Prüfungsnummer:MD-101

Prüfungsname: Managing Modern Desktops

Version:demo in Englisch

Der Link für die Demo auf MD-101-deutsch:

https://pdf.it-pruefungen.de/MD-101-deutsch.pdf

https://www.it-pruefungen.de/MD-101-deutsch.htm

Testlet 1

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General Overview

Litware, Inc. is an international manufacturing company that has 3,000 employees. The company has sales, marketing, research, human resources (HR), development, and IT departments.

Litware has two main offices in New York and Los Angeles. Litware has five branch offices in Asia.

Existing Environment

Current Business Model
The Los Angeles office has 500 developers. The developers work flexible hours ranging from 11 AM to 10 PM.

Litware has a Microsoft System Center 2012 R2 Configuration Manager deployment.

During discovery, the company discovers a process where users are emailing bank account information of its customers to internal and external recipients.

Current Environment

The network contains an Active Directory domain that is synced to Microsoft Azure Active Directory (Azure AD). The functional level of the forest and the domain is Windows Server 2012 R2. All domain controllers run Windows Server 2012 R2.

Litware has the computers shown in the following table.

Department	Windows version	Management platform	Domain-joined
Marketing	8.1	Configuration Manager	Hybrid Azure AD-joined
Research	10	Configuration Manager	Hybrid Azure AD-joined
HR	8.1	Configuration Manager	Hybrid Azure AD-joined
Developers	10	Microsoft Intune	Azure AD-joined
Sales	10	Microsoft Intune	Azure AD-joined

The development department uses projects in Azure DevOps to build applications.

Most of the employees in the sales department are contractors. Each contractor is assigned a computer that runs Windows 10. At the end of each contract, the computer is assigned to a different contractor. Currently, the computers are re-provisioned manually by the IT department.

Problem Statements
Litware identifies the following issues on the network:

Employees in the Los Angeles office report slow Internet performance when updates are downloading. The employees also report that the updates frequently consume considerable resources when they are installed. The Update settings are configured as shown in the Updates exhibit. (Click the Updates button.) Management suspects that the source code for the proprietary applications in Azure DevOps in being shared externally.
Re-provisioning the sales department computers is too time consuming.

Requirements

Business Goals
Litware plans to transition to co-management for all the company-owned Windows 10 computers.

Whenever possible, Litware wants to minimize hardware and software costs.

Device Management Requirements
Litware identifies the following device management requirements:

Prevent the sales department employees from forwarding email that contains bank account information.

Ensure that Microsoft Edge Favorites are accessible from all computers to which the developers sign in.

Prevent employees in the research department from copying patented information from trusted applications to untrusted applications.

Technical Requirements
Litware identifies the following technical requirements for the planned deployment:

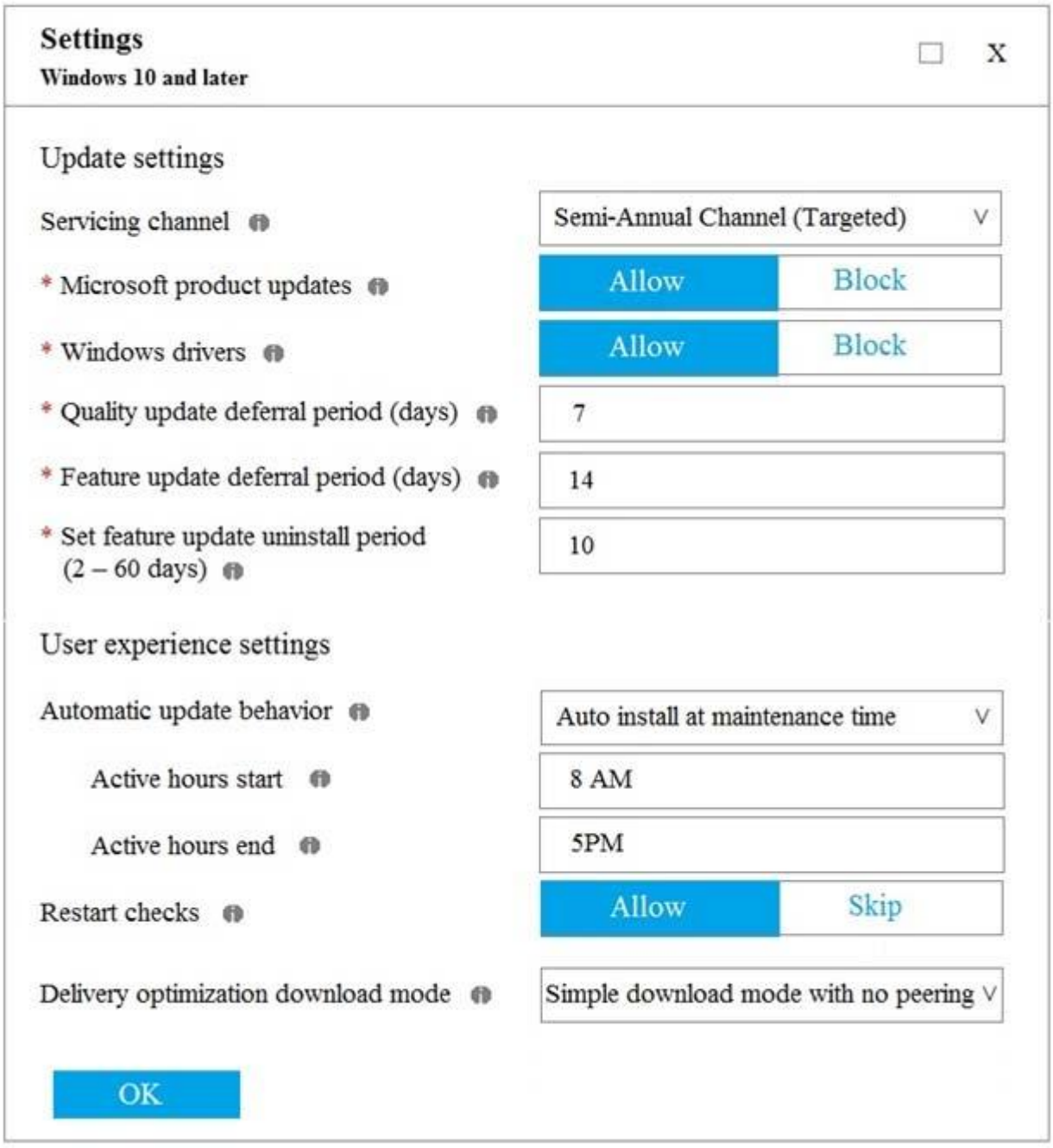
Re-provision the sales department computers by using Windows AutoPilot.

Ensure that the projects in Azure DevOps can be accessed from the corporate network only.

Ensure that users can sign in to the Azure AD-joined computers by using a PIN. The PIN must expire every 30 days.
Ensure that the company name and logo appears during the Out of Box Experience (OOBE) when using Windows AutoPilot.

Exhibits

Updates



Q1
You need to capture the required information for the sales department computers to meet the technical requirements.

Which Windows PowerShell command should you run first?

A. Install-Module WindowsAutoPilotIntune
B. Install-Script Get-WindowsAutoPilotInfo
C. Import-AutoPilotCSV

D. Get-WindowsAutoPilotInfo

Answer: A

References:
https://docs.microsoft.com/en-us/windows/deployment/windows-autopilot/existing-devices

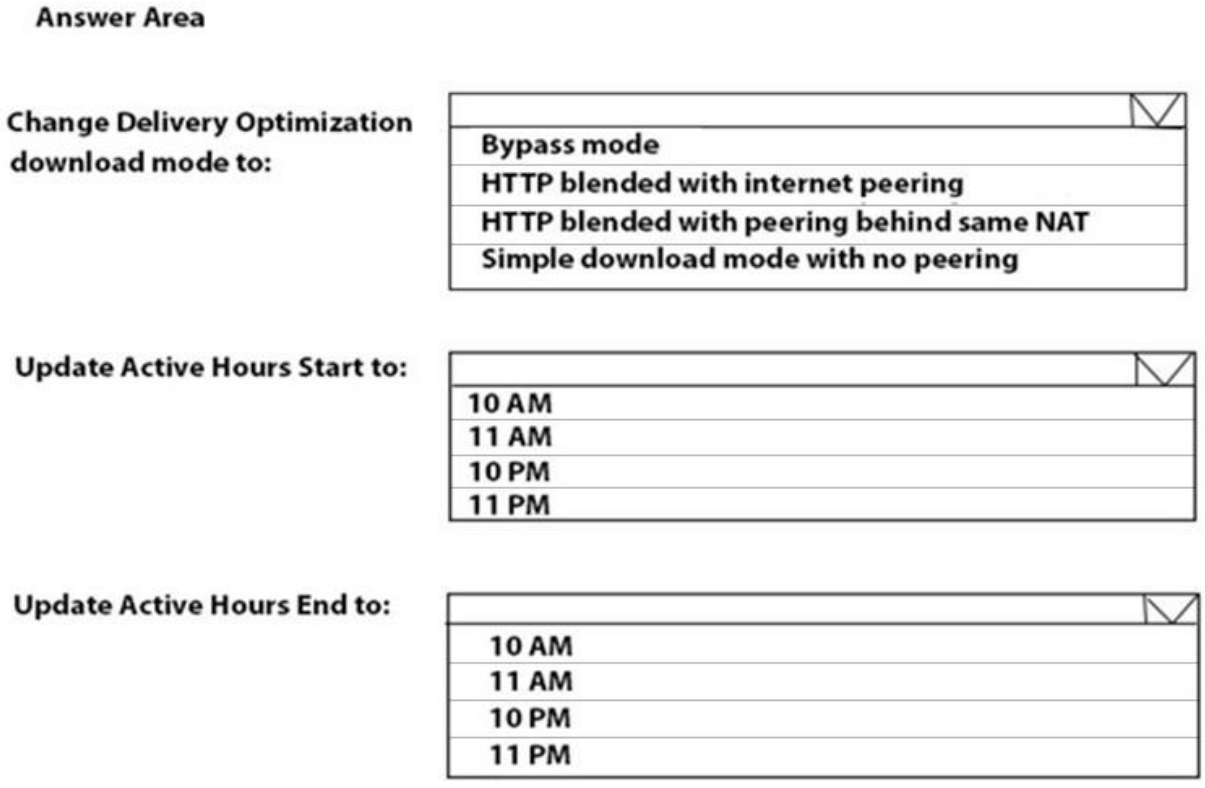
Q2
HOTSPOT

You need to resolve the performance issues in the Los Angeles office.

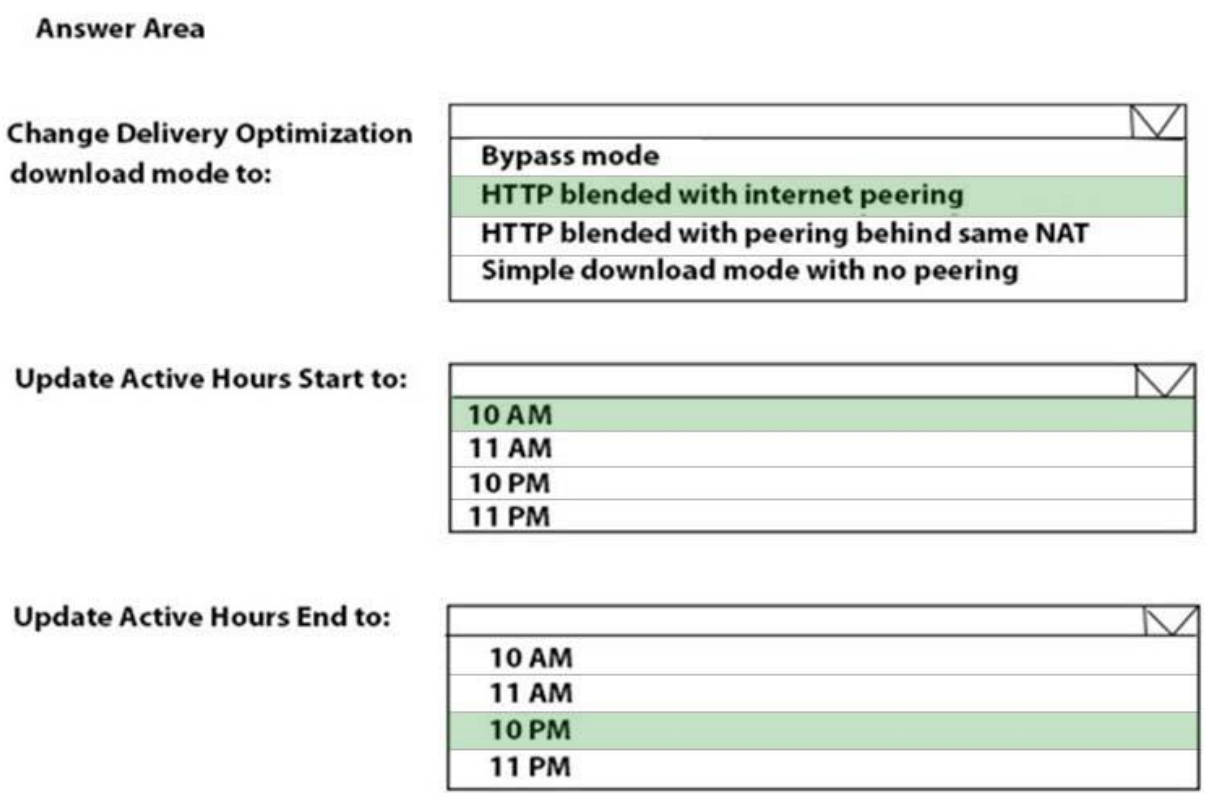
How should you configure the update settings? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Answer:



Note: The default maximum difference from start time has been increased to 18 hours in Windows 10, version 1703. It was previously 12 hours.

Reference:
https://docs.microsoft.com/en-us/windows/deployment/update/waas-delivery-optimization
https://2pintsoftware.com/delivery-optimization-dl-mode/

https://docs.microsoft.com/en-us/windows/client-management/mdm/policy-csp-update#update-activehoursend

Q3

What should you configure to meet the technical requirements for the Azure AD-joined computers?

A. Windows Hello for Business from the Microsoft Intune blade in the Azure portal.
B. The Accounts options in an endpoint protection profile.
C. The Password Policy settings in a Group Policy object (GPO).
D. A password policy from the Microsoft Office 365 portal.

Answer: A

References:
https://docs.microsoft.com/en-us/windows/security/identity-protection/hello-for-business/hello-manage-in- organization

Q4
HOTSPOT

You need to meet the OOBE requirements for Windows AutoPilot.

Which two settings should you configure from the Azure Active Directory blade? To answer, select the appropriate settings in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Overview

Getting started

Manage

Users
Groups
Organizational relationships
Roles and administrators
Enterprise applications
Devices
App registrations
App registrations (Preview)
Application proxy
Licenses
Azure AD Connect
Custom domain names
Mobility (MDM and MAM)
Password reset
Company branding
User settings
Properties
Notifications settings

Answer:

From the scenario:
Ensure that the company name and logo appears during the Out of Box Experience (OOBE) when using Windows AutoPilot.

Reference:
https://blogs.technet.microsoft.com/mniehaus/2017/12/22/windows-autopilot-azure-ad-branding/

Q5
HOTSPOT

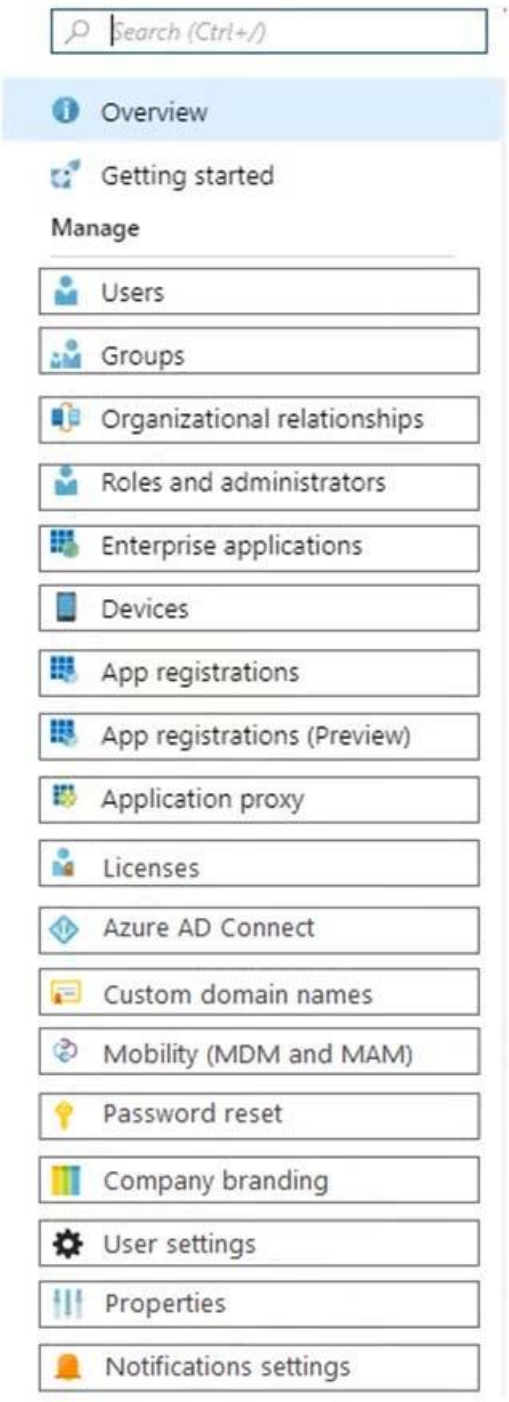
You need to meet the technical requirements for Windows AutoPilot.

Which two settings should you configure from the Azure Active Directory blade? To answer, select the appropriate settings in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area



Answer:

Answer Area

Reference:
https://docs.microsoft.com/en-us/windows/deployment/windows-autopilot/windows-autopilot-reset

https://docs.microsoft.com/en-za/azure/active-directory/fundamentals/customize-branding#add-company- branding-to-your-directory

Deploy and Update Operating Systems

Testlet 2

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Overview
Contoso, Ltd, is a consulting company that has a main office in Montreal and two branch offices in Seattle and New York.

Contoso has the users and computers shown in the following table.

Location	Users	Laptops	Desktop computers	Mobile devices
Montreal	2,500	2,800	300	3,100
Seattle	1,000	1,100	200	1,500
New York	300	320	30	400

The company has IT, human resources (HR), legal (LEG), marketing (MKG) and finance (FIN) departments.

Contoso uses Microsoft Store for Business and recently purchased a Microsoft 365 subscription.

The company is opening a new branch office in Phoenix. Most of the users in the Phoenix office will work from home.

Existing Environment
The network contains an Active Directory domain named contoso.com that is synced to Microsoft Azure Active Directory (Azure AD).

All member servers run Windows Server 2016. All laptops and desktop computers run Windows 10 Enterprise.

The computers are managed by using Microsoft System Center Configuration Manager. The mobile devices are managed by using Microsoft Intune.

The naming convention for the computers is the department acronym, followed by a hyphen, and then four numbers, for example, FIN-6785. All the computers are joined to the on-premises Active Directory domain.

Each department has an organizational unit (OU) that contains a child OU named Computers. Each computer account is in the Computers OU of its respective department.

Intune Configuration

The domain has the users shown in the following table.

Name	Role	Member of
User1	Intune administrator	GroupA
User2	*None*	GroupB

User2 is a device enrollment manager (DEM) in Intune.
The devices enrolled in Intune are shown in the following table.

Name	Platform	Encryption	Member of
Device1	Android	Disabled	Group1
Device2	iOS	Not applicable	Group2, Group3
Device3	Android	Disabled	Group2, Group3
Device4	iOS	Not applicable	Group2

The device compliance policies in Intune are configured as shown in the following table.

Name	Platform	Require encryption	Assigned
Policy1	Android	Not configured	Yes
Policy2	iOS	Not applicable	Yes
Policy3	Android	Require	Yes

The device compliance policies have the assignments shown in the following table:

Name	Include	Exclude
Policy1	Group3	*None*
Policy2	Group2	Group3
Policy3	Group1	*None*

The device limit restrictions in Intune are configured as shown in the following table.

Priority	Name	Device limit	Assigned to
1	Restriction1	15	GroupB
2	Restriction2	10	GroupA
Default	All users	5	All users

Requirements

Planned Changes
Contoso plans to implement the following changes:

Provide new computers to the Phoenix office users. The new computers have Windows 10 Pro preinstalled and were purchased already.
Start using a free Microsoft Store for Business app named App1.

Implement co-management for the computers.

Technical Requirements:
Contoso must meet the following technical requirements:

Ensure that the users in a group named Group4 can only access Microsoft Exchange Online from devices that are enrolled in Intune.
Deploy Windows 10 Enterprise to the computers of the Phoenix office users by using Windows Autopilot.

Monitor the computers in the LEG department by using Windows Analytics.

Create a provisioning package for new computers in the HR department.

Block iOS devices from sending diagnostic and usage telemetry data.

Use the principle of least privilege whenever possible.

Enable the users in the MKG department to use App1.

Pilot co-management for the IT department.

Q6
HOTSPOT

You need to meet the technical requirements for the new HR department computers.

How should you configure the provisioning package? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Specify ComputerName as:

- "HR"+ RAND(4)
- "HumanResources-"+ RAND(????)
- HR-%RAND:4%
- HR-????
- HumanResources-%RAND:4%

Specify AccountOU as:

- CN=Computers, CN=HR, DC=Contoso, DC=com
- Computers/HumanResources/Contoso.com
- Contoso.com/HR/Computers
- OU=Computers, OU=HR, DC=Contoso, DC=com

Answer:

Answer Area

Specify ComputerName as:

- "HR"+ RAND(4)
- "HumanResources-"+ RAND(????)
- **HR-%RAND:4%**
- HR-????
- HumanResources-%RAND:4%

Specify AccountOU as:

- CN=Computers, CN=HR, DC=Contoso, DC=com
- Computers/HumanResources/Contoso.com
- Contoso.com/HR/Computers
- **OU=Computers, OU=HR, DC=Contoso, DC=com**

Reference:
https://docs.microsoft.com/en-us/windows/configuration/wcd/wcd-accounts

Q7
You need to prepare for the deployment of the Phoenix office computers.

What should you do first?

A. Extract the hardware ID information of each computer to a CSV file and upload the file from the Devices settings in Microsoft Store for Business.
B. Generalize the computers and configure the Device settings from the Azure Active Directory blade in the Azure portal.
C. Extract the serial number information of each computer to a CSV file and upload the file from the Microsoft Intune blade in the Azure portal.
D. Extract the hardware ID information of each computer to an XML file and upload the file from the Devices settings in Microsoft Store for Business.

Answer: A

References:
https://docs.microsoft.com/en-us/microsoft-store/add-profile-to-devices#manage-autopilot-deployment-profiles
Deploy and Update Operating Systems

Question Set 3

Q8
You manage 1,000 computers that run Windows 10. All the computers are enrolled in Microsoft Intune. You manage the servicing channel settings of the computers by using Intune.

You need to review the servicing status of a computer.

What should you do?

A. From Device configuration - Profiles, view the device status.
B. From Device compliance, view the device compliance.
C. From Software updates, view the audit logs.
D. From Software updates, view the Per update ring deployment state.

Answer: D

References:

https://docs.microsoft.com/en-us/intune/windows-update-compliance-reports

Q9
Your company uses Windows Autopilot to configure the computer settings of computers issued to users.

A user named User1 has a computer named Computer1 that runs Windows 10. User1 leaves the company.

You plan to transfer the computer to a user named User2.

You need to ensure that when User2 first starts the computer, User2 is prompted to select the language setting and to agree to the license agreement.

Solution: You perform a remote Windows AutoPilot Reset.

Does this meet the goal?

A. Yes
B. No

Answer: B

Reference:
https://docs.microsoft.com/en-us/windows/deployment/windows-autopilot/windows-autopilot-reset-remote

Q10
Your company uses Windows Autopilot to configure the computer settings of computers issued to users.

A user named User1 has a computer named Computer1 that runs Windows 10. User1 leaves the company.

You plan to transfer the computer to a user named User2.

You need to ensure that when User2 first starts the computer, User2 is prompted to select the language setting and to agree to the license agreement.

Solution: You create a new Windows AutoPilot user-driven deployment profile.

Does this meet the goal?

A. Yes
B. No

Answer: A

Reference:
https://docs.microsoft.com/en-us/windows/deployment/windows-autopilot/user-driven