

Microsoft

Exam 74-678

Designing and Providing Microsoft Volume Licensing Solutions to Large Organisations

Version: 8.0

[Total Questions: 104]

Topic break down

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Topic 1, A.Datum Corporation

Overview

A Datum Corporation is a manufacturing company that has a main office in New York City, sales offices throughout the United States, and a manufacturing plant in Seattle.

A Datum has 3,000 users. One hundred and fifty users work at the main office in an administrative role, 650 users work in the sales offices, and 2,200 users work in the manufacturing plant.

Existing Environment

Current Infrastructure

A Datum runs an on-premises server farm that is lightly virtualized. All servers run Windows Server 2008 R2.

A Datum uses Microsoft Lync Server 2010, Microsoft SharePoint Server 2010, and Microsoft Exchange Server 2010. Various versions of Microsoft SQL Server are used heavily across the server farm both as an infrastructure product and as a data warehouse tool.

The server farm contains 12 servers. Six of the servers have two processors with quad cores. Six of the servers have four processors with quad cores.

Half of the servers are managed by using Microsoft System Center 2010.

Each user at the main office has a desktop computer that runs Windows 7 Professional. The computers have Microsoft Office Professional Plus 2007 installed. Each user at the sales offices has a laptop that runs Windows 7 Professional. The laptops have Office Professional Plus 2010 installed.

Windows 7 licenses were acquired when the hardware was acquired. The users in the manufacturing plant do not have access to any devices except for terminals that run a line-of-business application.

Current Licensing Solution

A Datum recently signed an Enterprise Agreement that includes Office Professional Plus, Windows Enterprise Upgrade, and Microsoft Core CAL Suite licensed per user.

Currently, all of the licenses for SQL Server are assigned to long-term workloads.

Requirements

Business Goals

A Datum spent a significant amount of time developing a custom application that will be used by hundreds of the company's partners and suppliers. The application will always run

on the latest version of SQL Server and SharePoint Server. A Datum wants the application to be available to the users immediately.

A Datum wants a cost-effective solution for the manufacturing plant users to access email and to view the company's intranet site.

Planned Changes

Currently, the server farm runs entirely on-premises.

A Datum plans to extend the server farm to the cloud and is considering completely moving some workloads to the cloud. In addition, the company plans to use hosted services for the productivity servers in the next 24 to 36 months. The company expects the existing onpremises server farm to be heavily virtualized within three months. Each server will host eight to 20 virtual machines.

A Datum wants to improve the manageability and control of the users' desktops. In the short term, the company will deploy Windows 8.1 Enterprise and Office Professional Plus 2013 internally. During the next six months, A Datum plans to implement a Virtual Desktop Infrastructure (VDI) by using Remote Desktop Services (RDS) on Windows Server 2012 R2.

In line with the VDI implementation, all of the sales office users will be issued a tablet. A Datum wants to enable the users to work from their home computer as well, as the need arises. In addition, the company plans to enable a Bring Your Own Device (BYOD) strategy.

Question No : 1 - (Topic 1)

How should SharePoint Server 2013 be licensed for the custom application for the company's partners and suppliers?

- A. By using a SharePoint Server 2013 External Connector license
- **B.** By using a SharePoint Server 2013 server license
- C. By using a SharePoint Server 2013 server license and User CALs
- **D.** By using a SharePoint Server 2013 for Internet Sites license

Answer: A

Explanation: * Scenario: A Datum spent a significant amount of time developing a custom application that will be used by hundreds of the company's partners and suppliers. The application will always run on the latest version of SQL Server and SharePoint Server. A Datum wants the application to be available to the users immediately.

* an External Connector (EC) license is offered for some products as an optional alternative

to address specific customer scenarios.

* If you want external users—such as business partners, external contractors, or customers—to be able to access your network, you have two licensing options: Acquire CALs for each of your external users.

Acquire External Connector (EC) licenses for each server that will be accessed by your external users.

Question No: 2 - (Topic 1)

Which two goals are met by the company's current licensing solution given the planned changes? Each correct answer presents part of the solution.

- **A.** A Datum must run the most up-to-date versions of the desktop platform products to access the custom application.
- **B.** A Datum wants the users to be able to access their corporate desktop from their home computer.
- C. A Datum wants to deliver Windows and Office in a virtual desktop to the users.
- **D.** A Datum wants to be able to install multiple virtual desktops on the device of each user.
- **E.** A Datum wants the flexibility to deploy virtual desktops to the cloud.

Answer: B.C

Explanation: Not A: The latest versions can not be used.

Not D, not E: No current cloud licensing exists.

* Scenario:

/ Current Licensing Solution

A Datum recently signed an Enterprise Agreement that includes Office Professional Plus, Windows Enterprise Upgrade, and Microsoft Core CAL Suite licensed per user.

Currently, all of the licenses for SQL Server are assigned to long-term workloads.

/ A Datum uses Microsoft Lync Server 2010, Microsoft SharePoint Server 2010, and Microsoft Exchange Server 2010. Various versions of Microsoft SQL Server are used heavily across the server farm both as an infrastructure product and as a data warehouse tool.

/ Business Goals

A Datum spent a significant amount of time developing a custom application that will be

used by hundreds of the company's partners and suppliers. The application will always run on the latest version of SQL Server and SharePoint Server. A Datum wants the application to be available to the users immediately.

Question No: 3 HOTSPOT - (Topic 1)

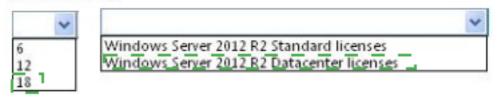
Which licenses should A Datum purchase through the Enterprise Agreement to license the servers in the server farm for Windows Server 2012 R2? To answer, select the number and type of licenses in the answer area.

Answer Area

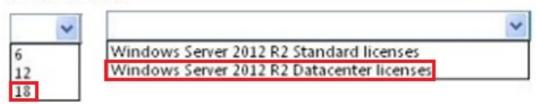


Answer:

Answer Area



Explanation: Answer Area



- *Scenario: The server farm contains 12 servers. Six of the servers have two processors with quad cores. Six of the servers have four processors with quad cores.
- * Windows Server 2012 Datacenter license A single license covers up to two physical processors.

* Both Standard and Datacenter editions provide the same set of features; the only thing that

differentiates the editions is the number of Virtual Machines (VMs). A Standard edition license will entitle you to run up to two VMs on up to two processors (subject to the VM use rights outlined in the Product Use Rights document). A Datacenter edition license will entitle you to run an unlimited number of VMs on up to two processors.

Question No: 4 HOTSPOT - (Topic 1)

A Datum is evaluating whether to acquire the SQL Server 2014 licenses through a Server and Cloud Enrollment (SCE).

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer Area

	Yes	No
A. Datum needs Software Assurance (SA) on all of its SQL Server 2014 licenses.	0	0
A. Datum needs SQL Server Enterprise Core licenses that are available only through the SCE.	0	0
It is more cost effective to purchase SQL Server 2014 through the SCE rather than as an Additional Product in the Enterprise Agreement.	0	0

Answer:

Answer Area

	Yes	No
A. Datum needs Software Assurance (SA) on all of its SQL Server 2014 licenses.	[0]	0
A. Datum needs SQL Server Enterprise Core licenses that are available only through the SCE.	0	[0]
It is more cost effective to purchase SQL Server 2014 through the SCE rather than as an Additional Product in the Enterprise Agreement.	<u>[0]</u> 1	0

Question No: 5 - (Topic 1)

You need to recommend a solution to activate Windows 8.1 Enterprise.

What should you include in the recommendation?

- **A.** The Volume Activation Management Tool (VAMT)
- **B.** Key Management Service (KMS)
- **C.** Multiple Activation Key (MAK) independent activation
- **D.** Multiple Activation Key (MAK) proxy activation

Answer: A

Explanation: * Scenario: the company will deploy Windows 8.1 Enterprise

* The Volume Activation Management Tool (VAMT) enables network administrators and other IT professionals to automate and centrally manage the Windows®, Microsoft® Office, and select other Microsoft products volume and retail-activation process. VAMT can manage volume activation using Multiple Activation Keys (MAKs) or the Windows Key Management Service (KMS).

Question No: 6 - (Topic 1)

A Datum needs to identity whether the company has the rights to assign some of its SQL Server 2014 licenses to Microsoft Azure to run SQL Server 2014 on virtual machines on Azure.

Which document should the company review?

- A. Volume Licensing Online Services Terms (OST)
- **B.** Microsoft Product List
- **C.** Volume Licensing Product Use Rights (PUR)
- **D.** Microsoft Service Provider Use Rights (SPUR)

Answer: A

Explanation: Online Services Terms (OST)

When you subscribe to an Online Service through a Microsoft Volume Licensing program, the service terms for how you can use the service are defined in the Volume Licensing Online Services Terms (OST) document, Product List document, and program agreement

Question No: 7 - (Topic 1)

A Datum is evaluating moving the licensing of its desktop platform products to Office 365.

Which three licenses will make up its desktop platform? Each correct answer presents part of the solution.

- A. Office 365 ProPlus
- **B.** Windows Intune
- C. Windows 8.1 Enterprise
- D. Microsoft Core CAL Suite Bridge for Office 365
- E. Office 365 Enterprise E3

Answer: A,D,E

Explanation: A: When you deploy Office 365 ProPlus, it's installed on the user's local computer. Office 365 ProPlus is offered as a monthly subscription.

D: Microsoft Client Access License (CAL) Suite Bridges are used when you are transitioning from a CAL Suite (on premises) to a comparable Product and Online Service combination.

* Scenario:

A Datum wants to improve the manageability and control of the users' desktops. In the short term, the company will deploy Windows 8.1 Enterprise and Office Professional Plus 2013 internally. During the next six months, A Datum plans to implement a Virtual Desktop Infrastructure (VDI) by using Remote Desktop Services (RDS) on Windows Server 2012

R2.

Question No: 8 - (Topic 1)

Which licenses should you recommend for the manufacturing plant users?

- A. 2,200 Office 365 Enterprise K1
- B. 2,200 Office 365 Enterprise E3
- C. 2,200 Office 365 Enterprise E1
- D. 2,200 SharePoint Online Plan 1 and 2,200 Exchange Online Plan 1

Answer: A

Explanation: * Scenario:

/ 2,200 users work in the manufacturing plant. The users in the manufacturing plant do not have access to any devices except for terminals that run a line-of-business application. / A Datum wants a cost-effective solution for the manufacturing plant users to access email and to view the company's intranet site.

Question No:9 - (Topic 1)

A Datum is planning the implementation of the VDI.

You need to ensure that the sales office users have access to their corporate desktops from their home computers after the VDI is implemented.

Which licenses should you recommend that A Datum purchase?

- A. An Office Professional Plus 2013 license for each home computer
- B. An Office Professional Plus 2013 license that has SA for each home computer
- C. A Windows 8.1 Enterprise license for each home computer
- D. An RDS User CAL for each sales office user
- E. An Office 365 ProPlus User Subscription License (USL) for each sales office user

^{*} The Kiosk plan K1 is enough.

Answer: A

Explanation: * A Datum plans to implement a Virtual Desktop Infrastructure (VDI) by using Remote Desktop Services (RDS) on Windows Server 2012 R2.

In line with the VDI implementation, all of the sales office users will be issued a tablet.

* You need a RDS CAL for each user/device, a Windows Server CAL for each user/device, and any application licenses as needed.

Question No: 10 - (Topic 1)

A Datum purchases Windows 8.1 Enterprise Upgrade licenses through their current agreement.

What are three benefits of these licenses compared to the Original Equipment Manufacturer (OEM) licenses? Each correct answer presents a complete solution.

- A. License Mobility rights
- **B.** Rights to reassign licenses
- C. Re-imaging rights
- **D.** Perpetual usage rights
- E. Windows Virtual Desktop Access (VDA) rights

Answer: B,D,E

Explanation: B: Windows Enterprise use rights are bound to the existing PC if SA is allowed to expire. And as before, Windows Enterprise edition upgrade licenses can be reassigned to a replacement device while SA is active, as long as the replacement device has a "qualifying OS."

Question No: 11 - (Topic 1)

A Datum plans to implement the VDI.

You need to recommend a solution to ensure that the sales office users can access their corporate desktop from a company-owned iPad. The solution must be the most cost-effective solution today and must ensure that the company meets the licensing requirements of the planned IT strategy.

Which two licenses should you include in the recommendation? Each correct answer presents part of the solution.

- A. A Windows Virtual Desktop Access (VDA) license for each tablet
- B. A Windows Companion Subscription (CSL) license for each primary device
- C. A Windows 8.1 Enterprise Upgrade license for each tablet
- **D.** An RDS User CAL for each sales office user

Answer: A,D

Explanation: A: VDA licensing is the recommended license for VDI access devices that do not

qualify for SA. VDA provides organizations with the ability to license Windows for use via devices that do not traditionally come with a Windows license, such as thin clients, smartphones, and tablet devices. Organizations can also use VDA to license devices that the organization does not own, such as employees' home PCs and contractor devices.

D: The RDS CAL is the primary license for Microsoft VDI. It offers the flexibility to deploy both VDI and RDS Session Virtualization so that you can provide access to full desktop and shared desktop experiences. You must purchase one RDS CAL for each device or user that accesses VDI. A

* Scenario: A Datum plans to implement a Virtual Desktop Infrastructure (VDI) by using Remote Desktop Services (RDS) on Windows Server 2012 R2. In line with the VDI implementation, all of the sales office users will be issued a tablet. A Datum wants to enable the users to work from their home computer as well, as the need arises. In addition, the company plans to enable a Bring Your Own Device (BYOD) strategy.

Question No: 12 - (Topic 1)

A Datum wants to extend its on-premises server farm by deploying SQL Server to virtual machines in Microsoft Azure for a short-term development project.

How should you recommend that Contoso license the deployment?

A. Purchase virtual machines that run Windows Server through Azure and assign existing SQL Server licenses by using License Mobility within Server Farms.

- **B.** Purchase virtual machines that run SQL Server through Azure.
- **C.** Purchase virtual machines that run Windows Server through Azure and assign existing SQL Server licenses by using License Mobility through Software Assurance (SA).
- D. Use MSDN licenses for Windows Server virtual machines and for SQL Server.

Answer: C

Explanation: * With License Mobility through Software Assurance, you can deploy certain server application licenses purchased under your Volume Licensing agreement in an Authorized Mobility Partner's datacenter.

* Use License Mobility to:

Extend the value of your server application license by deploying them on-premises or in the cloud.

Take advantage of the lowest cost computing infrastructure for changing business priorities.

Topic 2, Contoso, Ltd

Overview

Contoso, Ltd. is an online store that has a main office, two branch offices, and five warehouses.

Contoso has 2,600 users. Nine hundred users work in the warehouses. The rest of the users work in the offices.

Contoso has 1,000 partners. The partners are manufacturers and distributors whose products are sold online by Contoso.

The company has an IT department, a purchasing department, a research department, a marketing department a human resources (HR) department, and a finance department.

Existing Environment

Current Environment

Contoso uses various versions of Microsoft SQL Server for its online store application.

Licenses are purchased under Select Plus, Open, Full Packaged Product (FPP). and Original Equipment Manufacturer (OEM). Some licenses have Software Assurance (SA). Contoso is not enrolled in a Software Assurance Membership (SAM).

Problem Statement

Contoso identifies the following issues:

The users in the IT department who are responsible for licensing are unaware of the software installations done in the branch offices and the warehouses. Currently, branch office and warehouse managers purchase software licenses

- independently, according to their needs and to seasonal changes in employment.
- The IT manager reports that there is a limited budget to update the internal infrastructure compared to the budget to update the infrastructure for the online store systems. The manager also reports that there is limited staff available to manage the IT infrastructure.
- The HR department reports that requests for vacation time for employees in the warehouses are sent to them by using email and that the current process is unmanageable.
- The IT department users who are responsible for licensing report that they spend too much time managing various types of licensing solutions.
- The research department reports that it frequently lacks the server hardware resources to test new multi-tiered applications.

Requirements

Business Goals

Contoso has the following business goals:

- Minimize the costs of upgrading.
- # Use current and standardized software across the company.
- ## Meet an internal IT department requirement that new systems be low maintenance.
- Update the company's internal IT environment and minimize all costs associated with the update.
- Centralize the purchasing of Microsoft software and implement a standardized purchasing process to avoid non-compliant installations.

Planned Changes

Contoso is considering two options:

- ## Purchasing new hardware and software and keeping all systems on-premises
- # Migrating the existing IT environment to the cloud

Both solutions will be implemented by the IT department.

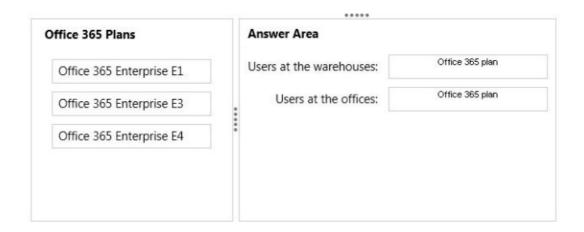
Contoso plans to use the latest version of Windows Server, Microsoft Exchange Server, Microsoft SharePoint Server, and Microsoft Lync Server.

All of the users, except for the warehouse users, must be able to use the Enterprise Voice feature of Lync.

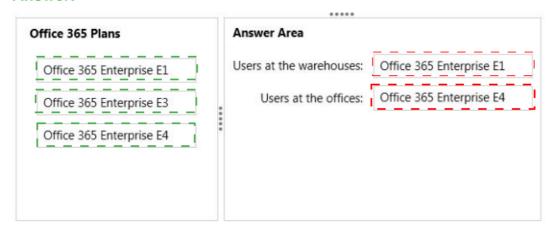
Question No: 13 DRAG DROP - (Topic 2)

Which Microsoft Office 365 plan is the most cost-effective way to license the users in the warehouses and the users in the offices? To answer, drag the appropriate Office 365 plans to the correct users. Each Office 365 plan may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.



Answer:



Explanation:

Box 1: Office 365 Enterprise E1 Box 2: Office 365 Enterprise E4

Note:

* Scenario:

/ Contoso, Ltd. is an online store that has a main office, two branch offices, and five warehouses.

Contoso has 2,600 users. Nine hundred users work in the warehouses. The rest of the users work in the offices.

/ All of the users, except for the warehouse users, must be able to use the Enterprise Voice feature of Lync.

- * Office 365 Enterprise E1
- * Office 365 Enterprise E4

No need to install and maintain a costly private branch exchange (PBX) system. With Office 365 E4, you can enhance or replace your PBX phone system with the enterprise calling capabilities of Lync Server 2013

Question No: 14 - (Topic 2)

You need to tell Contoso which additional SA benefits the company will receive if it signs an Enterprise Agreement.

Which two SA benefits should you identify? Each correct answer presents a complete solution.

- A. Windows Virtual Desktop Access (VDA) rights
- **B.** Microsoft Desktop Optimization Pack (MDOP)
- **C.** Planning Services
- **D.** Training Vouchers

Answer: C,D

Explanation: Key benefits of Software Assurance include:

- (C) Planning Services to enable efficient deployments
- (D) In-person and online training for IT pros and end users

Rights to new software releases during the term of your agreement at no additional cost Access to unique technologies available only to Software Assurance customers Ways to spread payments over time

Question No: 15 - (Topic 2)

Which product should you recommend for the research department?

- A. Microsoft Dynamics CRM Online
- **B.** Windows Intune
- C. Microsoft System Center 2012 R2
- D. Microsoft Azure

Answer: D

Explanation: * Scenario: The research department reports that it frequently lacks the

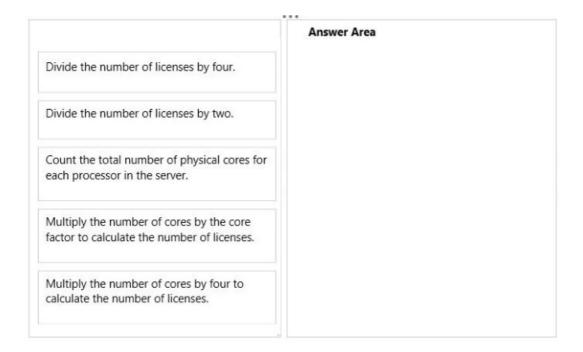
server hardware resources to test new multi-tiered applications.

* Use the cloud to host the application.

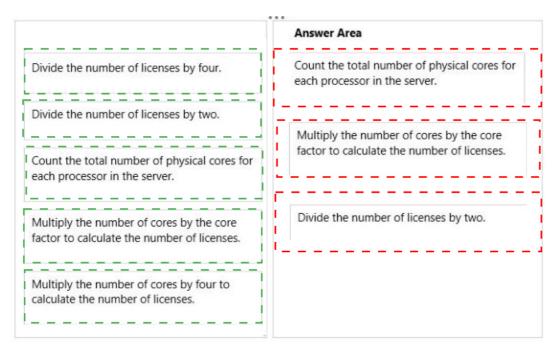
Question No: 16 DRAG DROP - (Topic 2)

You need to tell Contoso how to calculate the number of required SQL Server 2014 corebased license packs.

Which three steps should you tell Contoso to perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



Answer:



Explanation:

- Box 1: Count the total number of physical cores for each processor in the server.
- Box 2: Multiply the number of cores by the core factor to calculate the number of licences.
- Box 3: Divide the number of licences by two.
- * SQL Server Core Based License

Enterprise: \$6874 X [# of cores] X [core factor]

* Core factor:

Processor Type	Core Factor
AMD Processors 31XX, 41XX, 42XX, 61XX, 62XX Series with 6+ cores	0.75
Single Core Processors	4
Dual-Core Processors	2
All other processors	1

* Examples:

Case	Licenses
Two processors, two cores per processor, core factor 2, Intel	2 x 2 x 2 = 8 licenses
One processor, four cores, Intel	1 x 4 x 1 = 4 licenses
Two processors, AMD 61XX model, eight cores	2 x 8 x 0.75 = 12 licenses

^{*} Note that when ordering the licenses, you must divide the number of licenses by two to determine how many 'packs' to order.

Question No: 17 - (Topic 2)

You inform Contoso about license management and the benefits of using the Volume Licensing Service Center (VLSC).

Which licensing agreement CANNOT be managed from the VLSC?

- A. Enterprise Agreement
- B. Open
- C. FPP
- **D.** Enterprise Subscription Agreement

Answer: C

Explanation: Not A: Accessing Product Keys by Organization in the VLSC If you purchased an Enterprise Agreement, you can track your product keys by the organization and also sort them in the open Microsoft Excel file in the Organization column.

Not B: When a new Open License order is placed, Microsoft captures the details for both the end

customer and reseller.

Not B, Not D: Registered VLSC users who are owners or resellers of Open License agreements can request a limited set of permissions for Open License agreements only.

These permissions include

Viewing Open License agreements

Download licensed software

Access product keys

Viewing a software assurance summary

Viewing or managing Microsoft subscriptions

Reference: Volume Licensing Service Center User Guide

Question No: 18 - (Topic 2)

Contoso deploys an on-premises infrastructure of Lync Server 2013.

You need to recommend a licensing solution for the Lync Server 2013 users.

What should you recommend?

- A. Lync Server 2013 Standard CAL and Lync Server 2013 Plus CAL
- B. Lync Server 2013 Standard CAL and Lync Server Enterprise 2013 CAL
- C. Lync Server 2013 Enterprise CAL and Lync Server 2013 Plus CAL
- **D.** Microsoft Office 365 Enterprise E1

Answer: C

Explanation: * Scenario: All of the users, except for the warehouse users, must be able to use the Enterprise Voice feature of Lync.

* Lync Enterprise CAL (audio, video, web conferencing) Lync Plus CAL (Enterprise voice features)

Question No: 19 - (Topic 2)

Contoso is evaluating the purchase of a Microsoft Office 365 subscription.

Which three Office 365 plans support the needs of the HR department? Each correct answer presents a complete solution.

- A. Office 365 Enterprise E4
- B. Office 365 Enterprise E3
- C. Office 365 Enterprise El
- D. Office 365 ProPlus
- E. Office 365 Enterprise K1

Answer: A,B,C

Question No : 20 - (Topic 2)

Which on-premises solution should you recommend to meet the business goals?

- A. Microsoft Project Server 2013
- B. Microsoft Dynamics CRM Server 2013
- C. Microsoft System Center 2012 R2
- D. Microsoft SharePoint Server 2013

Answer: C

Explanation: Microsoft System Center solutions can help you capture and aggregate

knowledge about your infrastructure, policies, processes, and best practices so that your IT

staff can build manageable systems and automate operations.

Question No : 21 - (Topic 2)

Which three benefits of an Enterprise Agreement apply to Contoso? Each correct answer

presents part of the solution.

A. The eligibility to downgrade on-premises software.

B. The eligibility for volume discounts.

C. The ability to spread payments across the terms of the agreement.

D. The ability to purchase Microsoft cloud services and on-premises software through one

agreement.

E. The ability to opt out of purchasing SA on a per-license basis.

Answer: B,C,D

Explanation: B: When it is purchased through your EA, volume pricing discounts are available and apply to both your initial annual monetary commitment level and any

additional Microsoft Azure service capacities you may add throughout your EA.

C: Spread Payments

Payments for products and services purchased at signing may be spread over three annual

payments mapping to your yearly agreement anniversary. This is a benefit of the EA's

Software Assurance coverage and is offered as an optional payment term with no cost-of-

money fees.

D: The Microsoft Enterprise Agreement is a manageable volume licensing program that

gives organizations the flexibility to purchase software licenses and/or cloud services under

one agreement in response to the changing technological landscape.

Reference: Program Guide, Enterprise Agreement

Topic 3, Mix Questions

Question No: 22 - (Topic 3)

A company named Contoso, Ltd. purchases server licenses that have Software Assurance (SA).

The company plans to migrate all servers to Microsoft Azure.

You need to identify which SA benefits can be used by the IT department to support the planned migration.

Which two benefits should you identify? Each correct answer presents part of the solution.

- A. Backup for Disaster Recovery
- B. License Mobility through SA
- C. License Mobility within Server Farms
- D. Planning Services

Answer: B,D

Explanation: B: License Mobility Through Software Assurance

D: Key benefits of Software Assurance include:

Planning Services to enable efficient deployments

In-person and online training for IT pros and end users

Rights to new software releases during the term of your agreement at no additional cost

Access to unique technologies available only to Software Assurance customers

Ways to spread payments over time

Question No: 23 - (Topic 3)

You need to recommend a solution for a customer that meets the following requirements:

- # Include hosted email.
- # Minimize costs.

What should you recommend?

- A. Microsoft Exchange Online Plan 1
- B. Microsoft Office 365 Enterprise E3
- C. Microsoft Office 365 Enterprise K1

D. Microsoft Office 365 Enterprise E1

Answer: C

Explanation: Kiosk would be cheaper compared to E1 and E3.

Incorrect:

Not A: Microsoft Exchange Online Plan 1 does not include Office Online.

Question No: 24 - (Topic 3)

A customer has an Enterprise Agreement and five servers that run Windows Server 2012 R2 Standard. Each server hosts one virtual machine that runs Windows Server 2012 R2 Standard.

On each server, the customer plans to add 10 virtual machines that will run Windows Server 2012 R2 Standard.

You need to recommend a licensing solution for the planned deployment of the virtual machines.

The solution must minimize costs.

What should you recommend purchasing?

- **A.** Windows Server 2012 R2 Standard licenses
- B. Software Assurance (SA) Step-up licenses
- C. Windows Server 2012 R2 Datacenter licenses
- **D.** Windows Server 2012 R2 Essentials licenses

Answer: C

Explanation: For Windows Server 2012 R2 Datacenter Edition:

Running Instances of the Server Software.

For each server to which you have assigned the required number of software licenses, you may run on the licensed server, at any one time:

/ One instance of the server software in the physical OSE, and

/ Any number of instances of the server software in virtual OSEs (only one instance per virtual OSE).

Incorrect:

The alternatives do not allow 10 virtual machines on each server:

Not A: For each server with Windows Server 2012 R2 Standard only two instance of the server software in one virtual operating system environment. Not C: For each server with Windows Server 2012 R2 Essentials only one instance of the server software in one virtual operating system environment.

Reference: Licensing Windows Server 2012 R2 for use with virtualization technologies

Question No: 25 - (Topic 3)

A customer has Software Assurance (SA) on a Windows Enterprise Upgrade license.

You need to identify for the customer which benefit provides each user with the ability to run a corporate image of Windows from a USB device.

Which benefit should you identify?

A. Windows Thin PC

B. Windows Virtual Desktop Access (VDA)

C. Roaming Use Rights

D. Windows To Go

E. License Mobility through SA

Answer: D

Explanation: Included with Windows 8.1 Enterprise

Windows To Go is your own fully manageable, corporate image installed on a bootable certified USB drive. It is a new feature of Windows 8.1 Enterprise available to customers with Software Assurance to help businesses address a wide range of mobility and travel light requirements.

Question No: 26 - (Topic 3)

A company has 500 users.

The company signs an Enterprise Agreement licensing 450 users for Microsoft Office Professional Plus 2013 and the Microsoft Enterprise CAL Suite.

Fifty users from the sales department will be licensed for similar functionality by using Office 365 User Subscription Licenses (USLs).

You need to recommend an Office 365 plan for the sales department users. The solution must ensure that all of the users have equivalent licensing and must minimize costs.

Which plan should you recommend?

- A. Office 365 Enterprise E1
- **B.** Office 365 Enterprise E3
- C. Office 365 Enterprise E4
- D. Office 365 Midsize Business

Answer: B

Explanation:

Incorrect:

Not A: Office 365 Enterprise E1 does not include Microsoft Office Professional Plus 2013.

Not C: Not required. E3 is enough.

Question No: 27 - (Topic 3)

This question requires that you evaluate the underlined text to determine if it is correct.

Microsoft includes product activation technology in some products. Key Management Service (KMS) activation can be used to activate products acquired through any channel.

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.** As a Full Packaged Product (FPP)

- C. Preinstalled on a new computer
- D. Through Volume Licensing only

Answer: D

Explanation: Microsoft Key Management Services (KMS) provides a way to activate volume license.

Question No: 28 HOTSPOT - (Topic 3)

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer Area

	Yes	No
A customer can purchase licenses on a transactional basis through a Microsoft Products and Services Agreement (MPSA).	0	0
A customer can purchase Software Assurance (SA) on some or all of its licenses through a Microsoft Products and Services Agreement (MPSA).	0	0
A customer can purchase both Online Services and licenses for on-premises software through a Microsoft Products and Services Agreement (MPSA).	0	0

Answer:

Answer Area

	Yes	No
A customer can purchase licenses on a transactional basis through a Microsoft Products and Services Agreement (MPSA).	[0]	0
A customer can purchase Software Assurance (SA) on some or all of its licenses through a Microsoft Products and Services Agreement (MPSA).	101	0
A customer can purchase both Online Services and licenses for on-premises software through a Microsoft Products and Services Agreement (MPSA).	<u>[0]</u>	0

Explanation:

	Yes	No
A customer can purchase licenses on a transactional basis through a Microsoft Products and Services Agreement (MPSA).	0	0
A customer can purchase Software Assurance (SA) on some or all of its licenses through a Microsoft Products and Services Agreement (MPSA).	0	0
A customer can purchase both Online Services and licenses for on-premises software through a Microsoft Products and Services Agreement (MPSA).	0	0

- (1) Microsoft Products and Services Agreements (MPSA) Transactional
- (3) MPSA new non-expiring master agreement with integrated purchasing of on-premise software, cloud services, Software Assurance and professional services

Question No: 29 HOTSPOT - (Topic 3)

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer Area

	Yes	No
Open Value Company-wide allows a customer to license affiliates located in North America, Europe, and Asia.	0	0
Select Plus is a three-year agreement.	0	0
Software Assurance (SA) can be added at any time to existing licenses purchased through a Select Plus agreement.	0	0
Each affiliate of a company can order software separately through a Select Plus agreement.	0	0

Answer:

Answer Area

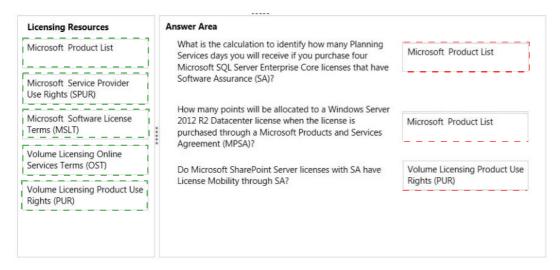
	Yes	No
Open Value Company-wide allows a customer to license affiliates located in North America, Europe, and Asia.	0	101
Select Plus is a three-year agreement.	0	<u>[0]</u>
Software Assurance (SA) can be added at any time to existing licenses purchased through a Select Plus agreement.	0	101
Each affiliate of a company can order software separately through a Select Plus agreement.	107	0

Question No: 30 DRAG DROP - (Topic 3)

Match the licensing resources that can be used to answer the corresponding questions. To answer, drag the appropriate licensing resource from the column on the left to its question on the right. Each licensing resource may be used once, more than once, or not at all.

Microsoft Product List	What is the calculation to identify how many Planning Services days you will receive if you purchase four Microsoft SQL Server Enterprise Core licenses that have	Licensing resource
Microsoft Service Provider Use Rights (SPUR)	Software Assurance (SA)?	
Microsoft Software License Terms (MSLT)	How many points will be allocated to a Windows Server 2012 R2 Datacenter license when the license is purchased through a Microsoft Products and Services	Licensing resource
Volume Licensing Online Services Terms (OST)	Agreement (MPSA)? Do Microsoft SharePoint Server licenses with SA have	Licensing resource
Volume Licensing Product Use Rights (PUR)	License Mobility through SA?	

Answer:



Explanation:



* Box 1: in PL document:

Customers can also increase the number of available Planning Services days if they meet the following criteria: (a) are currently eligible for the Training Voucher benefit, (b) have activated their Training Voucher benefit, and (c) have at least 3 unclaimed training days from Training Voucher benefit available for conversion.

Box 2: in PL Document:

Qualified customers receive a number of Planning Services days based on the number of qualifying Office Application licenses, qualifying Server licenses and the number of Core CAL suites, SQL CAL and Enterprise CAL suites for which SA is acquired (see the charts below for details). The number of days a customer receives is for the available Planning Services offerings are combined into a pool of Planning Services days.

Example:

SQL Server Data Center edition, SQL Parallel Data Warehouse, Windows Server Data Center edition, System Center 2012 Datacenter Server Management License (2-

processor), and Visual Studio Ultimate with MSDN

Points: 75

* Box 3: In PUR document:

SharePoint Server 2013

Added Enterprise Mobility Suite User CAL as fulfilling Base CAL requirement and that full Enterprise Mobility Suite User SL satisfies access requirement for Additional Functionality.

Question No: 31 - (Topic 3)

A customer plans to implement a data center. All of the servers in the data center will run Windows Server 2012 R2. The customer will manage all virtual servers by using Microsoft System Center 2012 R2. The customer plans to be licensed for unlimited virtualization.

You need to recommend a solution for the planned implementation.

What should you recommend that the customer purchase?

- A. Windows Server 2012 R2 Datacenter
- B. System Center 2012 R2 Client Management Suite
- C. System Center 2012 R2 Datacenter
- **D.** Core Infrastructure Server Suite Datacenter

Answer: C

Explanation: System Center 2012 R2 Datacenter Edition provides an easy and economical option for managing virtualized servers.

Question No: 32 HOTSPOT - (Topic 3)

A customer is considering signing a Server and Cloud Enrollment (SCE).

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer Area

	Yes	No
If the customer commits to the Core Infrastructure component, all deployed licenses of Windows Server must be covered by a Core Infrastructure Server Suite license.	0	0
Customers enrolled in the Core Infrastructure component can use Microsoft System Center to manage Microsoft Azure virtual machines.	0	0
Microsoft Azure is provisioned automatically when a customer commits to any component in the SCE.	0	0
If the customer commits to the Application Platform component, the customer can license Microsoft SharePoint Server without licensing Microsoft SQL Server.	0	0

Answer:

Answer Area

	Yes	No
If the customer commits to the Core Infrastructure component, all deployed licenses of Windows Server must be covered by a Core Infrastructure Server Suite license.	[0]	0
Customers enrolled in the Core Infrastructure component can use Microsoft System Center to manage Microsoft Azure virtual machines.	[<u>0</u>]	0
Microsoft Azure is provisioned automatically when a customer commits to any component in the SCE.	[0]	0
If the customer commits to the Application Platform component, the customer can license Microsoft SharePoint Server without licensing Microsoft SQL Server.	0	101

Explanation:

Answer Area

	Yes	No
If the customer commits to the Core Infrastructure component, all deployed licenses of Windows Server must be covered by a Core Infrastructure Server Suite license.	0	0
Customers enrolled in the Core Infrastructure component can use Microsoft System Center to manage Microsoft Azure virtual machines.	0	0
Microsoft Azure is provisioned automatically when a customer commits to any component in the SCE.	0	0
If the customer commits to the Application Platform component, the customer can license Microsoft SharePoint Server without licensing Microsoft SQL Server.	0	0

* (1st) Core Infrastructure requirements:

CIS coverage for all Windows Servers

- * (2nd, 3rd): Core Infrastructure Suite (CIS) committed customers receive incremental rights to use System Center to manage Azure virtual machines and resources at no additional cost.
- * (4) Application Platform products:

/ Products

SQL Server

BizTalk Server

SharePoint Server

/ Requirements

Full SA coverage

Question No: 33 - (Topic 3)

A company has 750 computers that have Original Equipment Manufacturer (OEM) licenses for Microsoft Office Professional 2010. The company plans to update 340 computers to Office Professional Plus 2013.

You need to recommend the license agreement through which the company should

purchase the licenses.

Which agreement should you recommend?

- A. Open Value Non-Company-wide
- B. Select Plus
- C. OEM
- D. Microsoft Online Subscription Agreement (MOSA)

Answer: C

Question No: 34 - (Topic 3)

A company has 1,000 desktop computers that run Windows 8.1. The company also has 20 servers that run Windows Server 2012 R2.

The company does not use server visualization.

You need to recommend a solution to manage all of the computers and the servers on the network.

Which two licenses should you recommend? Each correct answer presents part of the solution.

- A. Microsoft System Center 2012 R2 Client Management Suite
- **B.** Microsoft System Center 2012 R2 Standard server management license (ML)
- C. Microsoft Core CAL Suite
- D. Microsoft System Center 2012 R2 Datacenter server management license (ML)

Answer: B,C

Explanation: B: System Center 2012 R2 Standard Edition provides an easy and economical option for managing non-virtualized and lightly virtualized servers

C: Need CAL licenses for the clients.

Incorrect:

Not D: System Center 2012 R2 Datacenter Edition provides an easy and economical option for managing virtualized servers-

Microsoft Exams List

70-246 Dump PDF VCE	70-485 Dump PDF VCE	70-742 Dump PDF VCE	98-366 Dump PDF VCE
70-247 Dump PDF VCE	70-486 Dump PDF VCE	70-743 Dump PDF VCE	98-367 Dump PDF VCE
70-331 Dump PDF VCE	70-487 Dump PDF VCE	70-744 Dump PDF VCE	98-368 Dump PDF VCE
70-332 Dump PDF VCE	70-488 Dump PDF VCE	70-761 Dump PDF VCE	98-369 Dump PDF VCE
70-333 Dump PDF VCE	70-489 Dump PDF VCE	70-762 Dump PDF VCE	98-372 Dump PDF VCE
70-334 Dump PDF VCE	70-490 Dump PDF VCE	70-765 Dump PDF VCE	98-373 Dump PDF VCE
70-339 Dump PDF VCE	70-491 Dump PDF VCE	70-768 Dump PDF VCE	98-374 Dump PDF VCE
70-341 Dump PDF VCE	70-492 Dump PDF VCE	70-980 Dump PDF VCE	98-375 Dump PDF VCE
70-342 Dump PDF VCE	70-494 Dump PDF VCE	70-981 Dump PDF VCE	98-379 Dump PDF VCE
70-345 Dump PDF VCE	70-496 Dump PDF VCE	70-982 Dump PDF VCE	MB2-700 Dump PDF VCE
70-346 Dump PDF VCE	70-497 Dump PDF VCE	74-343 Dump PDF VCE	MB2-701 Dump PDF VCE
70-347 Dump PDF VCE	70-498 Dump PDF VCE	74-344 Dump PDF VCE	MB2-702 Dump PDF VCE
70-348 Dump PDF VCE	70-499 Dump PDF VCE	74-409 Dump PDF VCE	MB2-703 Dump PDF VCE
70-354 Dump PDF VCE	70-517 Dump PDF VCE	74-678 Dump PDF VCE	MB2-704 Dump PDF VCE
70-383 Dump PDF VCE	70-532 Dump PDF VCE	74-697 Dump PDF VCE	MB2-707 Dump PDF VCE
70-384 Dump PDF VCE	70-533 Dump PDF VCE	77-420 Dump PDF VCE	MB2-710 Dump PDF VCE
70-385 Dump PDF VCE	70-534 Dump PDF VCE	77-427 Dump PDF VCE	MB2-711 Dump PDF VCE
70-410 Dump PDF VCE	70-640 Dump PDF VCE	77-600 Dump PDF VCE	MB2-712 Dump PDF VCE
70-411 Dump PDF VCE	70-642 Dump PDF VCE	77-601 Dump PDF VCE	MB2-713 Dump PDF VCE
70-412 Dump PDF VCE	70-646 Dump PDF VCE	77-602 Dump PDF VCE	MB2-714 Dump PDF VCE
70-413 Dump PDF VCE	70-673 Dump PDF VCE	77-603 Dump PDF VCE	MB2-715 Dump PDF VCE
70-414 Dump PDF VCE	70-680 Dump PDF VCE	77-604 Dump PDF VCE	MB2-716 Dump PDF VCE
70-417 Dump PDF VCE	70-681 Dump PDF VCE	77-605 Dump PDF VCE	MB2-717 Dump PDF VCE
70-461 Dump PDF VCE	70-682 Dump PDF VCE	77-881 Dump PDF VCE	MB2-718 Dump PDF VCE
70-462 Dump PDF VCE	70-684 Dump PDF VCE	77-882 Dump PDF VCE	MB5-705 Dump PDF VCE
70-463 Dump PDF VCE	70-685 Dump PDF VCE	77-883 Dump PDF VCE	MB6-700 Dump PDF VCE
70-464 Dump PDF VCE	70-686 Dump PDF VCE	77-884 Dump PDF VCE	MB6-701 Dump PDF VCE
70-465 Dump PDF VCE	70-687 Dump PDF VCE	77-885 Dump PDF VCE	MB6-702 Dump PDF VCE
70-466 Dump PDF VCE	70-688 Dump PDF VCE	77-886 Dump PDF VCE	MB6-703 Dump PDF VCE
70-467 Dump PDF VCE	70-689 Dump PDF VCE	77-887 Dump PDF VCE	MB6-704 Dump PDF VCE
70-469 Dump PDF VCE	70-692 Dump PDF VCE	77-888 Dump PDF VCE	MB6-705 Dump PDF VCE
70-470 Dump PDF VCE	70-695 Dump PDF VCE	77-891 Dump PDF VCE	MB6-884 Dump PDF VCE
70-473 Dump PDF VCE	70-696 Dump PDF VCE	98-349 Dump PDF VCE	MB6-885 Dump PDF VCE
_70-480 Dump PDF VCE	70-697 Dump PDF VCE	98-361 Dump PDF VCE	MB6-886 Dump PDF VCE
_70-481 Dump PDF VCE	70-698 Dump PDF VCE	98-362 Dump PDF VCE	MB6-889 Dump PDF VCE
70-482 Dump PDF VCE	70-734 Dump PDF VCE	98-363 Dump PDF VCE	MB6-890 Dump PDF VCE
70-483 Dump PDF VCE	70-740 Dump PDF VCE	98-364 Dump PDF VCE	MB6-892 Dump PDF VCE
70-484 Dump PDF VCE	70-741 Dump PDF VCE	98-365 Dump PDF VCE	MB6-893 Dump PDF VCE

Cisco Exams List

010-151 Dump PDF VCE	350-018 Dump PDF VCE	642-737 Dump PDF VCE	650-667 Dump PDF VCE
100-105 Dump PDF VCE	352-001 Dump PDF VCE	642-742 Dump PDF VCE	650-669 Dump PDF VCE
200-001 Dump PDF VCE	400-051 Dump PDF VCE	642-883 Dump PDF VCE	650-752 Dump PDF VCE
200-105 Dump PDF VCE	400-101 Dump PDF VCE	642-885 Dump PDF VCE	650-756 Dump PDF VCE
200-120 Dump PDF VCE	400-151 Dump PDF VCE	642-887 Dump PDF VCE	650-968 Dump PDF VCE
200-125 Dump PDF VCE	400-201 Dump PDF VCE	642-889 Dump PDF VCE	700-001 Dump PDF VCE
200-150 Dump PDF VCE	400-251 Dump PDF VCE	642-980 Dump PDF VCE	700-037 Dump PDF VCE
200-155 Dump PDF VCE	400-351 Dump PDF VCE	642-996 Dump PDF VCE	700-038 Dump PDF VCE
200-310 Dump PDF VCE	500-006 Dump PDF VCE	642-997 Dump PDF VCE	700-039 Dump PDF VCE
200-355 Dump PDF VCE	500-007 Dump PDF VCE	642-998 Dump PDF VCE	700-101 Dump PDF VCE
200-401 Dump PDF VCE	500-051 Dump PDF VCE	642-999 Dump PDF VCE	700-104 Dump PDF VCE
200-601 Dump PDF VCE	500-052 Dump PDF VCE	644-066 Dump PDF VCE	700-201 Dump PDF VCE
210-060 Dump PDF VCE	500-170 Dump PDF VCE	644-068 Dump PDF VCE	700-205 Dump PDF VCE
210-065 Dump PDF VCE	500-201 Dump PDF VCE	644-906 Dump PDF VCE	700-260 Dump PDF VCE
210-250 Dump PDF VCE	500-202 Dump PDF VCE	646-048 Dump PDF VCE	700-270 Dump PDF VCE
210-255 Dump PDF VCE	500-254 Dump PDF VCE	646-365 Dump PDF VCE	700-280 Dump PDF VCE
210-260 Dump PDF VCE	500-258 Dump PDF VCE	646-580 Dump PDF VCE	700-281 Dump PDF VCE
210-451 Dump PDF VCE	500-260 Dump PDF VCE	646-671 Dump PDF VCE	700-295 Dump PDF VCE
210-455 Dump PDF VCE	500-265 Dump PDF VCE	646-985 Dump PDF VCE	700-501 Dump PDF VCE
300-070 Dump PDF VCE	500-275 Dump PDF VCE	648-232 Dump PDF VCE	700-505 Dump PDF VCE
300-075 Dump PDF VCE	500-280 Dump PDF VCE	648-238 Dump PDF VCE	700-601 Dump PDF VCE
300-080 Dump PDF VCE	500-285 Dump PDF VCE	648-244 Dump PDF VCE	700-602 Dump PDF VCE
300-085 Dump PDF VCE	500-290 Dump PDF VCE	648-247 Dump PDF VCE	700-603 Dump PDF VCE
300-101 Dump PDF VCE	500-801 Dump PDF VCE	648-375 Dump PDF VCE	700-701 Dump PDF VCE
300-115 Dump PDF VCE	600-199 Dump PDF VCE	648-385 Dump PDF VCE	700-702 Dump PDF VCE
300-135 Dump PDF VCE	600-210 Dump PDF VCE	650-032 Dump PDF VCE	700-703 Dump PDF VCE
300-160 Dump PDF VCE	600-211 Dump PDF VCE	650-042 Dump PDF VCE	700-801 Dump PDF VCE
300-165 Dump PDF VCE	600-212 Dump PDF VCE	650-059 Dump PDF VCE	700-802 Dump PDF VCE
300-180 Dump PDF VCE	600-455 Dump PDF VCE	650-082 Dump PDF VCE	700-803 Dump PDF VCE
300-206 Dump PDF VCE	600-460 Dump PDF VCE	650-127 Dump PDF VCE	810-403 Dump PDF VCE
300-207 Dump PDF VCE	600-501 Dump PDF VCE	650-128 Dump PDF VCE	820-424 Dump PDF VCE
300-208 Dump PDF VCE	600-502 Dump PDF VCE	650-148 Dump PDF VCE	840-425 Dump PDF VCE
300-209 Dump PDF VCE	600-503 Dump PDF VCE	650-159 Dump PDF VCE	
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300-360 Dump PDF VCE	640-875 Dump PDF VCE	650-472 Dump PDF VCE	
300-365 Dump PDF VCE	640-878 Dump PDF VCE	650-474 Dump PDF VCE	
300-370 Dump PDF VCE	640-911 Dump PDF VCE	650-575 Dump PDF VCE	
300-375 Dump PDF VCE	640-916 Dump PDF VCE	650-621 Dump PDF VCE	
300-465 Dump PDF VCE	642-035 Dump PDF VCE	650-663 Dump PDF VCE	
300-470 Dump PDF VCE	642-732 Dump PDF VCE	650-665 Dump PDF VCE	
300-475 Dump PDF VCE	642-747 Dump PDF VCE	650-754 Dump PDF VCE	

HOT EXAMS

Cisco	Microsoft	CompTIA
100-105 Dumps VCE PDF	70-410 Dumps VCE PDF	220-901 Dumps VCE PDF
200-105 Dumps VCE PDF	70-411 Dumps VCE PDF	220-902 Dumps VCE PDF
300-101 Dumps VCE PDF	70-412 Dumps VCE PDF	N10-006 Dumps VCE PDF
300-115 Dumps VCE PDF	70-413 Dumps VCE PDF	SY0-401 Dumps VCE PDF
300-135 Dumps VCE PDF	70-414 Dumps VCE PDF	
300-320 Dumps VCE PDF	70-417 Dumps VCE PDF	
400-101 Dumps VCE PDF	70-461 Dumps VCE PDF	
640-911 Dumps VCE PDF	70-462 Dumps VCE PDF	
640-916 Dumps VCE PDF	70-463 Dumps VCE PDF	
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