70-697: Configuring Windows Devices
Course 1 – What’s New in Windows 10

WORKBOOK
Course 1 – What’s New in Windows 10

- The Windows 10 Difference
- Primary Feature Overview
- Navigating and Using Windows 10
Windows 10 is not like its predecessors in many ways

- Not only a new revision of the operating system
- Created to span a wide range of devices
- The final evolution of the Start Experience
- The culmination of the good features of Windows 8, 8.1, and Windows 7
- A new updates model
- Quite possibly the last major Windows release that we will see
The new updates model is a concept of continuous improvement
- New features are delivered through Windows update as opposed to being set aside until the next major release
  - Fast Ring
  - Slow Ring
  - Current Branch

A heavy reliance and integration with cloud based services
- Azure Active Directory
- Office 365
- Windows InTune
- OneDrive
There are countless features and changes in Windows 10

- The Start menu returns!
- User experience changes
  - Virtual desktops
  - Task switching and taskbar enhancements
  - Tablet mode and Desktop mode
  - Snap assist
- New Windows store
  - Universal apps
- Microsoft Edge browser
- Consolidated settings
- Sign in improvements with Windows Hello
Windows 10 Features will vary based on version
- Windows 10 (Home version)
- Windows 10 Pro
- Windows 10 Enterprise
- Windows 10 Education

Education and Enterprise will support the full array of features
Windows 10 Home version does not support
- Domain Join
- Group Policy Management
- BitLocker
- Assigned Access
- Remote Desktop
- Client Hyper-V
- AppLocker
- BranchCache
- DirectAccess
- Enterprise Data Protection
- Credential and Device Guard

This course will focus on Windows 10 in business environments primarily.
New and Enhanced Features in Pro and Enterprise
- Windows To Go Creator (Enterprise)
- Direct Access (Enterprise)
- AppLocker (Enterprise)
- BranchCache (Enterprise)
- Ability to join Azure AD
- Windows Store for Organizations
- Enterprise Data Protection
- Granular UX Control
- Windows Updates and enhancements for Businesses and Devices
The primary navigation difference in Windows 10 is the addition of a modified Start Menu incorporating the Windows 7 menu and the Windows 8 and 8.1 Start screen tiles

- Pinned programs
- Live tiles
  - Customizable
  - Groups
- Built in search
- Access to default programs
In addition to the Start menu there are changes related to the desktop in Windows 10

- Snap features enhanced
- Tablet mode
- Task view
  - Includes the ability to create multiple virtual desktops
- Pinned items to Start menu and taskbar
- Enhanced Notifications area
One of the significant features of Windows 10 is Cortana adding a personal assistant to Windows

- Combines local and web searches
- Understands spoken commands
- Intelligence to convert commands into tasks and appointments
- Carry over from Windows phone that is constantly getting better!
The Settings App debuted in Windows 8 and was enhanced in Windows 8.1 receiving even further enhancements in Windows 10

Accessible from the Start menu

- Primary location for basic settings largely replacing Control Panel for the novice to intermediate user
  - System
  - Devices
  - Network and Internet
  - Personalization
  - Accounts
  - Update and Security
## Summary

- The Windows 10 Difference
- Primary Feature Overview
- Navigating and Using Windows 10
Questions and Answers
Review Questions:

1. Which of the following new features of Windows 10 allows for the advanced use of biometrics equipment to facilitate authentication?
   A. Windows Device Guard
   B. Task View
   C. Virtual Desktops
   D. Windows Hello

2. Which of the following cloud based services is used with Windows 10 in order to provide mobile device management including application deployment?
   A. Azure Active Directory
   B. Office 365
   C. OneDrive
   D. InTune

3. Which of the following settings has been completely moved to the new Settings app and out of Control Panel in Windows 10?
   A. Display
   B. Recovery of files
   C. Windows Store
   D. Windows Update

4. Which Windows 10 feature is brand new and provides the ability to run multiple applications simultaneously that are isolated from one another?
   A. Task View
   B. Virtual Desktops
   C. Client Hyper-V
   D. Tablet mode

5. Which of the following features in Windows 10 provides enhanced search functionality and a personal digital assistant?
   A. Siri
   B. Cortana
   C. Indexing
   D. Libraries
6. Which Windows 10 feature for IT professionals provides the protection of system integrity and start up files and is reliant on systems containing UEFI firmware?
   A. Microsoft Passport
   B. Windows Hello
   C. Enterprise Data Protection
   D. Trusted Boot

7. Which of the following is a new feature found in apps purchased or downloaded through the Windows Store in Windows 10?
   A. Resizable apps
   B. Accessible with a Microsoft account
   C. Built in search
   D. Accessible via the start menu

8. Which of the following options in the Windows 10 Start Menu provides the ability to quickly access system configuration options?
   A. Control Panel
   B. Network and Sharing Center
   C. Settings app
   D. Built in search

9. Which of the following is the most accurate description of the new and enhanced snap features in Windows 10?
   A. The snap feature provides the ability to view 2 or 4 apps side by side
   B. The snap feature provides access to multiple virtual desktops
   C. The snap feature is enhanced by providing the ability to view 2 apps side by side
   D. The snap feature provides access to the new task view

10. Which technology is used with apps and Microsoft Edge to provide enhanced security against malware sites on the Internet?
    A. Windows Hello
    B. Windows Smart Screen
    C. Client Hyper-V
    D. Pervasive Device Encryption
Answer Key:

1. D  
   Windows Hello uses fingerprint scanners, retina scanners, facial recognition and other devices for advanced authentication.

2. D  
   Windows InTune is used in order to provide mobile device management and cloud based app deployment for devices running Windows 10 both inside and outside the domain.

3. D  
   The Windows update feature is no longer visible in Control Panel and is entirely configured using the enhanced Settings app in Windows 10.

4. B  
   The virtual desktops feature in Windows 10 provides the ability to run multiple virtual desktops that contain applications that are isolated from one another.

5. B  
   Cortana is the feature built in to Windows 10 that provides advanced search functionality and a personal digital assistant.

6. D  
   The trusted boot feature that was introduced originally in Windows 10 protects the startup process and system integrity requiring UEFI firmware as opposed to the traditional BIOS firmware.

7. A  
   Windows Store apps in Windows 10 are resizable and run alongside other desktop applications.

8. C  
   The Settings app is available on the new Windows 10 Start Menu and many configuration options are moving into this app and away from Control Panel.

9. A  
   The snap feature is enhanced to not only provide side by side viewing of 2 applications but also the separation of apps into 4 quadrants on the screen.
10.B
The Windows Smart Screen technology provides access to an online database of known malware and phishing sites enhancing security in Windows 10 when browsing with Microsoft Edge.