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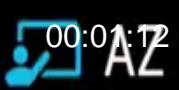
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Q246: A company is planning on moving to Microsoft Azure. Senior management wants to get an idea on the cost that will be incurred if decided to host resources within Azure.

Solution: You recommend using the Azure Cost Management to get the required costing of the resources.

Would this recommendation fit the requirement?

<input type="button" value="Yes"/>	<input checked="" type="button" value="No"/>
------------------------------------	--



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Q246: A company is planning on moving to Microsoft Azure.

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Solution: You recommend using the Azure Cost Management to get the required costing of the resources.

Would this recommendation fit the requirement?

<input type="radio"/> Yes	<input checked="" type="radio"/> No
---------------------------	-------------------------------------



Q247: A company is planning on moving to Microsoft Azure. Senior management wants to get an idea on the cost that will be incurred if decided to host resources within Azure.

Solution: You recommend using the Cloudyn service to get the required costing of the resources.

Would this recommendation fit the requirement?

Yes

No





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What is the Cloudyn service?

Article • 04/15/2021 • 2 minutes to read • 1 contributor

ⓘ Note

Cloudyn was deprecated on June 30, 2021 and is no longer available.

Customers can use [Azure Cost Management](#) to view, analyze and optimize their cloud costs.

Next steps

- [Review usage and costs](#)

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Q248: A company is planning on moving to Microsoft Azure. Senior management wants to get an idea on the cost that will be incurred if decided to host resources within Azure.



Solution: You recommend using the Total Cost of Ownership (TCO) Calculator.

Would this recommendation fit the requirement?

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<input type="button" value="Yes"/>	<input type="button" value="No"/>
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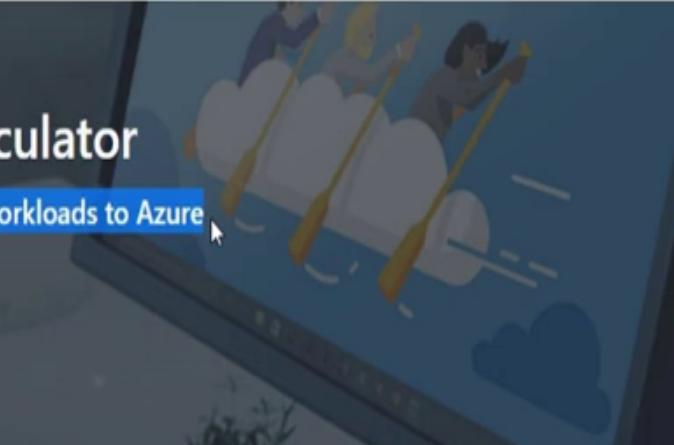
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Total Cost of Ownership (TCO) Calculator

Estimate the cost savings you can realize by migrating your workloads to Azure

Start assessment



Describe your infrastructure

Tell us about your existing on-premises infrastructure and our model will estimate the current cost of supporting your applications. The TCO Calculator helps you understand the cost areas that affect your applications today, such as server hardware, software licenses, electricity, and labor.



Compare costs

The TCO Calculator recommends a set of equivalent services in Azure that will support your applications. Our analysis will show each cost area with an estimate of your on-premises spend versus your spend in Azure. There are several categories that either decrease or go away completely when you move workloads to the cloud.



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Q248: A company is planning on moving to Microsoft Azure. Senior management wants to get an idea on the cost that will be incurred if decided to host resources within Azure.

Solution: You recommend using the Total Cost of Ownership (TCO) Calculator.

Would this recommendation fit the requirement?

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Yes No

Cost Management + Billing helps you understand your Azure invoice (bill), manage your billing account and subscriptions

The Azure Total Cost of Ownership(TCO) Calculator is used to estimate the cost savings you can achieve by migrating your application workloads to Microsoft.



Q249: Your company has a website that is being threatened to by an attacker to bring it down by sending a large volume of network traffic to your servers. Which Azure service can help your company to protect its App Service instance from this kind of attack?

- a) Azure Policy
- b) Azure Firewall
- c) Azure DDoS Protection
- d) Network security groups

Q250: When deployed with a web application firewall (WAF), Azure DDoS Protection protects both at the network layer and at the application layer.

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Yes No

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Article • 03/08/2023 • 3 minutes to read • 18 contributors

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Distributed denial of service (DDoS) attacks are some of the largest availability and security concerns facing customers that are moving their applications to the cloud. A DDoS attack attempts to exhaust an application's resources, making the application unavailable to legitimate users. DDoS attacks can be targeted at any endpoint that is publicly reachable through the internet.

Azure DDoS Protection, combined with application design best practices, provides

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Module

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Distributed denial of service (DDoS) attacks are some of the largest availability and security concerns facing customers that are moving their applications to the cloud. A DDoS attack attempts to exhaust an application's resources, making the application unavailable to legitimate users. DDoS attacks can be targeted at any endpoint that is publicly reachable through the internet.

Azure DDoS Protection, combined with application design best practices, provides enhanced DDoS mitigation features to defend against DDoS attacks. It's automatically tuned to help protect your specific Azure resources in a virtual network. Protection is simple to enable on any new or existing virtual network, and it requires no application or resource changes.



DDoS Protection



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A DDoS attack attempts to exhaust an application's resources, making the application unavailable to legitimate users. DDoS attacks can be targeted at any endpoint that is publicly reachable through the internet.

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DDoS Protection, which helps provide defense against DDoS attacks.

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Always-on traffic monitoring

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it requires no application or resource changes.

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DDoS Protection

```
graph LR; Internet[Public IP] --> AG[Application Gateway]; AG --> WAF[Web Application Firewall]; AG --> ASA[App Service app]; WAF --> ASA; AG --- VN[Virtual network]; subgraph RG [Resource Group]; direction TB; AP[App Service Plan] --- AG; ASDB[Logical server] --- DS1[Database]; ASDB --- DS2[Database]; end;
```

Key benefits

Always-on traffic monitoring

Your application traffic patterns are monitored 24 hours a day, 7 days a week, looking for indicators of DDoS attacks. Azure DDoS Protection instantly and automatically mitigates the attack, once it's detected.

Adaptive real time tuning

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Q250: When deployed with a web application firewall (WAF), Azure DDoS Protection protects both at the network layer and at the application layer.

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Yes No

Network layer (Layer 3 and 4, offered by Azure DDoS Protection) and at the application layer (Layer 7, offered by a WAF)



Q251: Logs in Azure Monitor are stored in which of the following service:

- a) Log Analytics workspace
- b) Azure Event Hubs
- c) Azure Stream
- d) Azure Cosmos DB

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Q251: Logs in Azure Monitor are stored in which of the following service:

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- b) Azure Event Hubs
- c) Azure Stream
- d) Azure Cosmos DB



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Azure Monitor data platform

Article • 01/17/2023 • 6 minutes to read • 4 contributors

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Today's complex computing environments run distributed applications that rely on both cloud and on-premises services. To enable observability, operational data must be collected from every layer and component of the distributed system. You need to be able to perform deep insights on this data and consolidate it with different perspectives so that it supports the range of stakeholders in your organization.

Azure Monitor collects and aggregates data from various sources into a common

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Azure data engineers help stakeholders understand the data through exploration, and they build and maintain secure and...

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Metrics are available for interactive analysis in the Azure portal with [Azure Metrics Explorer](#). They can be added to an [Azure dashboard](#) for visualization in combination with other data and used for near-real-time alerting.

To read more about Azure Monitor metrics, including their sources of data, see [Metrics in Azure Monitor](#).

Logs

Logs are events that occurred within the system. They can contain different kinds of data and might be structured or freeform text with a timestamp. They might be created sporadically as events in the environment generate log entries. A system under heavy load typically generates more log volume.

Logs in [Azure Monitor](#) are stored in a [Log Analytics workspace](#) that's based on [Azure Data Explorer](#), which provides a powerful analysis engine and [rich query language](#). Logs typically provide enough information to provide complete context of the issue being identified and are valuable for identifying the root cause of issues.

Note

It's important to distinguish between Azure Monitor Logs and sources of log data in Azure. For example, subscription-level events in Azure are written to an [Activity log](#) that you can view from the Azure Monitor menu. Most resources will write operational information to a resource log that you can forward to

Q251: Logs in Azure Monitor are stored in which of the following service:

- a) Log Analytics workspace
- b) Azure Event Hubs
- c) Azure Stream
- d) Azure Cosmos DB

Q252: Azure File Sync enables centralizing your organization's file shares in Azure Files, while keeping the flexibility, performance, and compatibility of a Windows file server.

Yes

No

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Azure File Sync enables centralizing your organization's file shares in Azure Files, while keeping the flexibility, performance, and compatibility of a Windows file server. While some users may opt to keep a full copy of their data locally, Azure File Sync additionally has the ability to transform Windows Server into a quick cache of your Azure file share.

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Azure File Sync enables centralizing your organization's file shares in Azure Files, while keeping the flexibility, performance, and compatibility of a Windows file server. While some users may opt to keep a full copy of their data locally, **Azure File Sync additionally has the ability to transform Windows Server into a quick cache of your Azure file share!** You can use any protocol that's available on Windows Server to access your data locally, including SMB, NFS, and FTPS. You can have as many caches as you need across the world.

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[Choose Azure File Sync cloud tiering policies](#)

Q252: Azure File Sync enables centralizing your organization's file shares in Azure Files, while keeping the flexibility, performance, and compatibility of a Windows file server.

Yes

No

Q253: The Archive access tier is set at storage account level.

Yes

No

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practices

Lifecycle management
policies

Blob rehydration from
archive tier

Object replication

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> Cost planning and
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> Find, search, and
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WHEN YOU CREATE A LEGACY BLOB STORAGE ACCOUNT, YOU MUST SPECIFY THE default access tier setting as hot or cool at create time. There's no charge for changing the default account access tier setting from hot to cool in a legacy Blob Storage account. You're charged for both read operations (per 10,000) and data retrieval (per GB) if you toggle from cool to hot in a Blob Storage account. Microsoft recommends using general-purpose v2 storage accounts rather than Blob Storage accounts when possible.

Note

The archive tier is not supported as the default access tier for a storage account.

Setting or changing a blob's tier

To explicitly set a blob's tier when you create it, specify the tier when you upload the blob.

After a blob is created, you can change its tier in either of the following ways:

Q254: The hot access tier is recommended for data that is accessed and modified frequently.

Yes

No

Q258 To read a blob that is in the archive tier, you must first rehydrate the blob to an online tier (hot or cool) tier.

Yes

No

Q256: To read a blob that is in the archive tier, you must first rehydrate the blob to an online tier (hot or cool) tier.

Yes

No

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Cool tier	Change a blob's tier from cool to hot with Set Blob Tier or Copy Blob. Learn more...	N/A	Change a blob's tier from cool to archive with Set Blob Tier or Copy Blob. Learn more...
	Move blobs to the hot tier with a lifecycle management policy. Learn more...		Archive blobs with a lifecycle management policy. Learn more...
Archive tier	Rehydrate to the hot tier with Set	Rehydrate to cool tier with Set	N/A

Blob lifecycle management

Blob storage lifecycle management offers a rule-based policy that you can use to transition your data to the desired access tier when your

Q256: To read a blob that is in the archive tier, you must first rehydrate the blob to an online tier (hot or cool) tier.

Yes

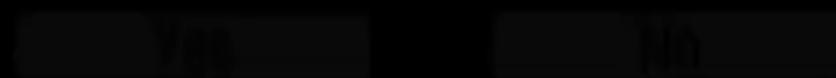
No



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Q257: Archive tier, provides 99.99% of availability.

Yes

No

Original server location to the destination location.

Summary of access tier options

The following table summarizes the features of the hot, cool, and archive access tiers.

	Hot tier	Cool tier	Archive tier
Availability	99.9%	99%	Offline
Availability (RA-GRS reads)	99.99%	99.9%	Offline
Usage charges	Higher storage costs, but lower access and transaction costs	Lower storage costs, but higher access and transaction costs	Lowest storage costs, but highest access, and transaction costs
Minimum recommended data retention period	N/A	30 days ¹	180 days

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Q259: You have Multiple virtual machines (VMs) processing each order that comes from a web application that runs the website. These VMs exist on an Azure virtual network, but they need to access the internet. What's the best way to limit all outbound traffic from VMs to known hosts?

- a) Configure Azure DDoS Protection to limit network access to trusted ports and hosts.
- b) Create application rules in Azure Firewall.**
- c) Ensure that all running applications communicate with only trusted ports and hosts.

Q260: Azure AD can save logs in azure monitor

Yes No

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Q261: You can integrate on-premises Active Directory domains with Azure Active Directory

Yes

No

Q262: You have multiple virtual machines in Azure virtual network. You want to implement a deny by default policy so that VMs can't connect to each other. [What is the best way to do the same?](#)

- a) Configure Azure DDoS Protection to limit network access to trusted ports and hosts.
- b) Create application rules in Azure Firewall.**
- c) Ensure that all running applications communicate with only trusted ports and hosts.

Q263: Azure site recovery provides _____ for virtual machines

- a) faulty tolerance
- b) disaster recovery
- c) elasticity
- d) high availability

Q263: Azure site recovery provides _____ for virtual machines

- a) faulty tolerance
- b) disaster recovery
- c) elasticity
- d) high availability



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As an organization, you need to adopt a business continuity and disaster recovery (BCDR) strategy that keeps your data safe, and your apps and **workloads online**, when planned and unplanned outages occur.

Azure Recovery Services contributes to your BCDR strategy:

- **Site Recovery service:** Site Recovery helps ensure business continuity by keeping business apps and workloads running during outages. Site Recovery **replicates** workloads running on physical and virtual machines (VMs) from a primary site to a secondary location. When an outage occurs at your primary site,

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- **Site Recovery service:** Site Recovery helps ensure business continuity by keeping business apps and workloads running during outages. Site Recovery [replicates](#) workloads running on physical and virtual machines (VMs) from a primary site to a secondary location. When an outage occurs at your primary site, you fail over to a secondary location, and access apps from there. After the primary location is running again, you can fail back to it.
- **Backup service:** The [Azure Backup](#) service keeps your data safe and recoverable.

Site Recovery can manage replication for:

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What does Site Recovery

physical and virtual machines (VMs) from a primary site to a secondary location. When an outage occurs at your primary site, you fail over to a secondary location, and access apps from there. After the primary location is running again, you can fail back to it.

- **Backup service:** The [Azure Backup](#) service keeps your data safe and recoverable.

Site Recovery can manage replication for:

- Azure VMs replicating between Azure regions
- Replication from Azure Public Multi-Access Edge Compute (MEC) to the region
- Replication between two Azure Public MECs
- On-premises VMs, Azure Stack VMs, and physical servers

Note

The Azure Site Recovery functionality for Public MEC is in preview state.

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! Note

The Azure Site Recovery functionality for Public MEC is in preview state.

What does Site Recovery provide?

Feature	Details
Simple BCDR solution	Using Site Recovery, you can set up and manage replication, failover, and fallback from a single location in the Azure portal.
Azure VM replication	You can set up disaster recovery of Azure VMs from a primary region to a secondary region or from Azure Public MEC to the Azure region or from one Azure Public MEC to another Azure Public MEC connected to the same Azure region.

Q264: Resource groups provide organizations with the ability to manage the compliance of Azure resources across multiple subscriptions.

Instructions: Review the underlined text. If it makes the statement correct, select “No change is needed”. If the statement is incorrect, select the answer choice that makes the statement correct.

- a) No change is needed
- b) Management groups
- c) Azure policies
- d) Azure App Service plans

Q265: Which tool enables users to authenticate to multiple applications by using single sign-on (SSO)?

- a) Azure resource group
- b) Azure Active Directory (Azure AD)
- c) Azure advisor
- d) Azure monitor

Q265: Which tool enables users to authenticate to multiple applications by using single sign-on (SSO)?

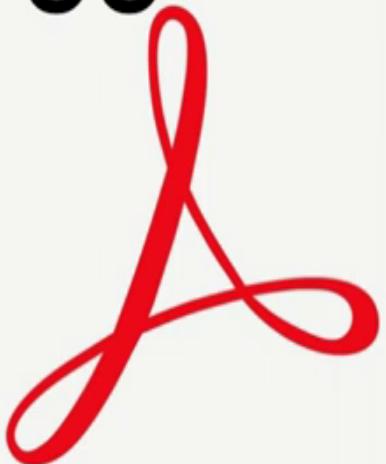
- a) Azure resource group
- b) Azure Active Directory (Azure AD)
- c) Azure advisor
- d) Azure monitor

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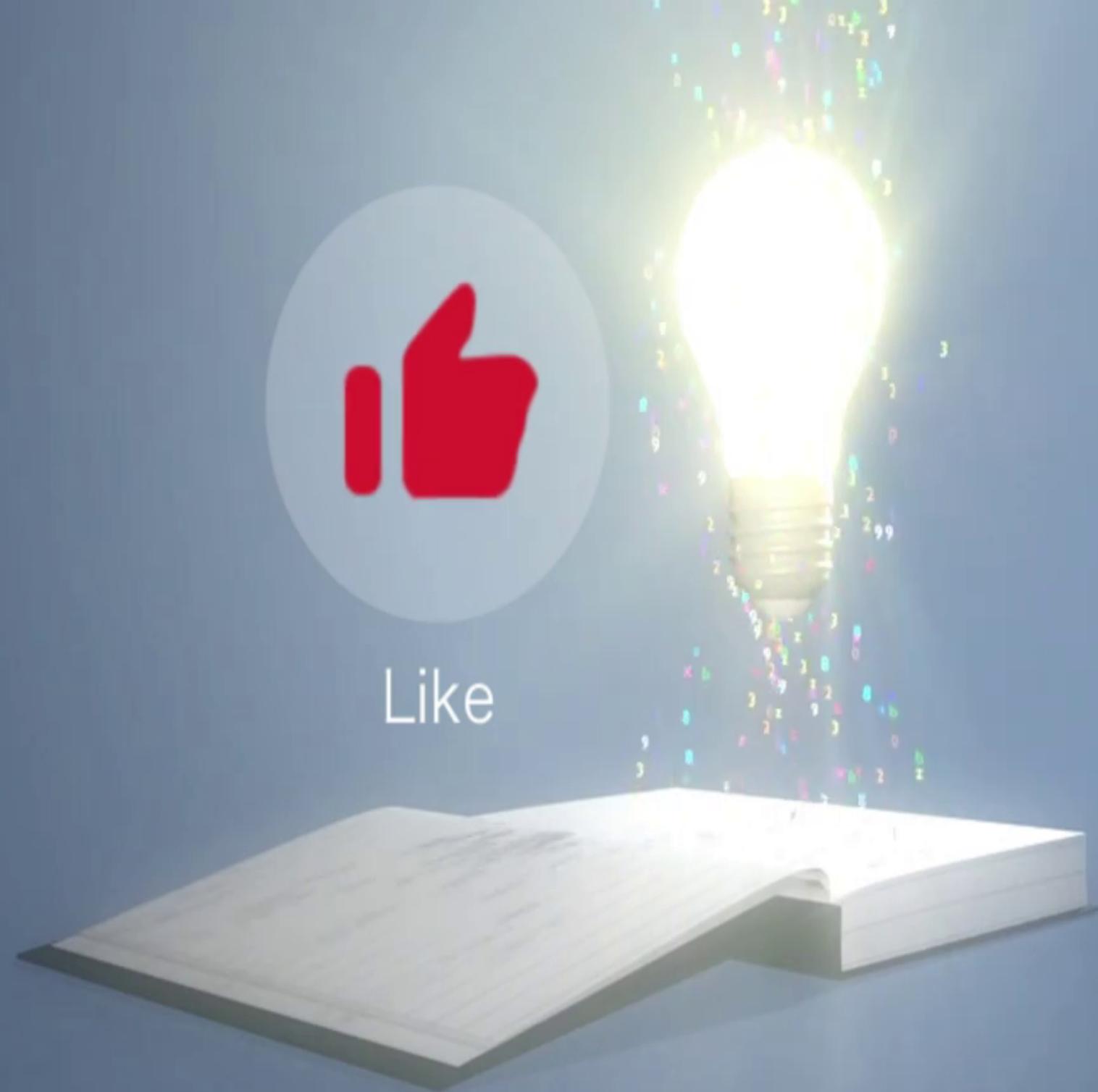


20 latest and important questions.

YES

NO

00:16:44





20 latest and important questions.

YES

NO

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for
watching.

See you in our next video!



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