

Index

■ A

Accounts

- local, 109, 134–135
- Microsoft, 27–29, 47–48, 109, 134–135
- switch among accounts, 118

Advanced Group Policy Management (AGPM), 37

Application Virtualization (App-V), 37

Architecture

- BIOS, 6–7
- UEFI, 7

Assessment and Deployment Toolkit (ADK), 35–37, 68, 83–84

■ B

Bios, 6–9, 23, 74–75, 80, 96

BitLocker

- allow without a TPM, 76
- configure use of passwords, 76–77
- enable, 2, 20, 23, 75–76, 95–96
- encryption, 4, 20–21, 76–78, 97
- Group Policies, 20, 23, 70
- manage recovery keys, 89
- TPMs, 95–97
- troubleshooting, 19–21

BitLocker drive encryption, 4, 20–21, 76–78, 97

Boot process

- hardware, 6
- process, 74

- troubleshooting, 22–24

Boot to Windows to Go drive, 74

■ C

Cloud drive, 34, 96

Cortana

- configure settings, 117
- enable, 116–117
- use, 114–116

■ D

Deployment

- considerations, 68–81
- options, 74–75
- using PowerShell, 67, 79, 88

Desktop experience, 33, 68

Device Drivers

- considerations in a Windows image, 68–69
- driver store, 69–70

Diagnostics and Recovery Toolkit (DaRT), 37

DirectAccess, 12, 26, 31, 34–35, 52, 71, 80, 89, 101–102, 134

- requirements, 101

Disk management console

- mount a drive, 99–100
- opening, 99–100
- remove a drive letter, 100

Domain join

- using djoin.exe, 102

■ **E**

Enterprise, 1–3, 11, 13–14, 19–20, 24, 29, 33–53, 55, 58–61, 63, 65, 67–68, 70–71, 73, 75, 80–81, 83, 86–87, 89–93, 95, 97, 101–103, 107, 124, 128, 135

■ **F**

File and storage options
data deduplication, 92
iSCSI target server, 93
Microsoft Azure, 90–91
storage spaces, 93
work folders, 91–92
File Explorer, 100, 135–137
Firmware, 6–7, 22, 24, 74–75
Folder redirection Group Policy, 49

■ **G**

Group policy
allow hibernate, 74
allow store applications to install on windows to go workspaces, 72
for bitlocker, 20, 23, 70
disallow standby states, 74
GPupdate/force command, 72
for startup, 24

■ **H, I, J, K, L**

Hibernation, 3–5, 32, 74
Host PC, 1, 4–7, 22, 25

■ **M**

Microsoft account, 27–29, 47, 48, 109, 134–135
Microsoft Azure
Azure Active Directory, 90
encryption, 90
Microsoft antimalware, 90
secure networks, 90
try for free, 91
virtual networks, 90
Microsoft BitLocker Administration and Monitoring (MBAM), 37
Microsoft Deployment Toolkit 2013, 37
Microsoft Desktop Optimization Pack (MDOP), 37

Microsoft edge, 109, 117–118, 120
Microsoft store
accessing, 114
install an app, 114

■ **N**

Network and sharing center, 104–105, 129, 131–134
Networks
connect to a network, 129
forget a network, 130–131
manage Wi-Fi networks, 130–132
troubleshooting, 133–134

■ **O**

Office 365, 47–48, 58–60, 124
Offline files
enable, 43–46, 51–52
manage, 45–46
sync conflicts, 46
OneDrive
signing in, 26–28, 48
using, 48, 89

■ **P, Q**

PowerShell
deploy Windows to Go drives, 79–81
locate premade scripts, 79–80
run scripts, 80

■ **R**

Remote Desktop, 35, 94
Removable data drive, 20–21

■ **S**

Security
accessing the host's drives, 98–100
using disk management, 99–100
Settings
accounts, 124–125
devices, 121–122
ease of access, 126
network and internet, 122–123
personalization, 123–124
privacy, 126–128
system, 120–121

- time and language, 125
- update and security, 128–129
- Sleep, 4–5, 32, 74
- Small business, 26, 33–53, 55, 57–59
- Software assurance
 - technical training, 62–63
 - Windows version rights, 61–62
- Start menu
 - move app tiles, 111–112
 - pin apps to the start menu, 110
 - remove apps, 110
 - uninstall apps, 110, 122
- Storage spaces, 93–94
- Store. *See* Microsoft Store
- Sync Center, 43, 46
- Sysprep.exe, 83–84
- System center
 - provisioning process, 75
 - using for provisioning, 86
- System Center Configuration Manager, 37, 87–88

■ **T**

- Taskbar settings, 129–130

■ **U**

- Unified remote management, 94
- USB drive, 1–6, 9, 11–15, 17–19, 22, 24, 29, 31, 33, 39, 40, 47, 68–69, 75–76, 80, 98
 - requirements for Windows to Go, 6
- User Experience Virtualization (UE-V)
 - with folder redirection, 39–42, 48
 - with offline files, 42–43
 - syncing, 43, 47
- User profile, 1, 34, 39, 47, 52–53, 121, 134–135

■ **V**

- Virtual desktops
 - creating, 119–120
 - switching among, 118
 - using, 118
- Volume licensing
 - enterprise agreement, 59–60
 - Microsoft products and services agreement, 60
 - open license, 58
 - open value, 59

- open value subscription, 59
- select plus, 60
- volume licensing service center, 58, 64–65

VPN

- create a VPN, 103–105
- select a VPN protocol, 103–106

VPN protocols

- L2TP, 103, 106–107
- PPTP, 103, 106–107
- SSTP, 103, 106, 108

■ **W, X, Y, Z**

- Windows Enterprise edition, 24, 34, 61

Windows images

- capturing with DISM, 84–86
- creating, 67–69, 72, 79, 83
- custom, 2, 35–39, 68
- installing applications, 71–73
- requirements, 98
- types

- disk and storage based, 81–82
- file based, 82–83
- WIM, 82–83

- Windows PE, 36, 68, 84–86

- Windows PowerShell, 80, 94–95

- Windows Preinstallation Environment (Windows PE), 36, 68, 85

- Windows Recovery Environment, 4–5, 86

- Windows Server Update Services (WSUS), 38

- Windows Store, 5, 11, 32, 72

Windows to Go

- access domain resources, 12, 30–31
- access local resources, 26–29
- activate, 56–57
- best practices, 31
- booting to, 22
- change product key, 56
- first boot, 19, 22, 24
- limitations, 3
- roaming, 5
- start up process, 23–24
- troubleshooting, 19–21
- workspaces, 2–6, 9, 12–19, 22, 24–26, 29–32, 34–35, 42, 47, 55–57, 60–61, 70, 72, 74, 77, 92, 96, 98–101, 109, 120, 134, 137

- Windows to Go creator, 2–3, 13–15, 19–21, 33, 39, 55, 60, 75, 79, 87, 98

- Work folders, 91–92, 94