement plan

- Implement graceful degradation to transform applicable hard dependencies into soft dependencies
- Throttle requests
- Fail fast and limit queues
- Make services stateless where possible
- Implement emergency levers

6. How do you monitor workload resources?

⚠ Medium risk

Selected choice(s)

- Monitor all components for the workload (Generation)
- Define and calculate metrics (Aggregation)
- Send notifications (Real-time processing and alarming)
- Automate responses (Real-time processing and alarming)
- Storage and Analytics

Not selected choice(s)

- Conduct reviews regularly
- Monitor end-to-end tracing of requests through your system
- None of these

Notes

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Improvement plan

- Conduct reviews regularly
- Monitor end-to-end tracing of requests through your system

7. How do you design your workload to adapt to changes in demand?

⚠ Medium risk

Selected choice(s)

- Use automation when obtaining or scaling resources

Not selected choice(s)

- Obtain resources upon detection of impairment to a workload
- Obtain resources upon detection that more resources are needed for a workload
- Load test your workload
- None of these

Notes

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Improvement plan

- Obtain resources upon detection of impairment to a workload
- Obtain resources upon detection that more resources are needed for a workload
- Load test your workload

8. How do you implement change?

⚠ Medium risk

Selected choice(s)

- Use runbooks for standard activities such as deployment
- Integrate functional testing as part of your deployment
- Integrate resiliency testing as part of your deployment
- Deploy changes with automation

Not selected choice(s)

- Deploy using immutable infrastructure
- None of these

Notes

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Improvement plan

- Deploy using immutable infrastructure

9. How do you back up data?

High risk

Selected choice(s)

- Identify and back up all data that needs to be backed up, or reproduce the data from sources
- Perform data backup automatically
- Perform periodic recovery of the data to verify backup integrity and processes

Not selected choice(s)

- Secure and encrypt backups
- None of these

Notes

-

Improvement plan

- Secure and encrypt backups

10. How do you use fault isolation to protect your workload?

High risk

Selected choice(s)

- Use bulkhead architectures

Not selected choice(s)

- Deploy the workload to multiple locations
- Automate recovery for components constrained to a single location
- None of these

Notes

-

Improvement plan

- Deploy the workload to multiple locations
- Automate recovery for components constrained to a single location

11. How do you design your workload to withstand component failures?

⚠ Medium risk

Selected choice(s)

- Monitor all components of the workload to detect failures
- Fail over to healthy resources
- Automate healing on all layers

Not selected choice(s)

- Use static stability to prevent bimodal behavior
- Send notifications when events impact availability
- None of these

Notes

-

Improvement plan

- Use static stability to prevent bimodal behavior
- Send notifications when events impact availability

12. How do you test reliability?

High risk

Selected choice(s)

- Perform post-incident analysis
- Test functional requirements
- Test scaling and performance requirements

Not selected choice(s)

- Use playbooks to investigate failures
- Test resiliency using chaos engineering
- Conduct game days regularly
- None of these

Notes

-

Improvement plan

- Use playbooks to investigate failures
- Test resiliency using chaos engineering
- Conduct game days regularly

13. How do you plan for disaster recovery (DR)?

High risk

Selected choice(s)

- Use defined recovery strategies to meet the recovery objectives
- Test disaster recovery implementation to validate the implementation

Not selected choice(s)

- Define recovery objectives for downtime and data loss
- Manage configuration drift at the DR site or region
- Automate recovery
- None of these

Notes

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Improvement plan

- Define recovery objectives for downtime and data loss
- Manage configuration drift at the DR site or region
- Automate recovery

Performance Efficiency

Questions answered

8/8

Question status

- High risk: 6
- Medium risk: 1
- No improvements identified: 1
- Not Applicable: 0
- Unanswered: 0

Pillar notes

-

1. How do you select the best performing architecture?

High risk

Selected choice(s)

- Understand the available services and resources
- Factor cost requirements into decisions
- Use guidance from your cloud provider or an appropriate partner
- Load test your workload

Not selected choice(s)

- Define a process for architectural choices
- Use policies or reference architectures
- Benchmark existing workloads
- None of these

Notes

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Improvement plan

- Define a process for architectural choices
- Use policies or reference architectures
- Benchmark existing workloads

2. How do you select your compute solution?

High risk

Selected choice(s)

- Evaluate the available compute options
- Understand the available compute configuration options
- Determine the required configuration by right-sizing
- Use the available elasticity of resources

Not selected choice(s)

- Collect compute-related metrics
- Re-evaluate compute needs based on metrics
- None of these

Notes

-

Improvement plan

- Collect compute-related metrics
- Re-evaluate compute needs based on metrics

3. How do you select your storage solution?

⚠ Medium risk

Selected choice(s)

- Understand storage characteristics and requirements
- Evaluate available configuration options

Not selected choice(s)

- Make decisions based on access patterns and metrics
- None of these

Notes

-

Improvement plan

- Make decisions based on access patterns and metrics

4. How do you select your database solution?

High risk

Selected choice(s)

- Understand data characteristics
- Evaluate the available options
- Choose data storage based on access patterns

Not selected choice(s)

- Collect and record database performance metrics
- Optimize data storage based on access patterns and metrics
- None of these

Notes

-

Improvement plan

- Collect and record database performance metrics
- Optimize data storage based on access patterns and metrics

5. How do you configure your networking solution?

High risk

Selected choice(s)

- Evaluate available networking features
- Choose appropriately sized dedicated connectivity or VPN for hybrid workloads
- Leverage load-balancing and encryption offloading
- Optimize network configuration based on metrics

Not selected choice(s)

- Understand how networking impacts performance
- Choose network protocols to improve performance
- Choose your workload's location based on network requirements
- None of these

Notes

-

Improvement plan

- Understand how networking impacts performance
- Choose network protocols to improve performance
- Choose your workload's location based on network requirements

6. How do you evolve your workload to take advantage of new releases?

No improvements identified

Selected choice(s)

- Stay up-to-date on new resources and services
- Define a process to improve workload performance
- Evolve workload performance over time

Not selected choice(s)

- None of these

Notes

-

Improvement plan

No risk detected for this question. No action needed.

7. How do you monitor your resources to ensure they are performing?

High risk

Selected choice(s)

- Record performance-related metrics
- Analyze metrics when events or incidents occur
- Use monitoring to generate alarm-based notifications
- Review metrics at regular intervals

Not selected choice(s)

- Establish Key Performance Indicators (KPIs) to measure workload performance
- Monitor and alarm proactively
- None of these

Notes

-

Improvement plan

- Establish Key Performance Indicators (KPIs) to measure workload performance
- Monitor and alarm proactively

8. How do you use tradeoffs to improve performance?

High risk

Selected choice(s)

- Learn about design patterns and services
- Identify how tradeoffs impact customers and efficiency

Not selected choice(s)

- Understand the areas where performance is most critical
- Measure the impact of performance improvements
- Use various performance-related strategies
- None of these

Notes

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Improvement plan

- Understand the areas where performance is most critical
- Measure the impact of performance improvements
- Use various performance-related strategies

Cost Optimization

Questions answered

10/10

Question status

- High risk: 6
- Medium risk: 3
- No improvements identified: 1
- Not Applicable: 0
- Unanswered: 0

Pillar notes

-

1. How do you implement cloud financial management?

High risk

Selected choice(s)

- Establish a cost optimization function
- Establish cloud budgets and forecasts
- Implement cost awareness in your organizational processes
- Report and notify on cost optimization

Not selected choice(s)

- Establish a partnership between finance and technology
- Monitor cost proactively
- Keep up to date with new service releases
- None of these

Notes

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Improvement plan

- Establish a partnership between finance and technology
- Monitor cost proactively
- Keep up to date with new service releases

2. How do you govern usage?

High risk

Selected choice(s)

- Develop policies based on your organization requirements
- Implement goals and targets
- Implement cost controls

Not selected choice(s)

- Implement an account structure
- Implement groups and roles
- Track project lifecycle
- None of these

Notes

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Improvement plan

- Implement an account structure
- Implement groups and roles
- Track project lifecycle

3. How do you monitor usage and cost?

High risk

Selected choice(s)

- Configure detailed information sources
- Establish organization metrics
- Configure billing and cost management tools
- Allocate costs based on workload metrics

Not selected choice(s)

- Identify cost attribution categories
- Add organization information to cost and usage
- None of these

Notes

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Improvement plan

- Identify cost attribution categories
- Add organization information to cost and usage

4. How do you decommission resources?

High risk

Selected choice(s)

- Implement a decommissioning process
- Decommission resources

Not selected choice(s)

- Track resources over their life time
- Decommission resources automatically
- None of these

Notes

-

Improvement plan

- Track resources over their life time
- Decommission resources automatically

5. How do you evaluate cost when you select services?

High risk

Selected choice(s)

- Analyze all components of this workload
- Select software with cost effective licensing
- Select components of this workload to optimize cost in line with organization priorities
- Perform cost analysis for different usage over time

Not selected choice(s)

- Identify organization requirements for cost
- Perform a thorough analysis of each component
- None of these

Notes

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Improvement plan

- Identify organization requirements for cost
- Perform a thorough analysis of each component

6. How do you meet cost targets when you select resource type, size and number?

⚠ Medium risk

Selected choice(s)

- Perform cost modeling
- Select resource type and size based on data

Not selected choice(s)

- Select resource type and size automatically based on metrics
- None of these

Notes

-

Improvement plan

- Select resource type and size automatically based on metrics

7. How do you use pricing models to reduce cost?

⚠ Medium risk

Selected choice(s)

- Perform pricing model analysis
- Implement pricing models for all components of this workload

Not selected choice(s)

- Implement regions based on cost
- Select third party agreements with cost efficient terms
- Perform pricing model analysis at the master account level
- None of these

Notes

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Improvement plan

- Implement regions based on cost
- Select third party agreements with cost efficient terms
- Perform pricing model analysis at the master account level

8. How do you plan for data transfer charges?

High risk

Selected choice(s)

- Select components to optimize data transfer cost

Not selected choice(s)

- Perform data transfer modeling
- Implement services to reduce data transfer costs
- None of these

Notes

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Improvement plan

- Perform data transfer modeling
- Implement services to reduce data transfer costs

9. How do you manage demand, and supply resources?

⚠ Medium risk

Selected choice(s)

- Perform an analysis on the workload demand
- Implement a buffer or throttle to manage demand

Not selected choice(s)

- Supply resources dynamically
- None of these

Notes

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Improvement plan

- Supply resources dynamically

10. How do you evaluate new services?

No improvements identified

Selected choice(s)

- Develop a workload review process
- Review and analyze this workload regularly

Not selected choice(s)

- None of these

Notes

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Improvement plan

No risk detected for this question. No action needed.