

Windows Installer for Administrators Certified Repackaging Specialist Practice Questions

- 1) **Automating an ISV's (independent software vendor) .MSI package using Windows Installer has which benefits? (Choose all that apply)**
 - a) The ISV's original .MSI package can be used during deployment while still applying required customizations.
 - b) The installation can be completely automated, even if the ISV did not take special steps to enable automation.
 - c) The software package is automatically inventoried in a central server database.
 - d) The ISV's original .MSI package can be made completely silent.
 - e) Verbose logging can be turned on for ISV's original .MSI packages.
 - f) ISV's original .MSI packages are automatically compliant with Microsoft logo program requirements.

- 2) **What versions of Windows can Windows Installer packages be installed on? (Choose all that apply)**
 - a) Windows 3.1
 - b) Windows 9x
 - c) Windows NT 4
 - d) Windows 2000
 - e) Windows XP

- 3) **Which statements about features and components are true? (Choose Three)**
 - a) Features can be arranged in a hierarchy
 - b) Components can contain other Components.
 - c) Features can contain Components.
 - d) Components can contain Features.
 - e) Features can contain Features.
 - f) Components can be arranged in a hierarchy

- 4) **Which of the following file extensions may be utilized or generated during Windows Installer packaging? (Choose All that Apply)**
 - a) .MST
 - b) .MSF
 - c) .MSI
 - d) .MMC
 - e) .PCP
 - f) .CUB

- 5) **Which statements describe Windows Installer "Conditions"? (Choose all that apply)**
 - a) Conditions cause Windows Installer to branch to a new sequence if they are true.
 - b) Conditions can control whether components are installed.
 - c) Conditions can use properties and environment variables in their comparisons.
 - d) Conditions can control whether the entire package installs.
 - e) Conditions can not control whether actions are run.

- 6) **Actions are executed in the order specified by:**
 - a) Main Routine
 - b) Sequences
 - c) Features
 - d) Components
 - e) msixexec.exe

- 7) **The DisableMSI policy has these possible settings:**
 - a) 0 (default) - always disabled.
 - b) 1 (default) - always enabled.
 - c) 0 (default) - always enabled.
 - d) 1 - always disabled.
 - e) 2 - always disabled.

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- f) 1 - For non-managed packages.
- 8) **You wish to prevent users from abusing the AlwaysInstallElevated policy to gain administrative rights. You set the policy AlwaysInstallElevated to 0 for the computer. A non-admin user was able to configure the AlwaysInstallElevated user policy to 1. What will happen if this user attempts to install a package to abuse administrative rights?**
- a) They user will be allowed administrative rights because they were able to set the registry key.
 - b) They user will not be allowed administrative rights because both the computer and user policy must be set for administrative rights to be obtained.
 - c) The user will not be allowed administrative rights because Windows Installer tracks whether an administrator or non-administrator logon id changed the policy setting.
 - d) The user will not be allowed administrative rights because the policy that controls administrative rights is AlwaysInstallAdmin.
- 9) **If the DisableMSI policy is set to "non-managed packages", which of the following deployment methods would allow the application to be installed on the computer. (Choose Three)**
- a) Packages sent through any distribution system (e.g. Tivoli, CA-Unicenter)
 - b) Packages sent through Windows 2000 Group Policy.
 - c) Packages advertised to the computer by a user with local administrative privileges and then started by a normal user.
 - d) Packages installed by a Power User
 - e) Packages installed by on the computer by a user with local administrative privileges.
- 10) **What items should not be repackaged?**
- a) 32-bit Application Software
 - b) Service Packs
 - c) Internet Explorer
 - d) Adobe Acrobat Reader
 - e) Device Drivers
- 11) **What categories does Windows Installer use to classify updates? (Choose Three)**
- a) Minor Upgrade
 - b) Minor Update
 - c) Major Upgrade
 - d) Small Upgrade
 - e) Small Update
 - f) Patch Update
- 12) **When can a transform be applied to a package installation?**
- a) Immediately after the MSI package has been installed.
 - b) During the installation of an MSI package.
 - c) Anytime after the MSI package has been installed.
 - d) Transforms should be applied before the MSI package.
- 13) **Which command line installs the package "abc.msi" with the transform "custom.mst"?**
- a) `msiexec /a abc.msi /t custom.mst`
 - b) `msiexec /i abc.msi /t custom.mst`
 - c) `msiexec /jm abc.msi /t custom.mst`
 - d) `msiexec /i abc.msi TRANSFORMS=custom.mst`
 - e) `msiexec /jm abc.msi TRANSFORMS=custom.mst`
- 14) **Which behaviors of Windows Installer require careful planning for package file network locations?**
- a) Software applications installed by Windows Installer must be able to locate the package file to read store the application registry keys.
 - b) Software applications installed by Windows Installer must be able to locate the original package file because they may be self-healed at any time.

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- c) Software applications installed by Windows Installer can be advertised and must be able to find the original package file when the user first attempts to use them.
 - d) Software applications installed by Windows Installer must be able to locate the original package file for Windows Installer to store application metering usage data.
 - e) Software applications installed by Windows Installer trigger a scan of all original packages for updates to applications.
- 15) Which command line will ensure that the features Templates and Database will ALWAYS be installed on the local computer? (choose 2)
- a) `msiexec.exe /i abc.msi ADDLOCAL="Templates, Database"`
 - b) `msiexec.exe /i abc.msi ADDLOCAL=ALL /QN`
 - c) `msiexec.exe /i abc.msi ADDLOCAL="Templates, Database" FEATUREREQUIRED="Templates, Database"`
 - d) `msiexec.exe /a abc.msi ADMINPROPERTIES="ADDLOCAL=Templates,Database"`
 - e) `msiexec.exe /i abc.msi ADDLOCAL="Templates, Database" /QN`
 - f) `msiexec.exe /i abc.msi ADDSOURCE="Templates, Database" /QN`
- 16) Windows Installer has defined property types, they are: (Choose all that apply)
- a) Restricted Public
 - b) Private
 - c) Restricted Private
 - d) Public
 - e) Reserved Public
 - f) Administrative
- 17) You wish to prevent users from removing a software package using Add/Remove Programs in Control Panel. Which properties will help you accomplish this? (Choose two)
- a) ARPPERMANENT
 - b) NOREMOVE
 - c) ARPSYSTEMCOMPONENT
 - d) ALLUSERS
 - e) ARPNOREMOVE
 - f) ARPCACHE
- 18) You are configuring a Windows Installer packaged application to allow users to run it from the network. What should you do to prepare the MSI package for this scenario?
- a) Copy it to the network.
 - b) Compile the package in "application serving" mode.
 - c) Apply a transform to the package with the server name in the REFERENCESERVER property.
 - d) Create an administrative installation using the MSI package.
 - e) Windows Installer does not specifically support running packages from the network.
- 19) What Windows Installer SDK tools help to validate that a Windows Installer package is compliant with Windows 2000 Logo Certification? (Choose Two)
- a) `msival2.exe`
 - b) `msiinfo.exe`
 - c) `orca.exe`
 - d) `msimig.exe`
 - e) `validate.exe`
 - f) `msicert.exe`
- 20) Which of the following references are included in the Windows Installer 2.0 SDK documentation? (Choose all that apply)
- a) Windows Installer Error Messages
 - b) Reference Information for Standard Actions
 - c) Reference Information for Default Properties

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- d) Detailed tutorials for building packages with Orca
- e) Review of each MSI API script code sample
- f) Information on what is new for each Windows Installer release

21) The SDK contains sample code in which of the following script languages?

- a) JScript
- b) PerlScript
- c) Perl
- d) VBScript
- e) ASP
- f) BAT

22) Which of the following items can be called as a custom action?

- a) A DLL
- b) An EXE
- c) Batch Script (.BAT)
- d) JScript
- e) VBScript
- f) PerlScript

23) In which Windows NT/2000/XP Event Log does Windows Installer log information?

- a) System Event Log
- b) Security Event Log
- c) Application Event Log
- d) Windows Installer Event Log
- e) Windows Installer does not log to the event log

24) How does Windows Installer allow a package to read an INI file setting?

- a) Using the ReadINI custom action.
- b) Using Rundll32.exe and the ReadProfileString entry point of msi.dll.
- c) An entry in the INIFinder table.
- d) An entry in the INISettings table.
- e) An entry in the INILocator table.
- f) Windows Installer does not provide a method to read INI files.

25) Which new Windows features does Windows interact and coordinate with? (Choose all that apply)

- a) Windows File Protection.
- b) Application Isolation.
- c) System Recovery Console.
- d) Application Compatibility Subsystem.
- e) File System Recovery.
- f) System Restore.

Answers:

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|------------|-----------|-----------|-----------------|-------------|
| 1) a,b,d,e | 6) b | 11) a,c,e | 16) a,b,d | 21) d |
| 2) b,c,d,e | 7) c,e,f | 12) b | 17) c,e | 22) a,b,d,e |
| 3) a,c,e | 8) b | 13) d | 18) d | 23) c |
| 4) a,c,e,f | 9) b,c,e | 14) b,c | 19) a,c | 24) e |
| 5) b,c,d | 10) b,c,e | 15) b,e | 20) a,b,c,d,e,f | 25) a,b,d,f |