Governance Services:

- Governance and management services help you maintain control over cost, compliance, and security across your AWS accounts.

Organizations

Organizations allows you to centrally manage multiple AWS accounts under one umbrella.

Group **multiple** accounts

Single payment **for all accounts**

Automate account creation

Allocate resources and apply policies across accounts

Organizations

What are the benefits?

Organizations offers many benefits.

1 **Consolidated Billing**

The advantage of consolidated billing is that you receive **one bill** for multiple accounts.

2 **Cost Savings**

You'll receive **volume discounts** since usage is combined across accounts.

3 **Account Governance**

You have a quick and automated way to **create** accounts or **invite** existing accounts.

Reduce costs by sharing resources across accounts.

Organizations allows you to save money using Reserved Instance (RI) sharing. RI sharing allows all accounts in the organization to receive the hourly cost-benefit of RIs purchased by any other account. You can always turn off RI sharing using the master payer (or root) organization.

Control Tower

Control Tower helps you ensure your accounts conform to company-wide policies.

Helps set up new accounts using a multi-account strategy

Works directly with AWS Organizations

Enforces the best use of services across accounts

Provides a dashboard to manage accounts

Control Tower

Disallow public write access to all S3 buckets across your accounts.

Control Tower allows you to govern your multi-account environment by enabling cross-account security audits or preventing or detecting security issues through mandatory or optional guardrails.

Systems Manager

Systems Manager gives you visibility and control over your AWS resources.

Automate operational tasks on your resources

Group resources **and** take **action**

Patch and **run commands** on multiple EC2 instances or manage RDS instances

Systems Manager

Automation

Maintenance Windows

Patch Manager

Deploy operating system and software patches automatically across a large group of instances.

Systems Manager allows you to auto-patch software running on EC2 instances according to a schedule.

Trusted Advisor

Trusted Advisor provides **real-time guidance** to help you provision your resources following AWS best practices.

Helps you understand **best practices**

Trusted Advisor

Here are a few popular recommendations made by **Trusted Advisor**

Checks for unrestricted access for specific ports on EC2 instances

This is a **free** check.

Checks S3 bucket permissions to determine if public access

This is a **free** check.

Checks for multi-factor authentication (MFA) on root account

This is a **free** check.

Checks IAM password policy

Enterprise or **Business** Support required for this check.

Checks for RDS public snapshots

This is a **free** check.

Checks for service usage greater than 80% over service limit

Enterprise or **Business** Support required for this check.

Checks for exposed access keys

Enterprise or **Business** Support required for this check.

Checks for CloudFront content delivery optimization

Enterprise or **Business** Support required for this check.

Check read and write capacity service limits for DynamoDB.
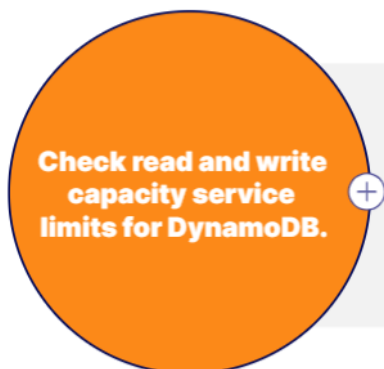
Trusted Advisor helps reduce your overall costs by monitoring service limits.

License Manager

License Manager helps you manage software licenses.

Manage **on-premises** and **AWS** licenses ⊕

Track licenses for **Oracle**, **Microsoft**, **SAP**, and more ⊕

License Manager

Certificate Manager

Certificate Manager helps you provision and manage SSL/TLS certficates.

Provides **public** and **private** certificates for **free** ⊕

Integrates with **Elastic Load Balancing**, **API Gateway**, and more ⊕

Certificate Manager

Things to Remember When
Studying for the Exam

✅ **Organizations**

Don't forget Organizations saves you money through consolidated billing. Also, remember the importance of SCPs.

✅ **Control Tower**

Don't forget Control Tower helps you enforce best use of services across your organization.

✅ **Systems Manager**

Remember that Systems Manager helps you maintain your resources through automatic patching and updates.

✅ **Trusted Advisor**

Remember the recommendations made by Trusted Advisor.

✅ **License Manager**

Remember that License Manager helps you manage on-premises or AWS-based Oracle licenses.

✅ **Certificate Manager**

Remember that Certificate Manager provides free public certificates.