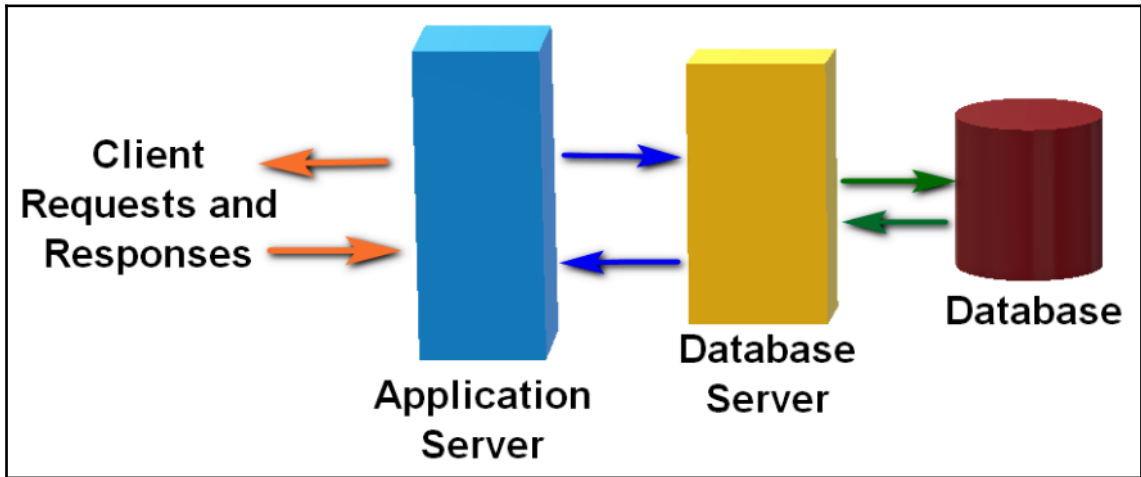
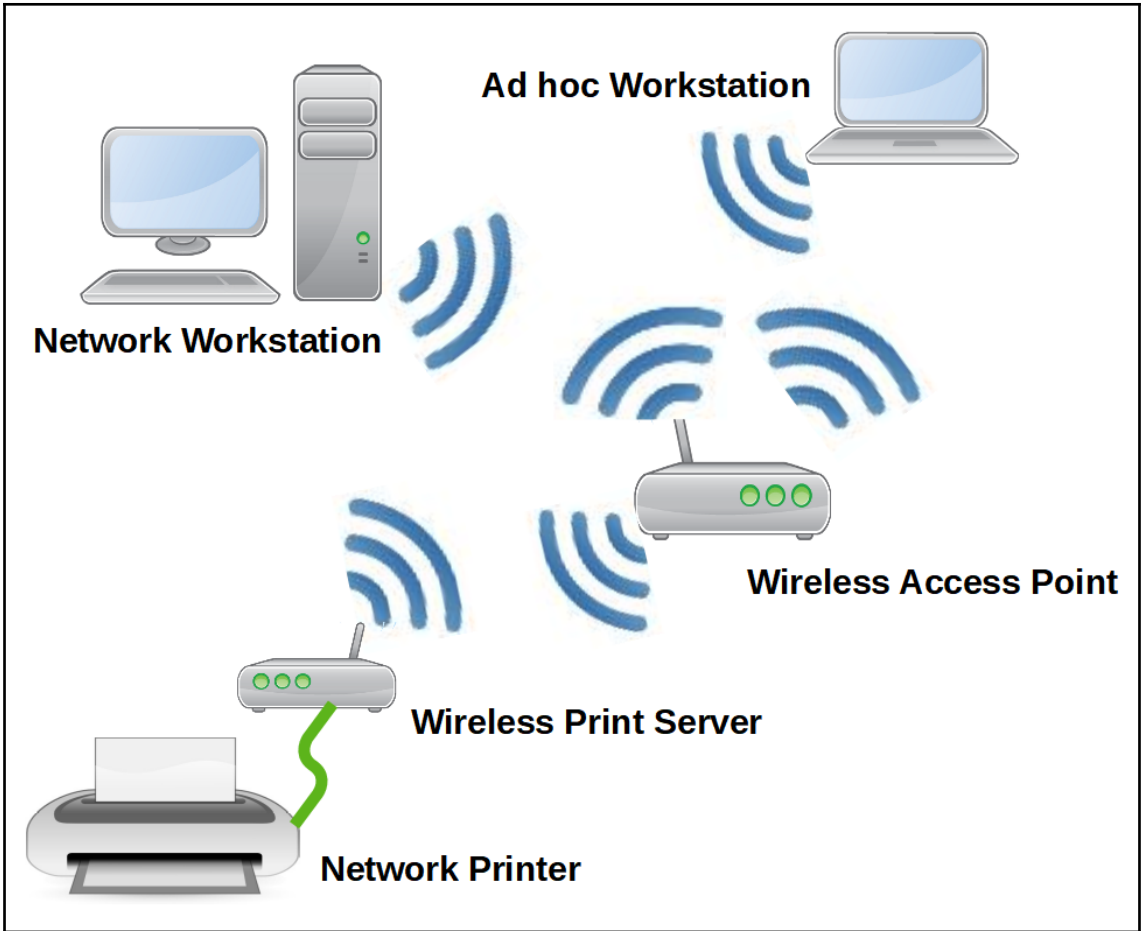
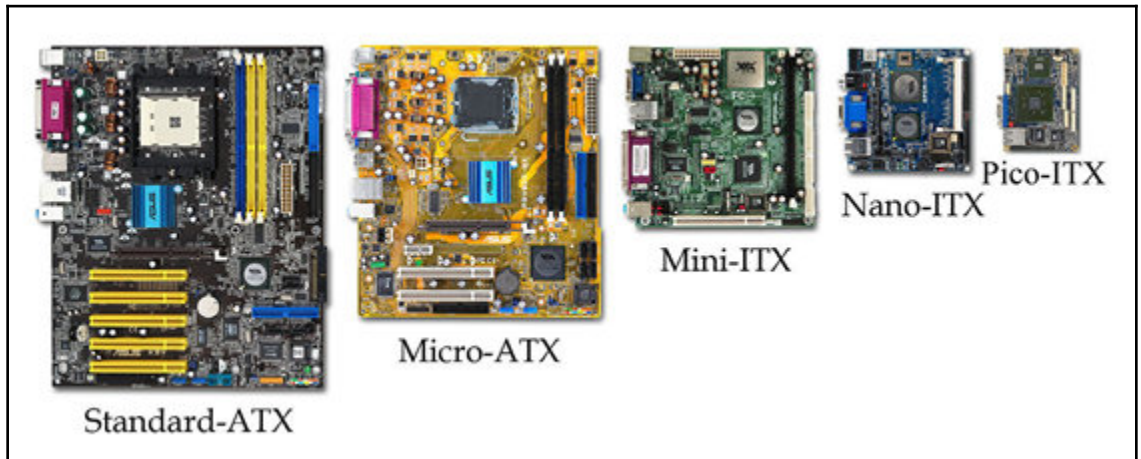
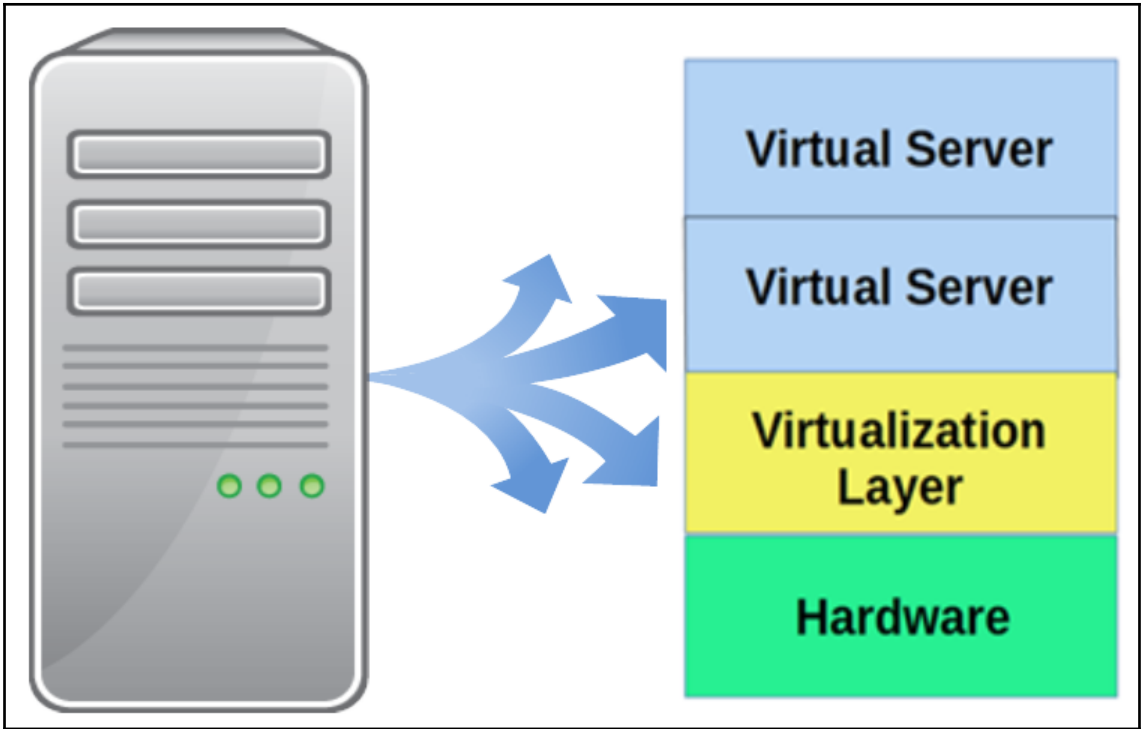


Chapter 1: Server Hardware

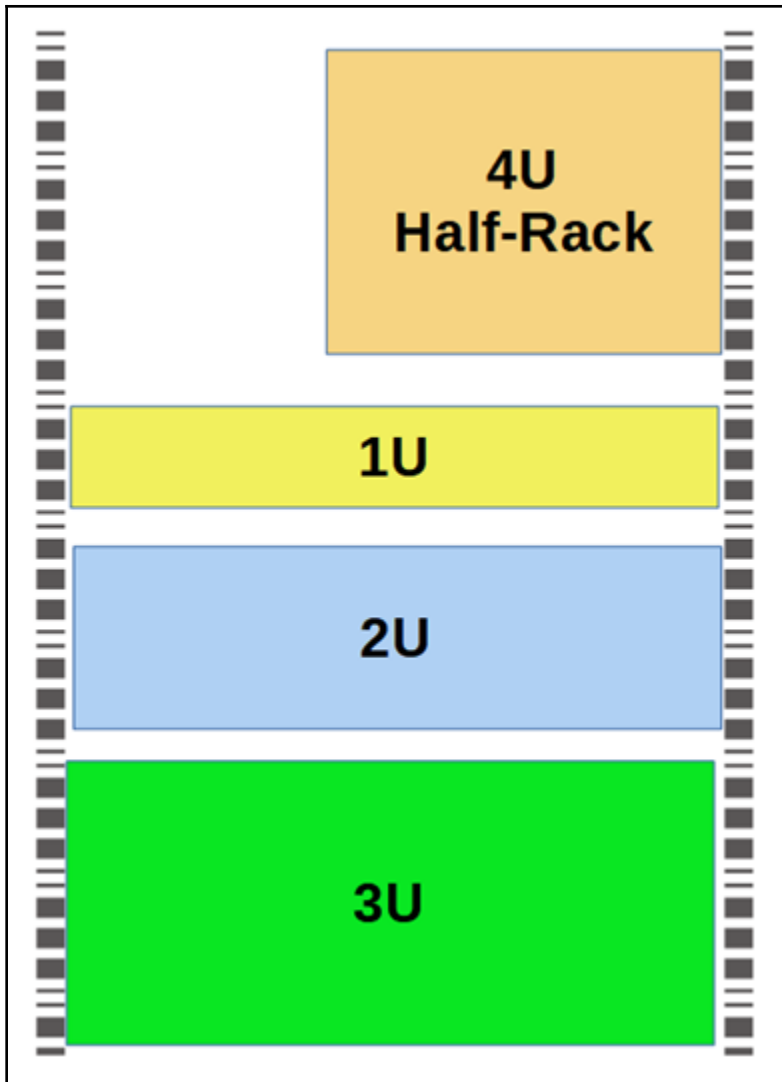








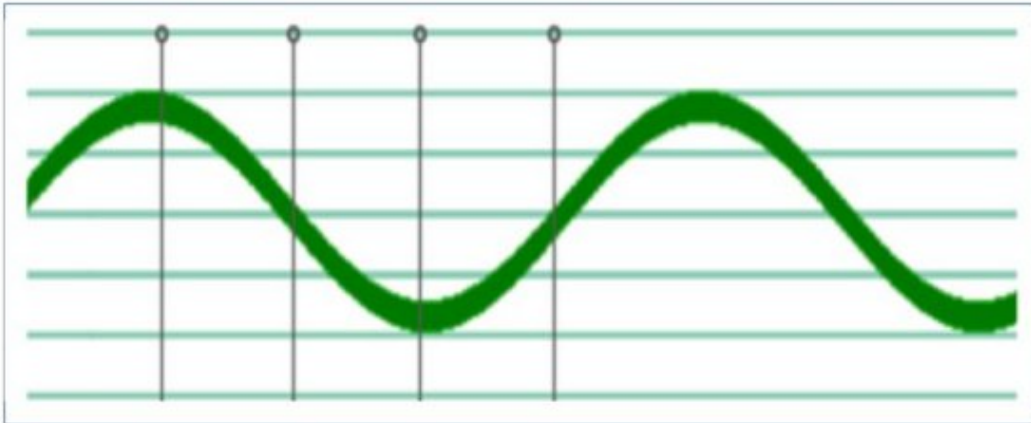
Network information:
Name: xxxxxxxx.wm
Addr: 192.168.1.100
Mask: 255.255.255.0
Gateway: 192.168.1.1
Server: 192.168.1.100
Serial: xxxxxxxx



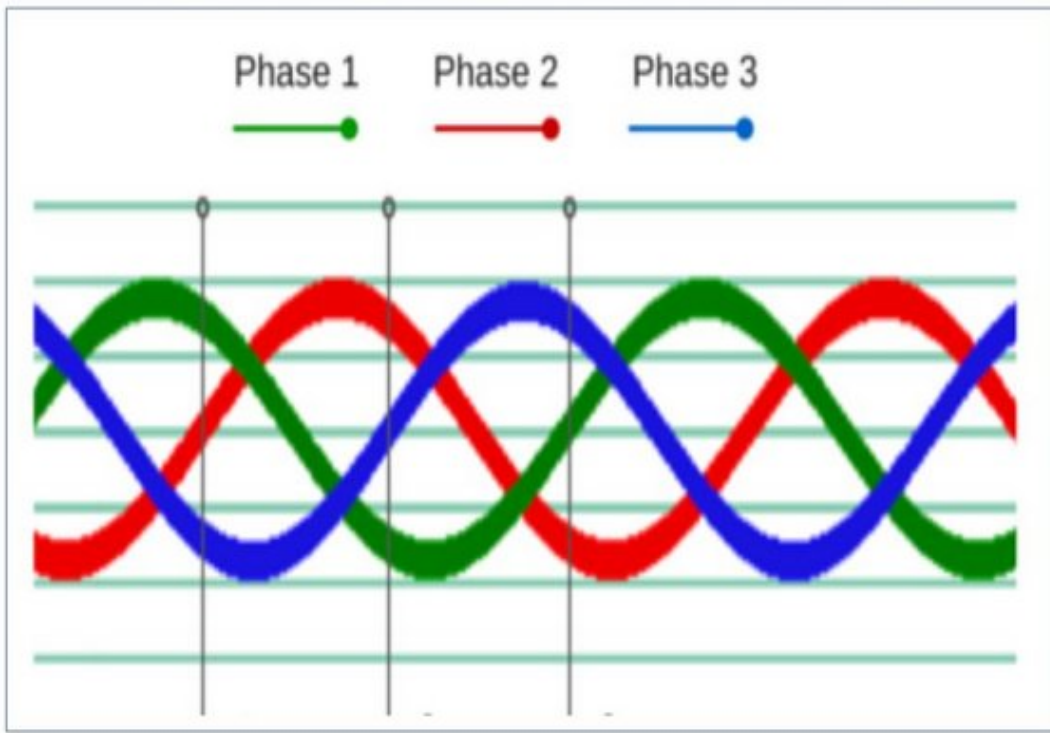




Single Phase Electrical Current



Three Phase Electrical Current



600W

MODEL NO. 型號 (型号) MPX-6001-ACAAB

Switching Power Supply w/Active PFC 交換式電源供應器 (开关电源供应器)

AC INPUT 交流輸入 (交流輸入)	100-240V~ 10-5A 50-60Hz				
DC OUTPUT 直流輸出 (直流輸出)	+3.3V	+5V	+12V	-12V	+5VSB
	20A	20A	50A	0.3A	3A
TOTAL POWER 最大總功率 (最大總功率)	120W		600W	3.6W	15W
	600W				

-HAZARDOUS VOLTAGE INSIDE!
內有危險電壓 (內有危險電壓)
-DO NOT OPEN POWER SUPPLY COVER!
請勿打開機殼 (請勿打開機殼)
-SELECT THE RIGHT INPUT VOLTAGE!
選擇正確的輸入電壓 (選擇正確的輸入電壓)

CAUTION! 警告

"AS SEALED STIC WAS REMOVED, LOST OR DAMAGED,
IT SHALL BE OUT OF WARRANTY VALIDITY!"

(如果封條貼紙被移動、遺失或損壞, 本開關電源保固將失效)
(如果封條貼紙被移動、遺失或損壞, 本開關電源保固將失效)
www.cooler-master.com MADE IN CHINA 中國製造 (中國製造)
製造商: 酷碼科技股份有限公司, Cooler Master Technology Inc.
製造商: 酷碼科技股份有限公司



OuterVision[®] Power Supply Calculator

Real Power Consumption

OuterVision Power Supply Calculator is the most accurate PC power consumption calculator available and is trusted by computer enthusiasts, PC hardware and power supply manufacturers across the Globe. Are you building a modern gaming PC, low power HTPC media server, or maybe you need to figure out power requirements for a rack in a data center? We've got you covered - OuterVision PSU Calculator will help you to select a suitable power supply unit and even Uninterruptible Power Supply (UPS) for your system. Building cryptocurrency mining rig? Check our Mining Rig Builder tool.

Video Card Overclock

Basic version of the OuterVision Power Supply Calculator allows users to quickly estimate power consumption with minimal selection of PC parts. On the other hand, our Expert, more advanced version of the **PSU Calculator** greatly extends the ability to select various PC parts and components, adds CPU and Graphics card overclocking, and allows consumers to calculate PC energy consumption, compare PSU efficiencies, and ultimately project energy cost.

Expert

Basic

Motherboard

Desktop ▼

CPU

0 ▼ x Instant Search CPU

CPU count: by default it's 1 physical chip. Multicore CPU still counts as 1 physical CPU.

CPU Speed MHz

CPU Vcore V

CPU Utilization

Other Devices (USB, LED, Controllers, etc.)

0 ▼ x - Select ▼

0 ▼ x - Select ▼

0 ▼ x - Select ▼

0 ▼ x - Select ▼

Fans

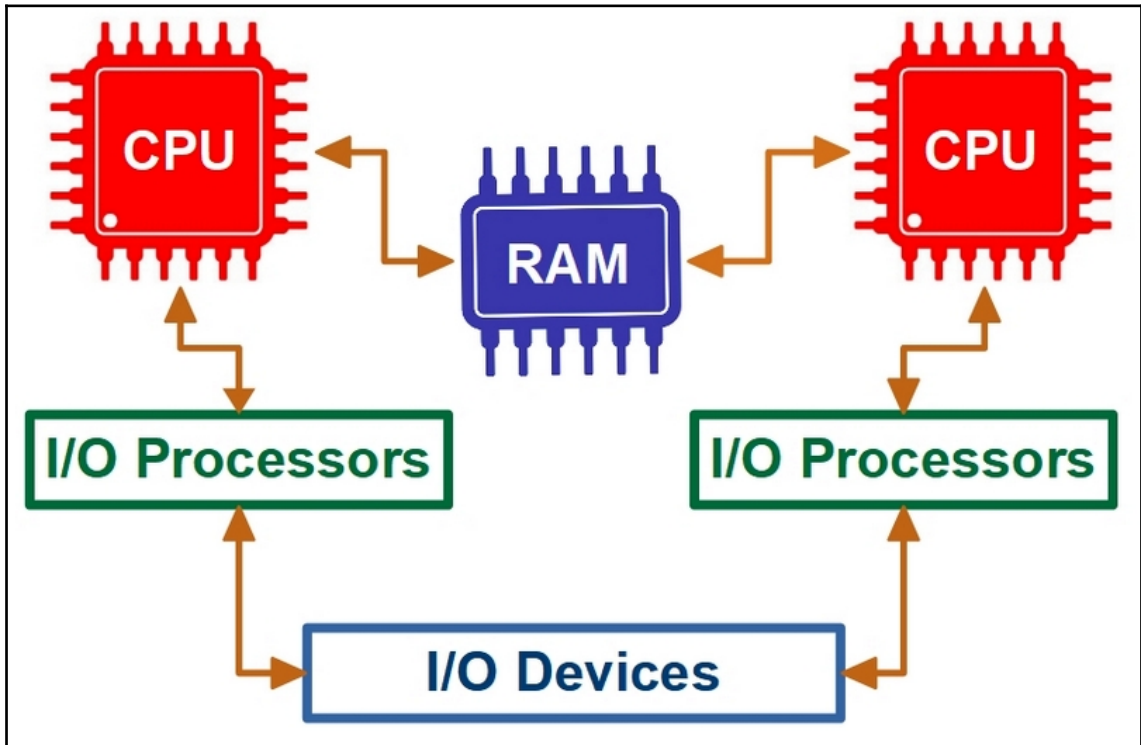
0 ▼ x - Select ▼

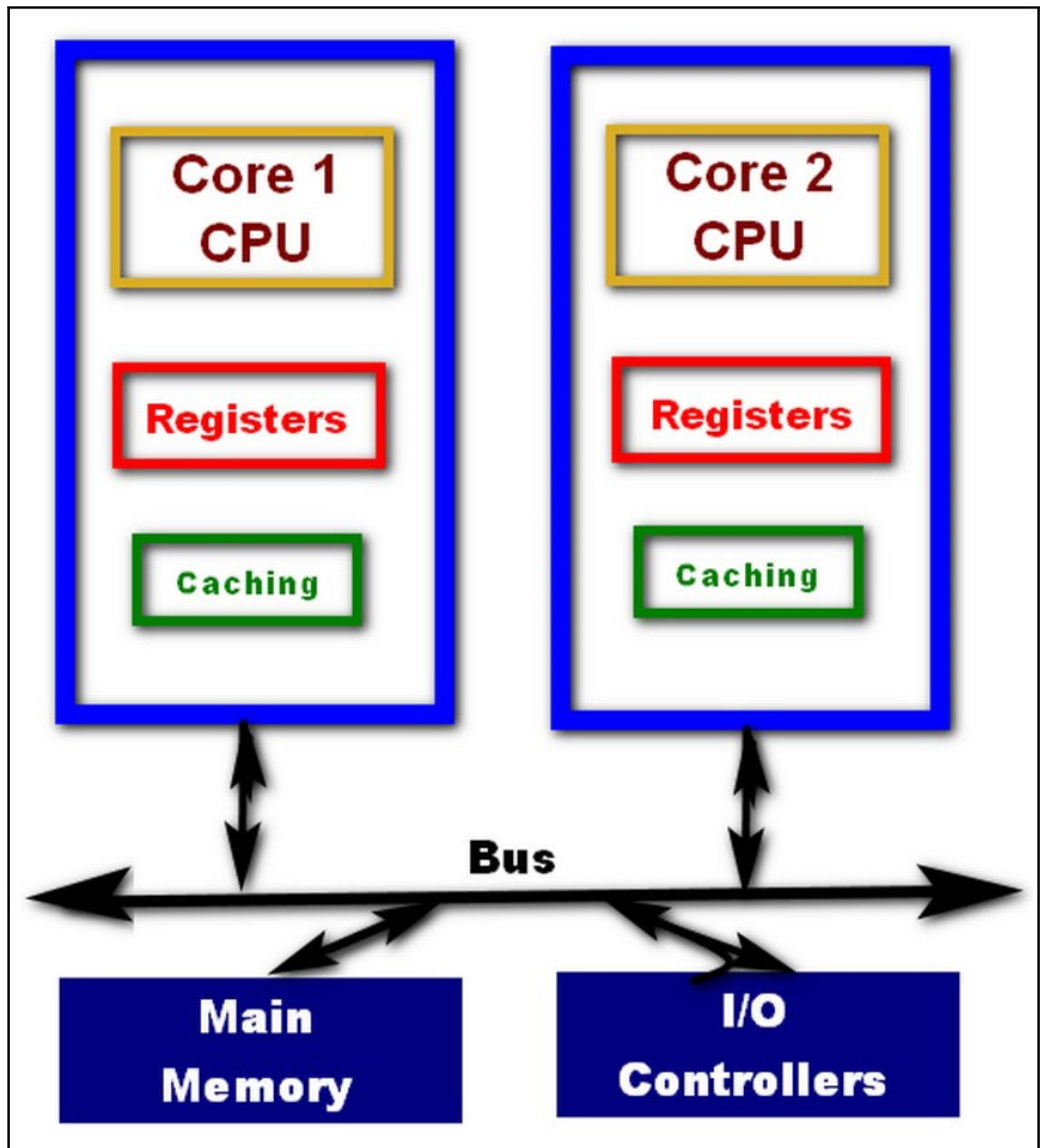
0 ▼ x - Select ▼

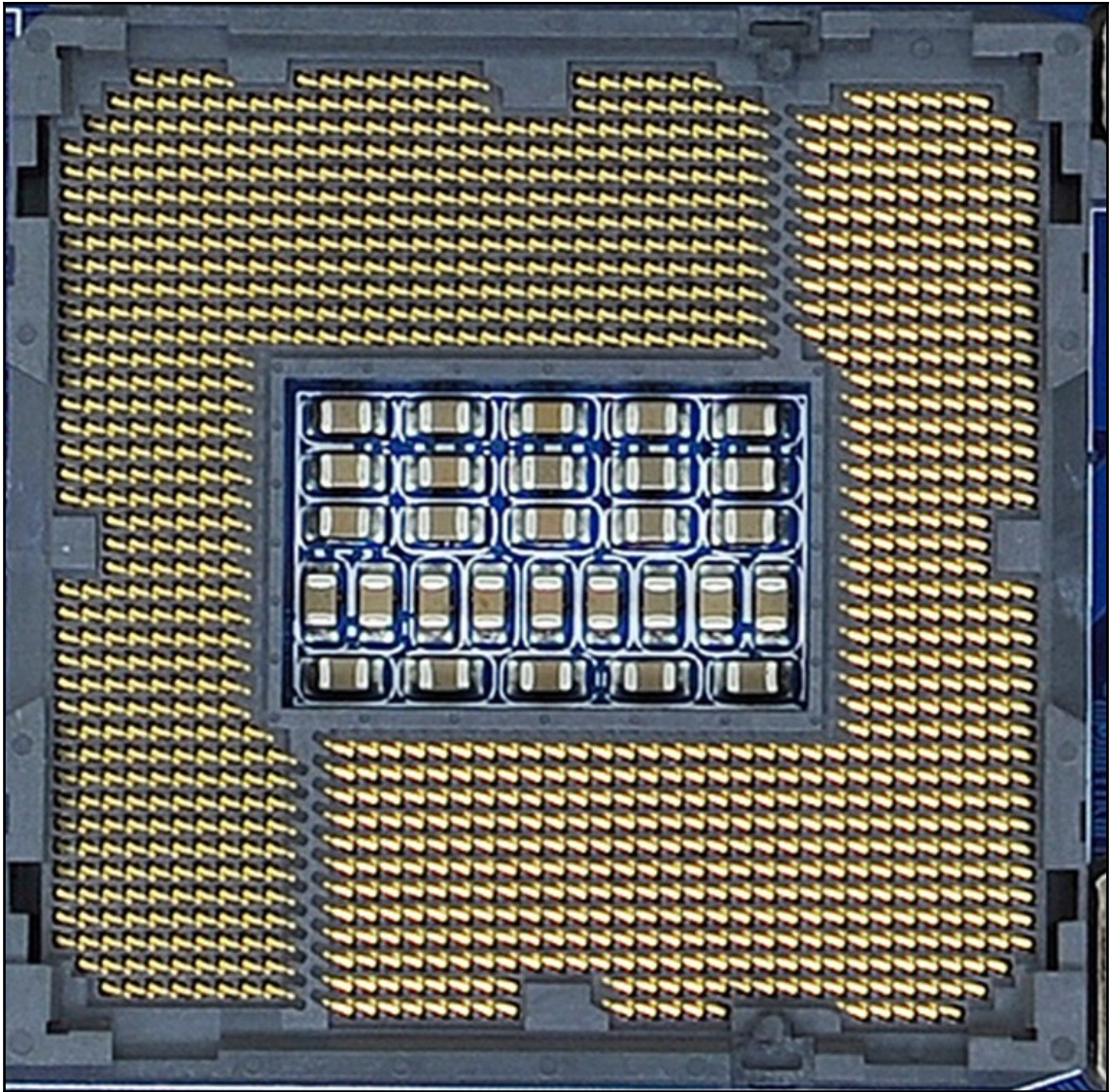


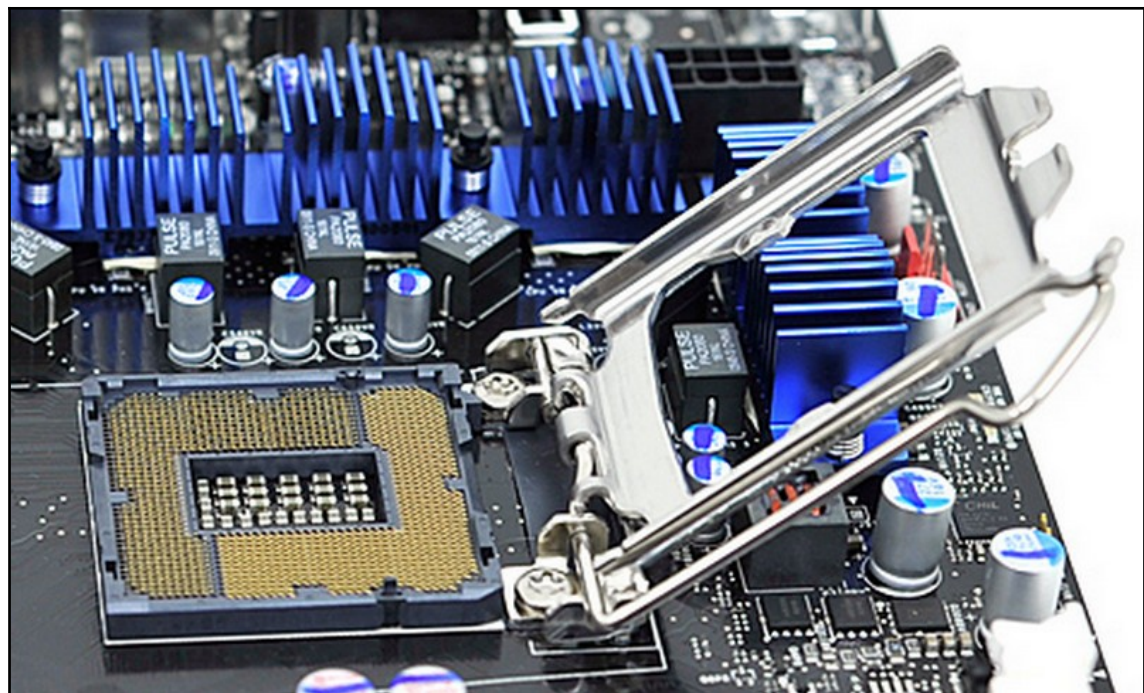


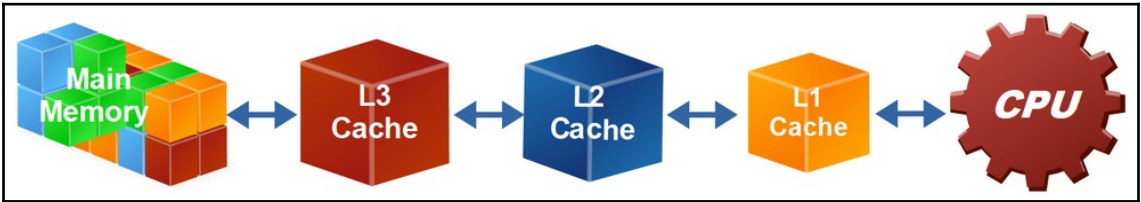
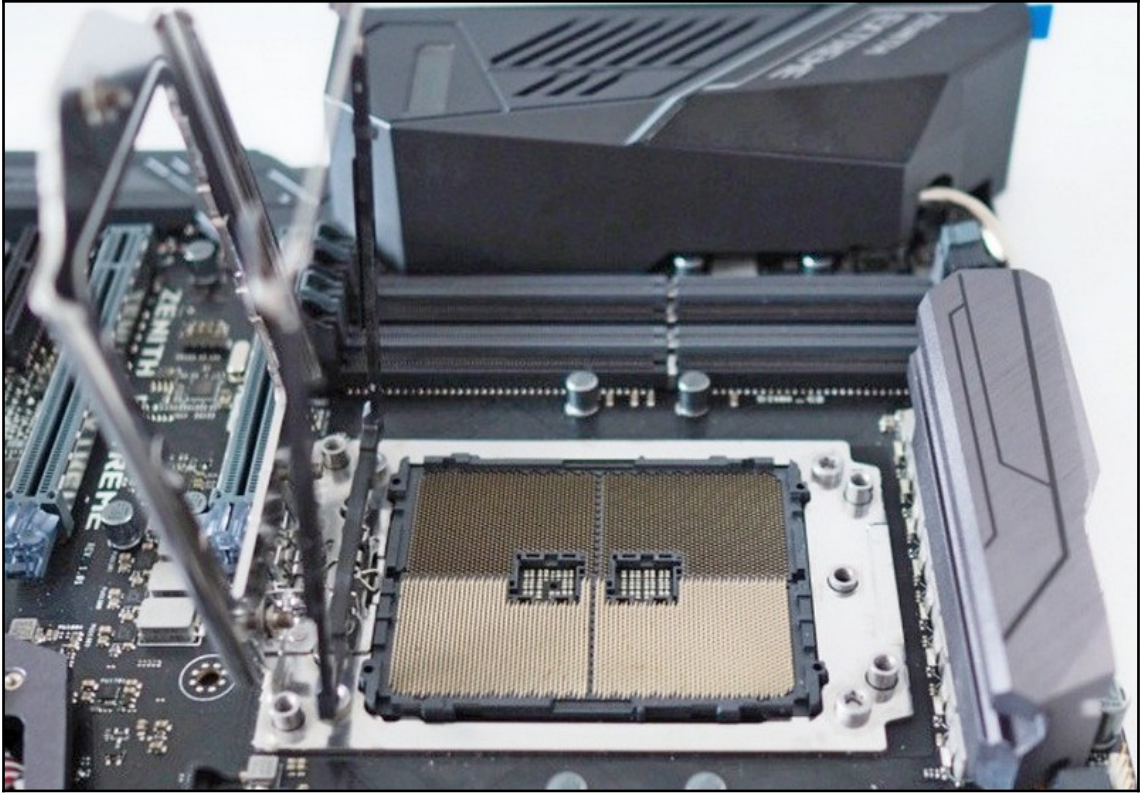
Chapter 2: Server Internals

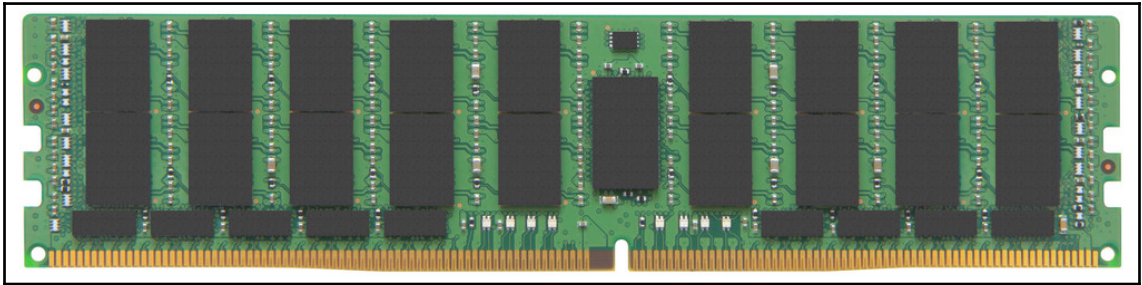
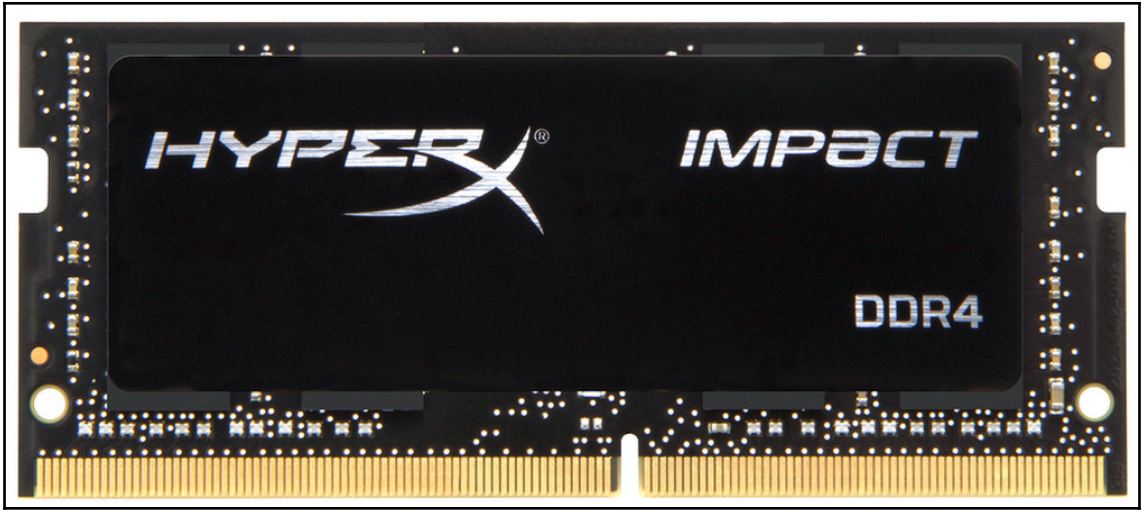


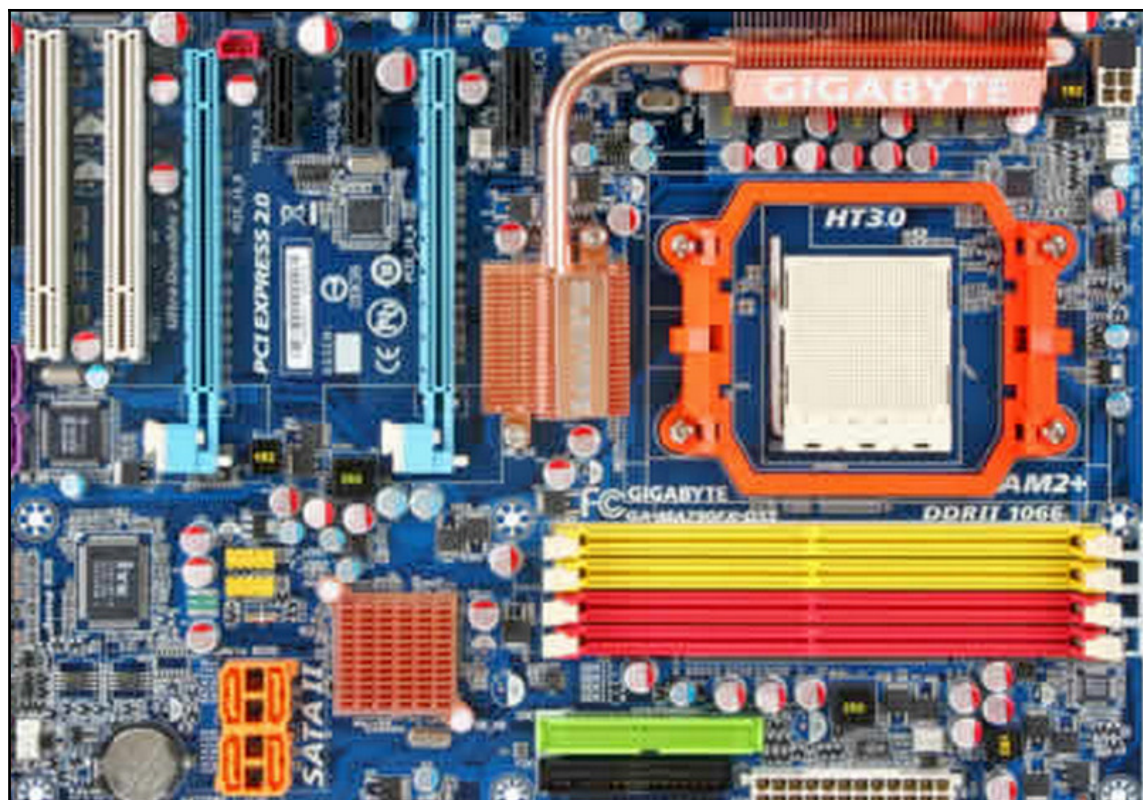


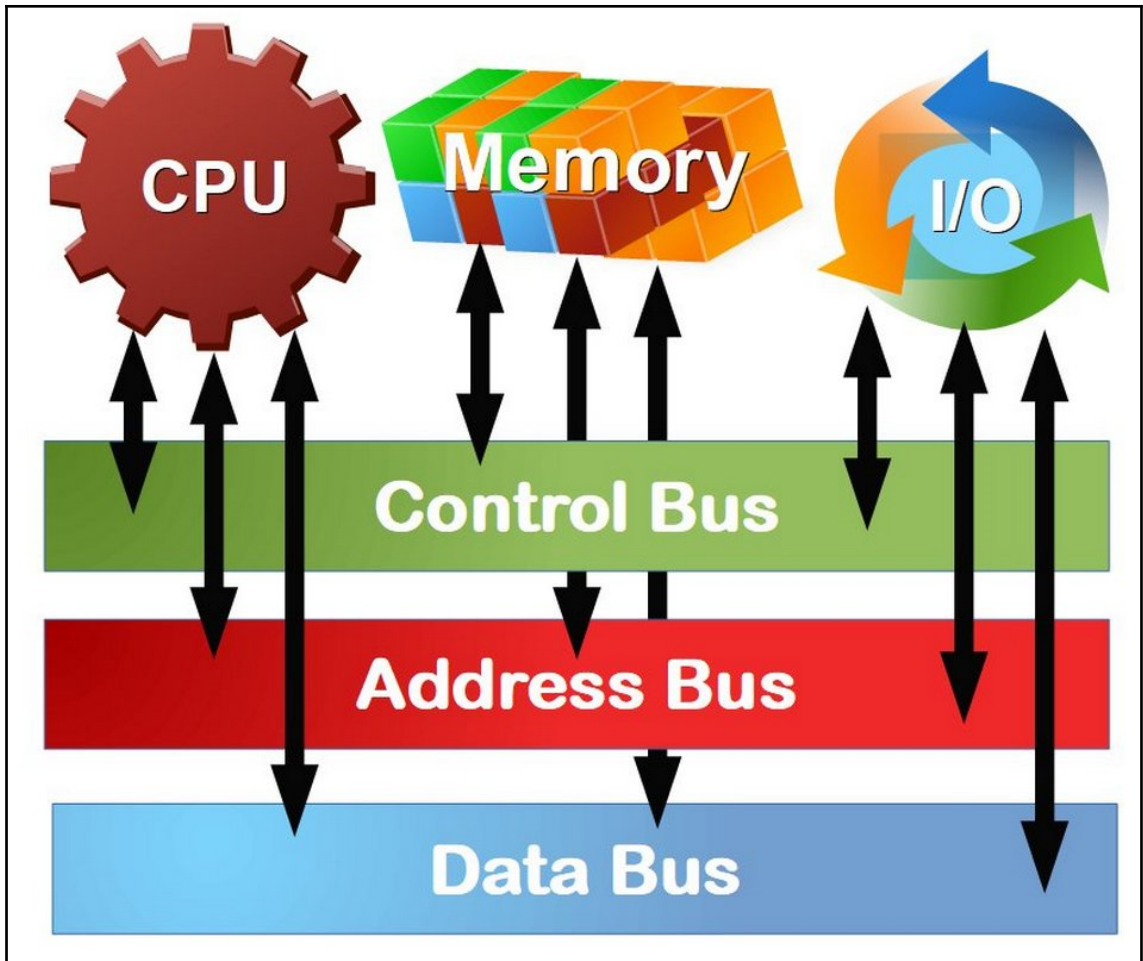


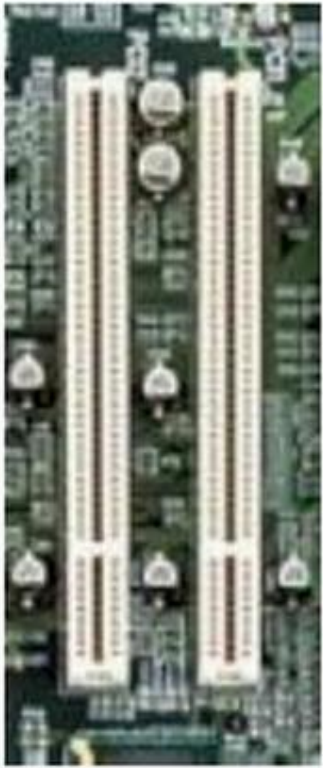


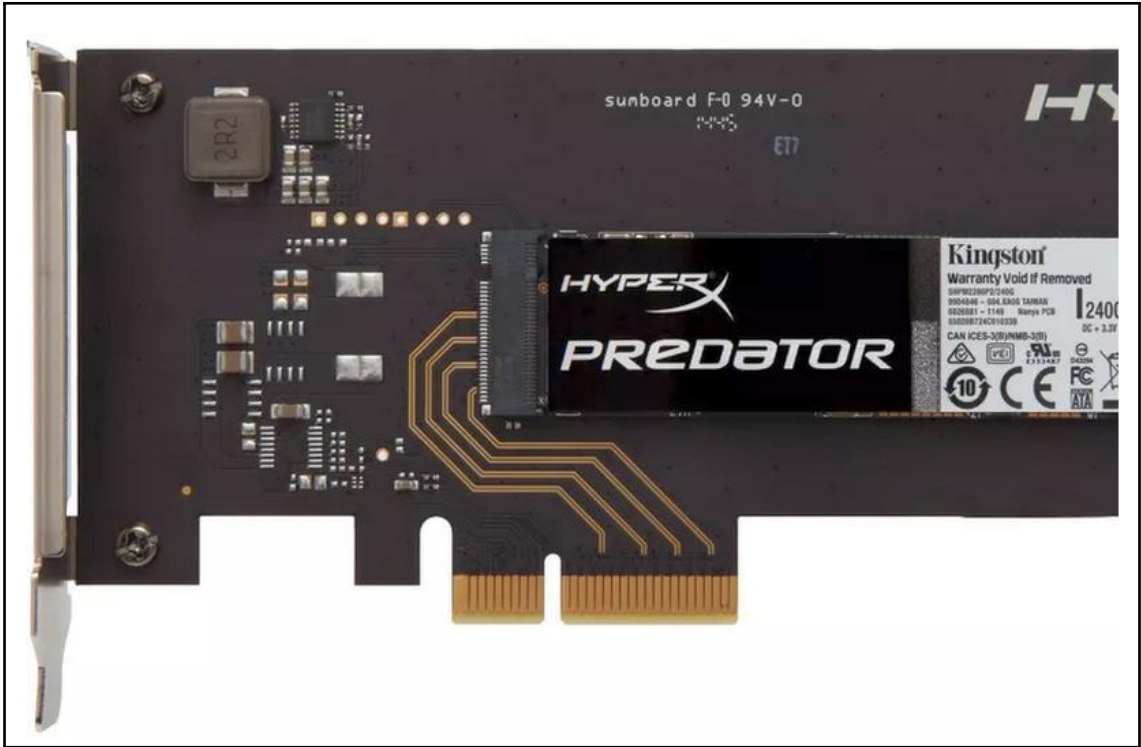


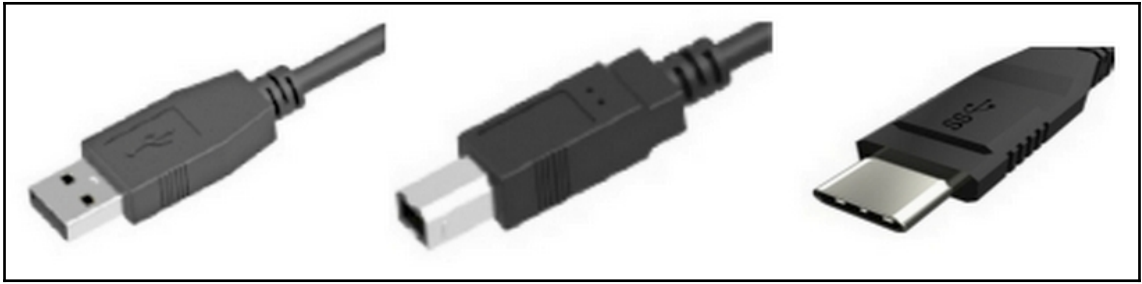




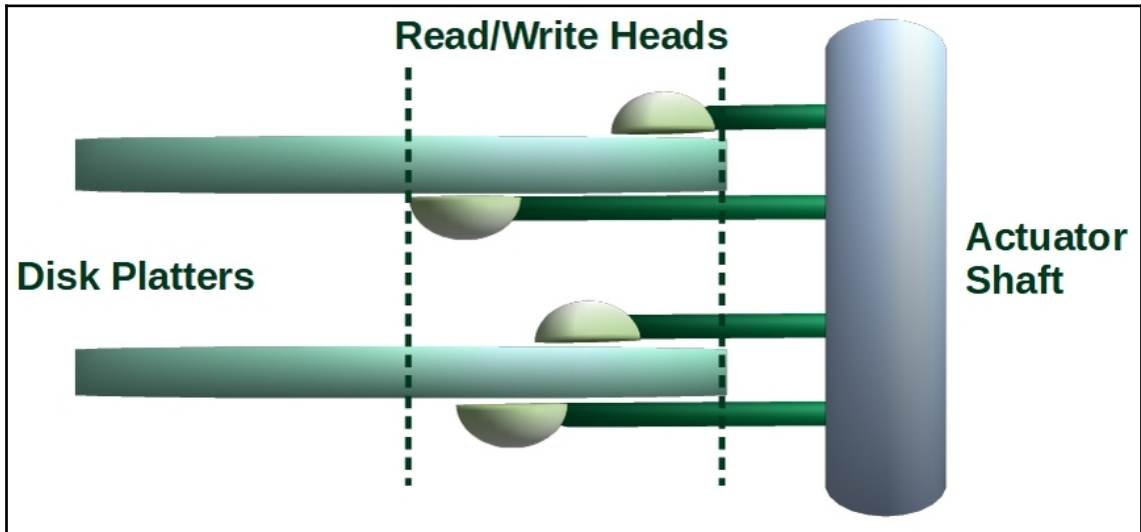






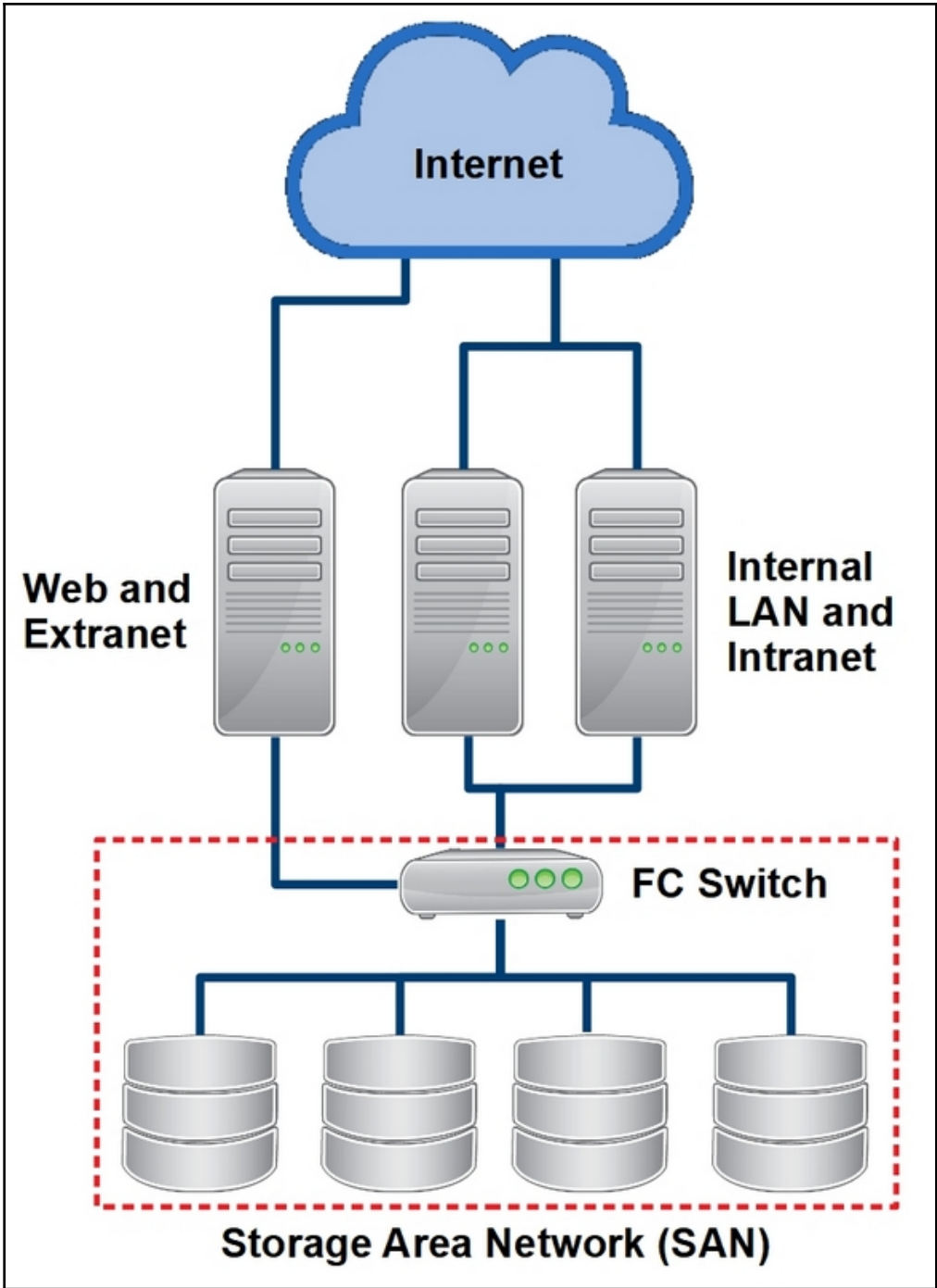


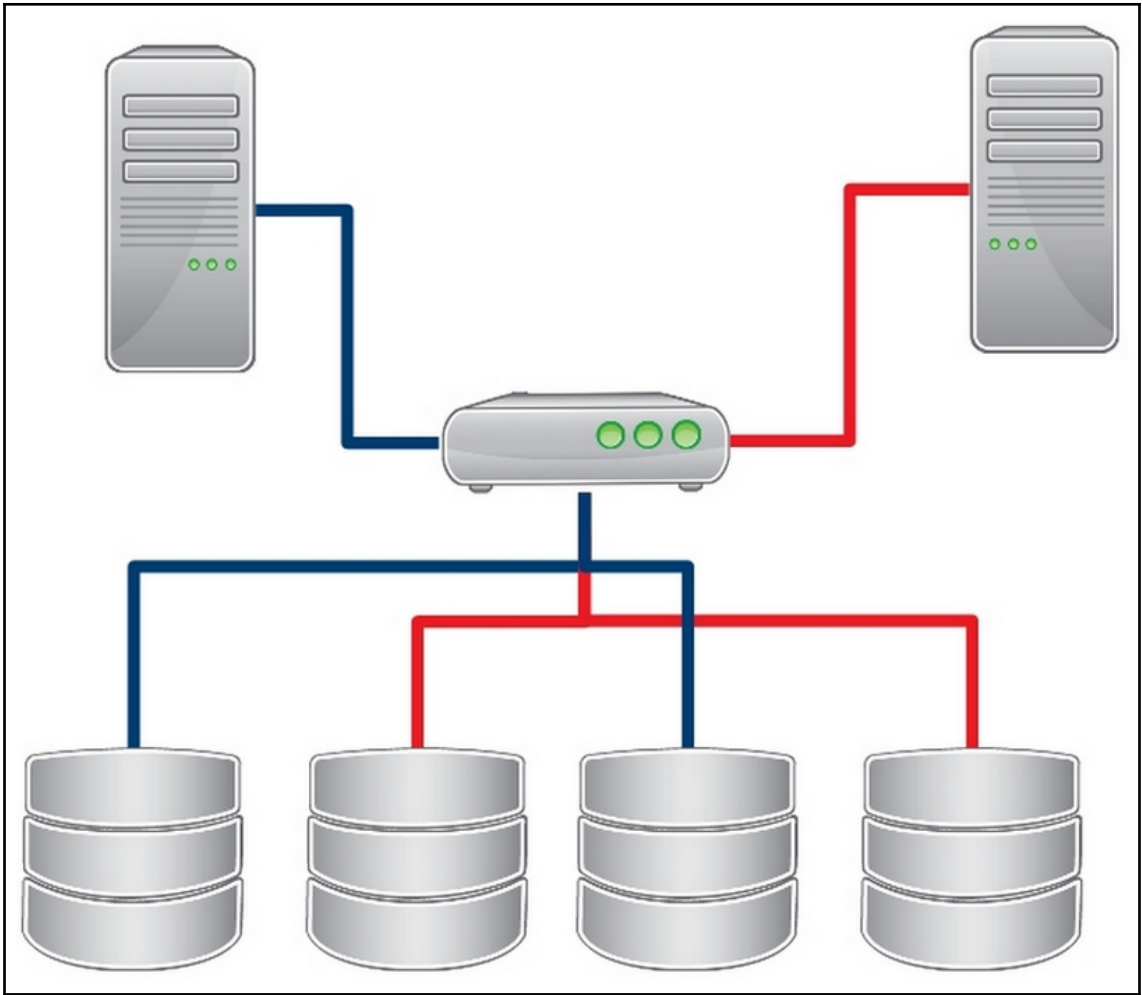
Chapter 3: Data Storage

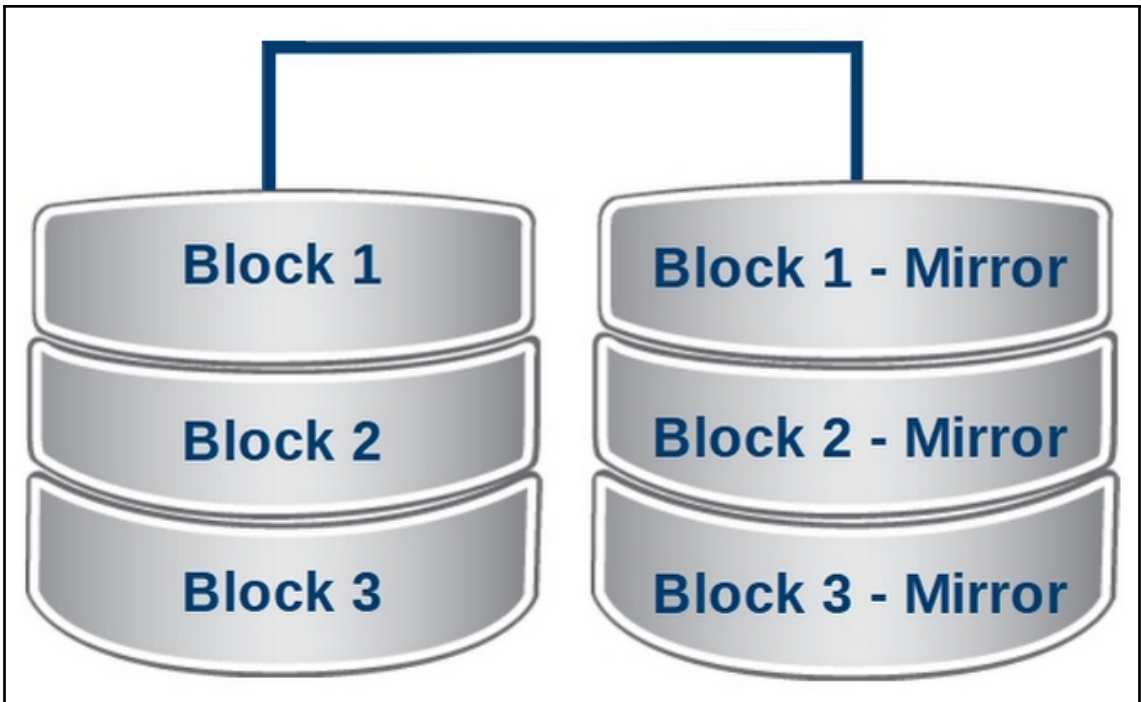
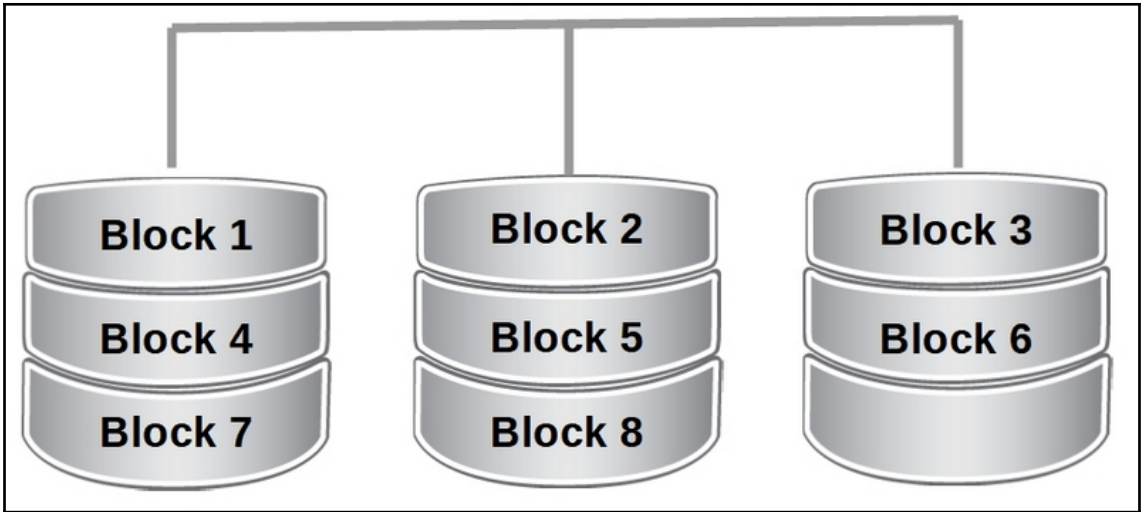


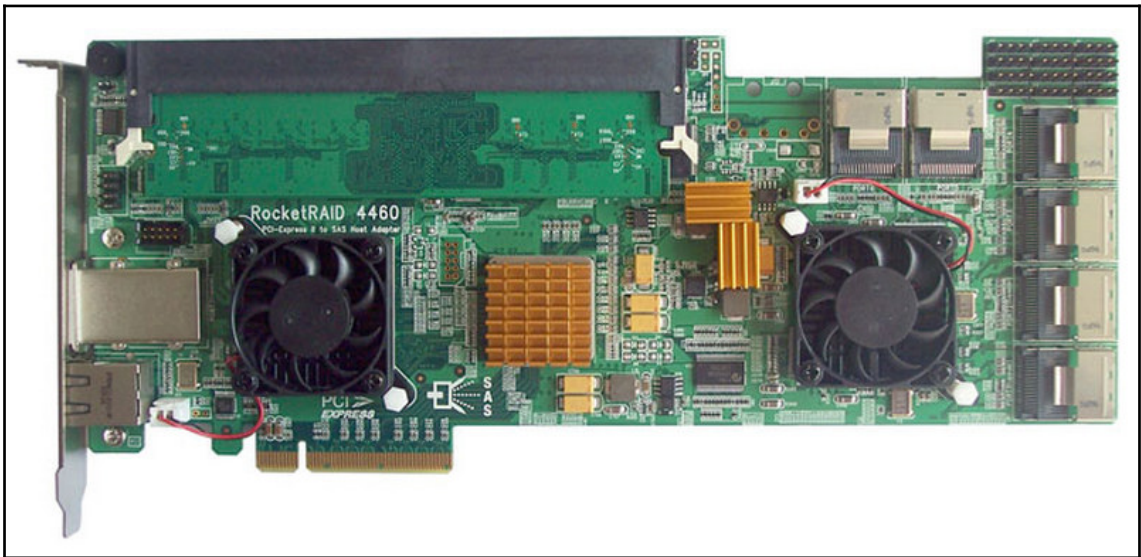
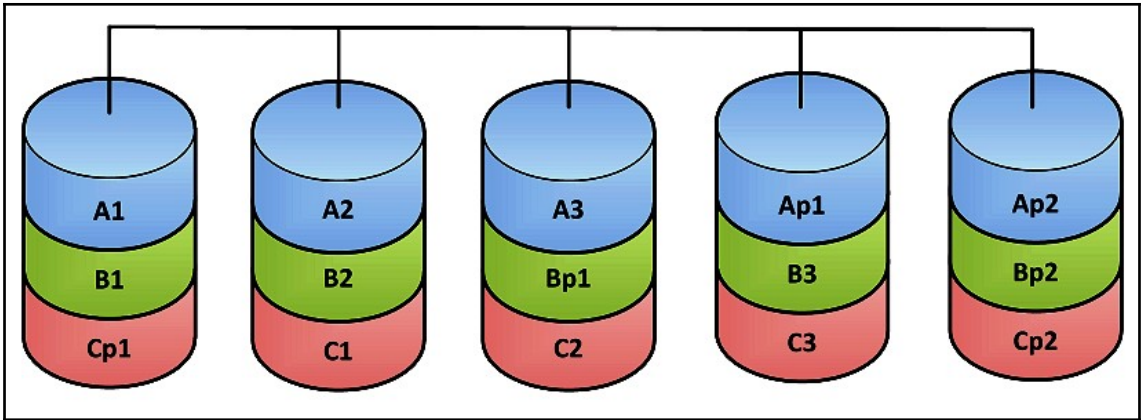












Quota Settings for (C:)



Quota



Status: Disk quotas are disabled

- Enable quota management
- Deny disk space to users exceeding quota limit

Select the default quota limit for new users on this volume:

- Do not limit disk usage
- Limit disk space to
- Set warning level to

Select the quota logging options for this volume:

- Log event when a user exceeds their quota limit
- Log event when a user exceeds their warning level

Disk Space Summary

Summarized Data

All Reports

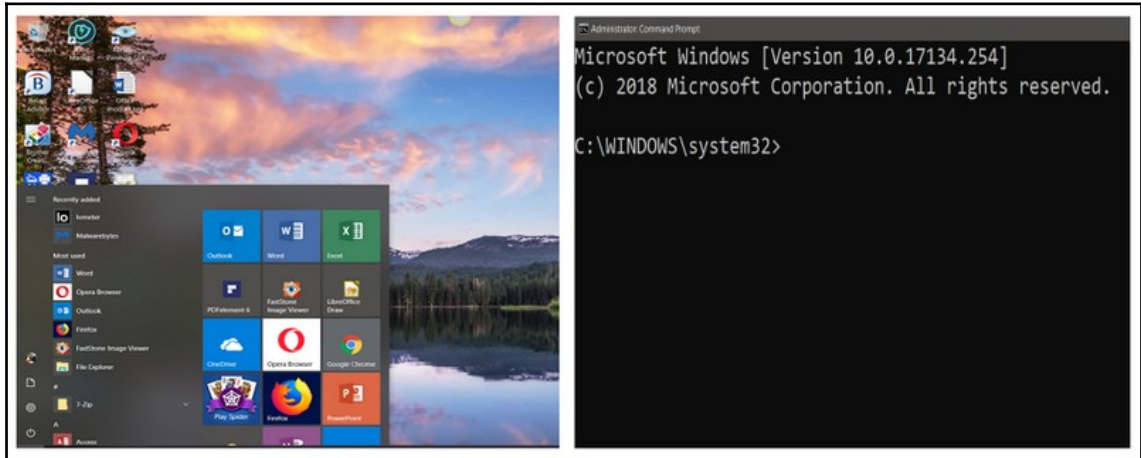
PDF Version

Data shown for most recent scans

Summarized Data

Computer	Drive	Last Check...	Free (...)	% Free	Predicted Full ^	Total (GB)	Used (GB)	% Used
TEST-1	C:	8/1/2014 8:13:50 AM	1.5 GB	18 %	8/28/2014 10:24:39 AM	8 GB	6.5 GB	82 %
Archive [192.168.7.2]	C:	8/1/2014 10:16:50 AM	356 GB	38 %	7/18/2015 10:24:39 AM	931.5 GB	575.5 GB	62 %
192.168.7.101	C:	8/1/2014 8:13:51 AM	2.6 GB	31 %		8 GB	5.4 GB	69 %
BIGDELL	C:	8/1/2014 10:11:23 AM	1757 GB	94 %		1862.9 GB	106 GB	6 %
D2	C:	8/1/2014 9:37:15 AM	122.6 GB	26 %		465.8 GB	343.2 GB	74 %
D2	D:	8/1/2014 9:37:15 AM	13.5 GB	12 %		107.1 GB	93.7 GB	88 %
DOMAIN	C:	8/1/2014 10:11:23 AM	1.1 GB	13 %		8 GB	6.9 GB	87 %
LAB	C:	8/1/2014 8:13:51 AM	2.6 GB	31 %		8 GB	5.4 GB	69 %

Chapter 4: Server Operating Systems



Device Manager

File Action Help



DESKTOP-0R4TO3U

- > Direct memory access (DMA)
- > Input/output (IO)
- ▼ Interrupt request (IRQ)

	(ISA) 0x00000000 (00)	System timer
	(ISA) 0x00000001 (01)	Standard PS/2 Keyboard
	(ISA) 0x00000008 (08)	System CMOS/real time clock
	(ISA) 0x0000000C (12)	Synaptics SMBus TouchPad
	(ISA) 0x00000036 (54)	Microsoft ACPI-Compliant System
	(ISA) 0x00000037 (55)	Microsoft ACPI-Compliant System
	(ISA) 0x00000038 (56)	Microsoft ACPI-Compliant System
	(ISA) 0x00000039 (57)	Microsoft ACPI-Compliant System
	(ISA) 0x0000003A (58)	Microsoft ACPI-Compliant System
	(ISA) 0x0000003B (59)	Microsoft ACPI-Compliant System
	(ISA) 0x0000003C (60)	Microsoft ACPI-Compliant System
	(ISA) 0x0000003D (61)	Microsoft ACPI-Compliant System

Device Manager

File Action View Help

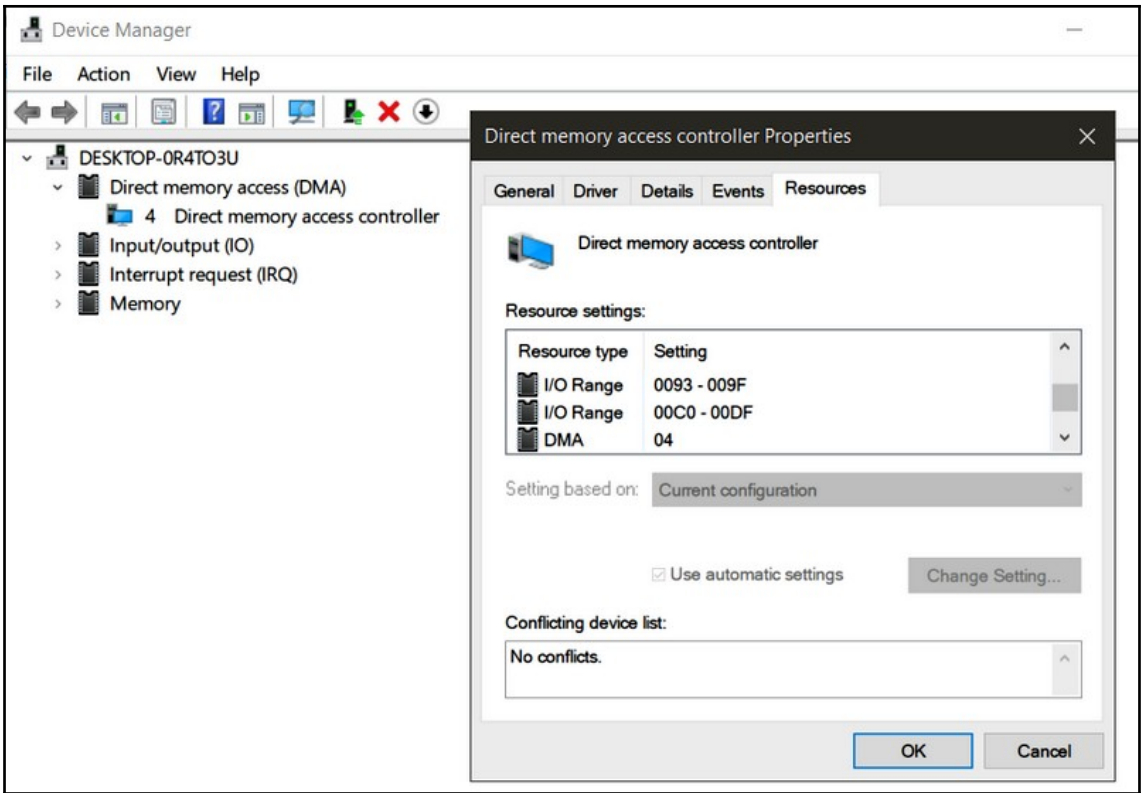
DESKTOP-0R4TO3U

- Direct memory access (DMA)
- Input/output (IO)
 - [0000000000000000 - 000000000000001F] Direct memory access controller
 - [0000000000000000 - 000000000000CF7] PCI Express Root Complex
 - [0000000000000020 - 0000000000000021] Programmable interrupt controller
 - [0000000000000024 - 0000000000000025] Programmable interrupt controller
 - [0000000000000028 - 0000000000000029] Programmable interrupt controller
 - [000000000000002C - 000000000000002D] Programmable interrupt controller
 - [000000000000002E - 000000000000002F] Motherboard resources
 - [0000000000000030 - 0000000000000031] Programmable interrupt controller
 - [0000000000000034 - 0000000000000035] Programmable interrupt controller
 - [0000000000000038 - 0000000000000039] Programmable interrupt controller
 - [000000000000003C - 000000000000003D] Programmable interrupt controller
 - [0000000000000040 - 0000000000000043] System timer
 - [000000000000004E - 000000000000004F] Motherboard resources
 - [0000000000000050 - 0000000000000053] System timer
 - [0000000000000060 - 0000000000000060] Standard PS/2 Keyboard
 - [0000000000000061 - 0000000000000061] Motherboard resources
 - [0000000000000062 - 0000000000000062] Motherboard resources
 - [0000000000000063 - 0000000000000063] Motherboard resources
 - [0000000000000064 - 0000000000000064] Standard PS/2 Keyboard

Device Manager

File Action View Help

- ▼ DESKTOP-0R4TO3U
 - > Direct memory access (DMA)
 - > Input/output (IO)
 - > Interrupt request (IRQ)
 - ▼ Memory
 - [0000000000A0000 - 0000000000BFFFF] PCI Express Root Complex
 - [0000000000C0000 - 0000000000C3FFF] PCI Express Root Complex
 - [0000000000C4000 - 0000000000C7FFF] PCI Express Root Complex
 - [0000000000C8000 - 0000000000CBFFF] PCI Express Root Complex
 - [0000000000CC000 - 0000000000CFFFF] PCI Express Root Complex
 - [0000000000D0000 - 0000000000D3FFF] PCI Express Root Complex
 - [0000000000D4000 - 0000000000D7FFF] PCI Express Root Complex
 - [0000000000D8000 - 0000000000DBFFF] PCI Express Root Complex
 - [0000000000DC000 - 0000000000DFFFF] PCI Express Root Complex
 - [0000000000E0000 - 0000000000E3FFF] PCI Express Root Complex
 - [0000000000E4000 - 0000000000E7FFF] PCI Express Root Complex
 - [0000000000E8000 - 0000000000EBFFF] PCI Express Root Complex
 - [0000000000EC000 - 0000000000EFFFF] PCI Express Root Complex
 - [0000000000F0000 - 0000000000FFFFFF] PCI Express Root Complex
 - [00000008CFFF000 - 00000008CFFFFFF] Trusted Platform Module 2.0
 - [000000090000000 - 00000009000FFFF] Motherboard resources
 - [000000090000000 - 0000000DFFFFFFF] PCI Express Root Complex
 - [000000090010000 - 00000009001FFFF] Motherboard resources




KInfoCenter — KDE Info Center

Module Help Help

Search

Information About This System

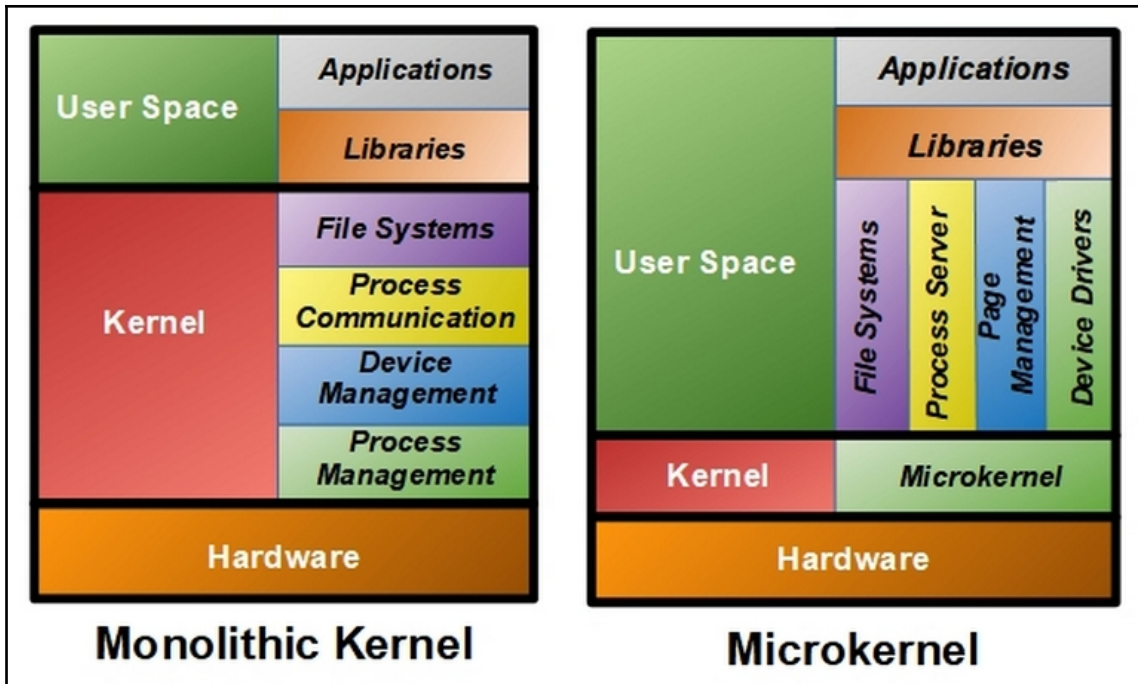


Kubuntu 15.10
<http://www.kubuntu.org>

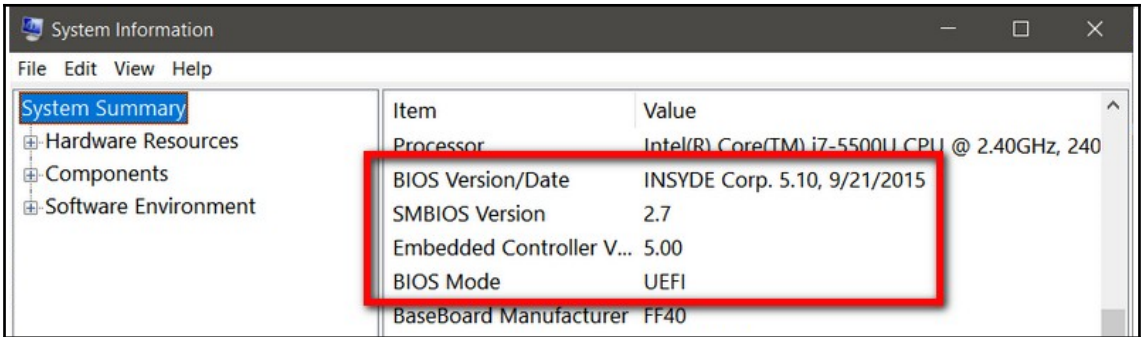
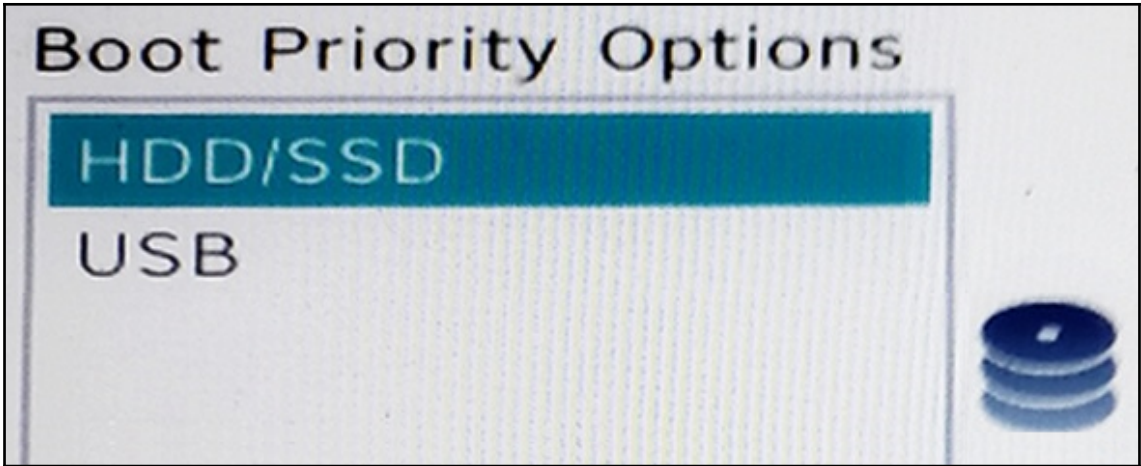
Software
KDE Plasma Version: 5.4.2
Qt Version: 5.4.2
Kernel Version: 4.2.0-23-generic
OS Type: 64-bit

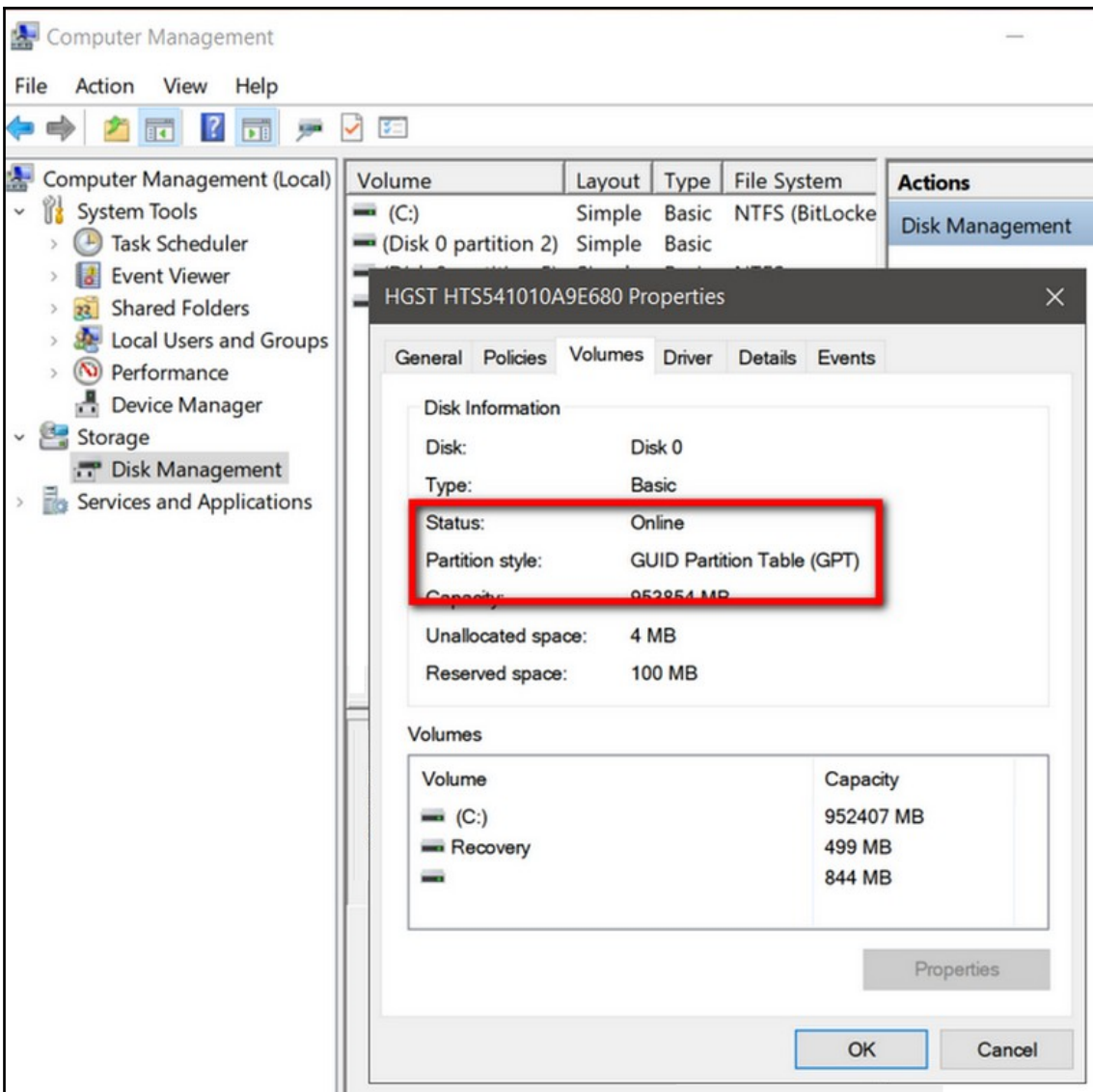
Hardware
Processors: 4 × Intel® Core™ i5-3320M CPU @ 2.60GHz
Memory: 3.7 GiB of RAM

- About System
- Memory
- Energy Information
- Device Information
 - Device Viewer
 - USB Devices
 - PCI
 - IO-Ports
 - DMA-Channels
 - IEEE 1394 Devices
 - Interrupts
 - SCSI
- Network Information
 - Network Interfaces
 - Samba Status
- Graphical Information
 - OpenGL
 - X-Server
 - Wayland



```
[root@localhost init.d]# ls -l
 14 S01logging      13 S40network      12 rcS
 16 S10udev         15 S50dropbear
 17 S20urandom      11 rcK
[root@localhost init.d]# ls -il
total 28
 14 -rwxr-xr-x    1 root    root          649 May 25  2017 S01logging
 16 -rwxr-xr-x    1 root    root        1630 Jun 24  2017 S10udev
 17 -rwxr-xr-x    1 root    root        1321 May 24  2017 S20urandom
 13 -rwxr-xr-x    1 root    root         359 May 24  2017 S40network
 15 -rwxr-xr-x    1 root    root        1354 May 24  2017 S50dropbear
 11 -rwxr-xr-x    1 root    root         423 May 24  2017 rcK
 12 -rwxr-xr-x    1 root    root         408 May 24  2017 rcS
[root@localhost init.d]# █
```





Microsoft DiskPart version 10.0.17134.1

Copyright (C) Microsoft Corporation.

On computer: DESKTOP-0R4T03U

DISKPART> LIST DISK

Disk ###	Status	Size	Free	Dyn	Gpt
-----	-----	-----	-----	---	---
Disk 0	Online	931 GB	1024 KB		*

DISKPART> SELECT DISK 0

Disk 0 is now the selected disk.

DISKPART> LIST PARTITION

Partition ###	Type	Size	Offset
-----	-----	-----	-----
Partition 1	Recovery	499 MB	1024 KB
Partition 2	System	100 MB	500 MB
Partition 3	Reserved	16 MB	600 MB
Partition 4	Primary	930 GB	616 MB
Partition 5	Recovery	844 MB	930 GB

DISKPART>

System

Processor: Intel(R) Core(TM) i7-5500U CPU @ 2.40GHz 2.40 GHz
Installed memory (RAM): 8.00 GB
System type: 64-bit Operating System, x64-based processor
Pen and Touch: No Pen or Touch Input is available for this Display

Computer name, domain, and workgroup settings

Computer name: DESKTOP-0R4TO3U
Full computer name: DESKTOP-0R4TO3U
Computer description:
Workgroup: WORKGROUP

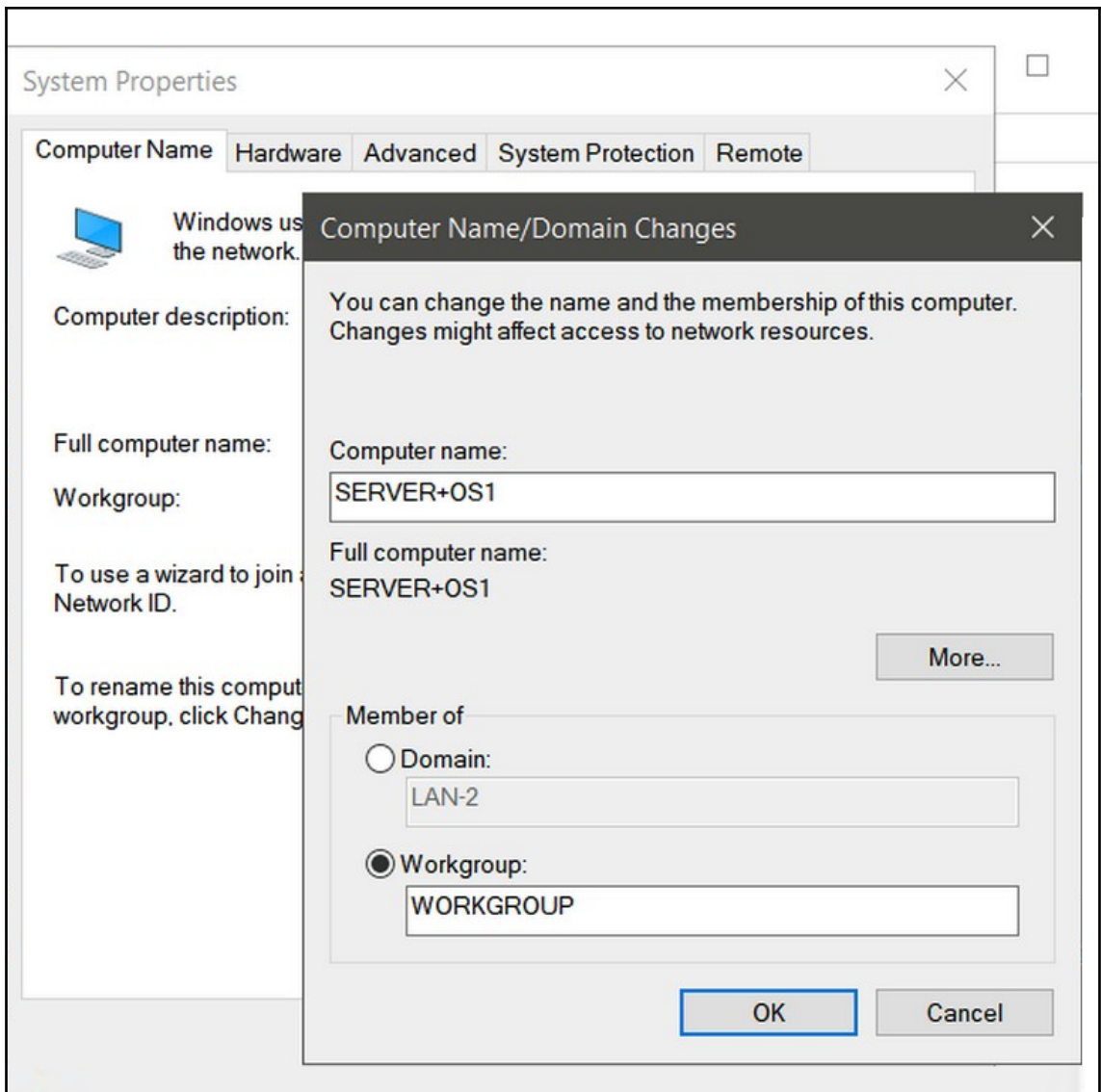
 Change settings

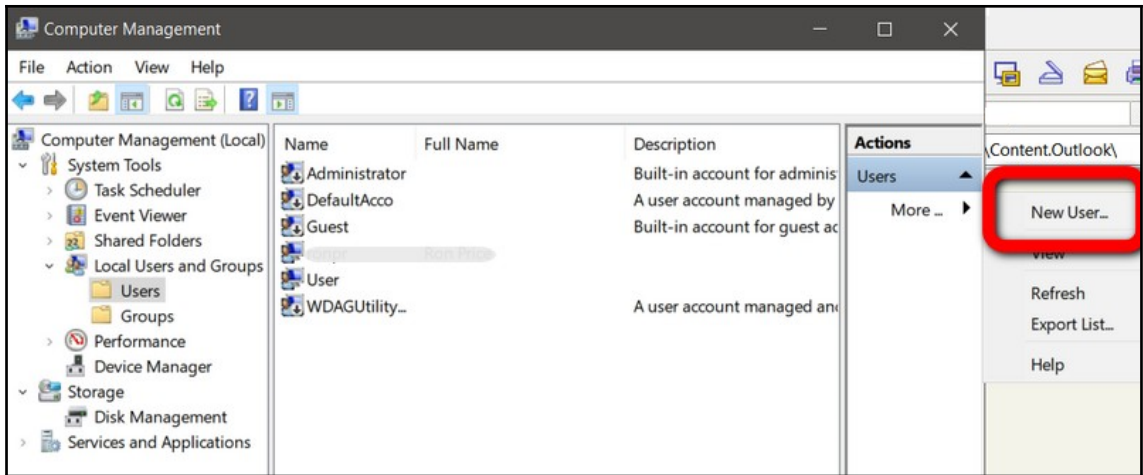
Windows activation

Windows is activated [Read the Microsoft Software License Terms](#)

Product ID: 00330-80000-

 Change product key





New User



User name:

NewUser

Full name:

New User Name

Description:

This is a new local user

Password:

●●●●●●●●

Confirm password:

●●●●●●●●

User must change password at next logon

User cannot change password

Password never expires

Account is disabled

Help

Create

Close

NewUser Properties



General Member Of Profile

Member of:

 Administrators

Add...

Remove

Changes to a user's group membership are not effective until the next time the user logs on.

OK

Cancel

Apply

Help

New Object - User

Create in: /domain_users/admin

First name: **Initials:**

Last name:

Full name:

User logon name:

User logon name (pre-Windows 2000):

< Back Next > Cancel

Join a domain

Join a domain

Domain name

Next

Services (Local)

Wired AutoConfig

[Start](#) the service

Description:
 The Wired AutoConfig (DOT3SVC) service is responsible for performing IEEE 802.1X authentication on Ethernet interfaces. If your current wired network deployment enforces 802.1X authentication, the DOT3SVC service should be configured to run for establishing Layer 2 connectivity and/or providing access to network resources. Wired networks that do not enforce 802.1X authentication are unaffected by the DOT3SVC service.

Name	Description
Xbox Game Monitoring	This service monitors games.
Xbox Accessory Management...	This service manages connected Xbox
WWAN AutoConfig	This service manages mobile broadband
WRSVC	Webroot SecureAnywhere Internet Sec
Workstation	Creates and maintains client network c
WMI Performance Adapter	Provides performance library informat
WLAN AutoConfig	The WLANSVC service provides the log
Wired AutoConfig	The Wired AutoConfig (DOT3SVC) serv
WinHTTP Web Proxy Auto-D...	WinHTTP implements the client HTTP s
Windows Update Medic Ser...	Enables remediation and protection of
Windows Update	Enables the detection, download, and
Windows Time	Maintains date and time synchronizat
Windows Search	Provides content indexing, property ca
Windows Remote Managem...	Windows Remote Management (WinR

The image shows a screenshot of the Windows Server Manager application. The window title is "Server Manager". The main header area contains the word "Dashboard" and navigation icons. Below this is a "WELCOME TO SERVER MANAGER" section with a "QUICK START" sidebar on the left and a central list of steps. The "Manage" menu is open, showing options like "Add Roles and Features", "Remove Roles and Features", "Add Servers", "Create Server Group", and "Server Manager Properties". The "Add Roles and Features" option is highlighted with a red box. At the bottom, there is a "ROLES AND SERVER GROUPS" summary section.

Server Manager

Dashboard

Manage Tools View Help

WELCOME TO SERVER MANAGER

QUICK START

WHAT'S NEW

LEARN MORE

1 Configure this local server

2 Add roles and features

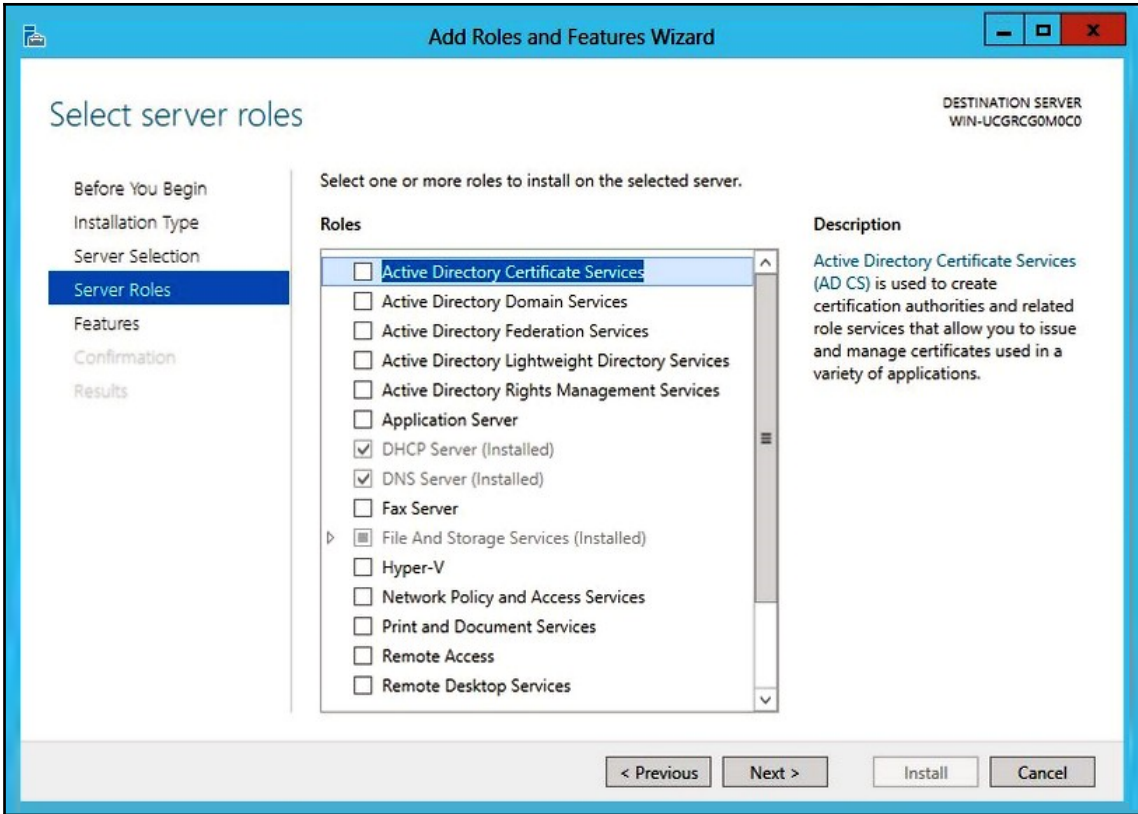
3 Add other servers to manage

4 Create a server group

Hide

ROLES AND SERVER GROUPS

Roles: 3 | Server groups: 1 | Servers total: 1



Add Roles and Features Wizard

DESTINATION SERVER

Installation progress


- Before You Begin
- Installation Type
- Server Selection
- Server Roles
- Features
- Confirmation
- Results**

View installation progress

✕ Feature installation

Feature Administration Tools

- SMTP Server Tools
- SMTP Server
- Web Server (IIS)
- Management Tools
 - IIS 6 Management Compatibility
 - IIS 6 Management Console
 - IIS 6 Metabase Compatibility
- Web Server
 - Health and Diagnostics
 - ODBC Logging

 You can close this wizard without interrupting running tasks. View task progress or open this page again by clicking Notifications in the command bar, and then Task Details.

Export configuration settings

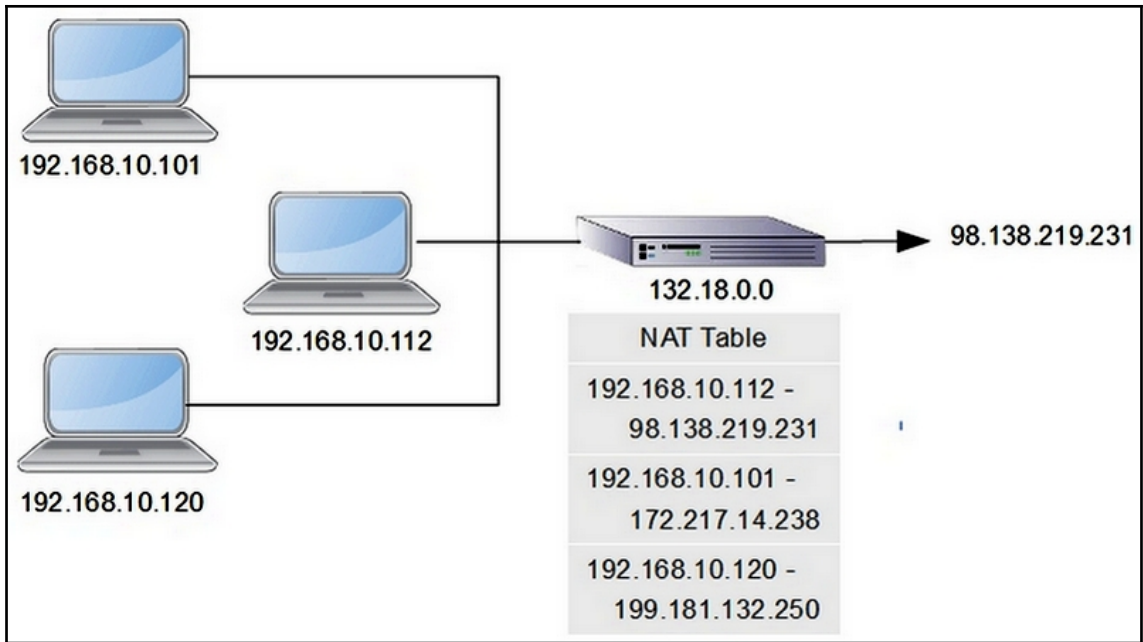
< Previous Next > Close Cancel

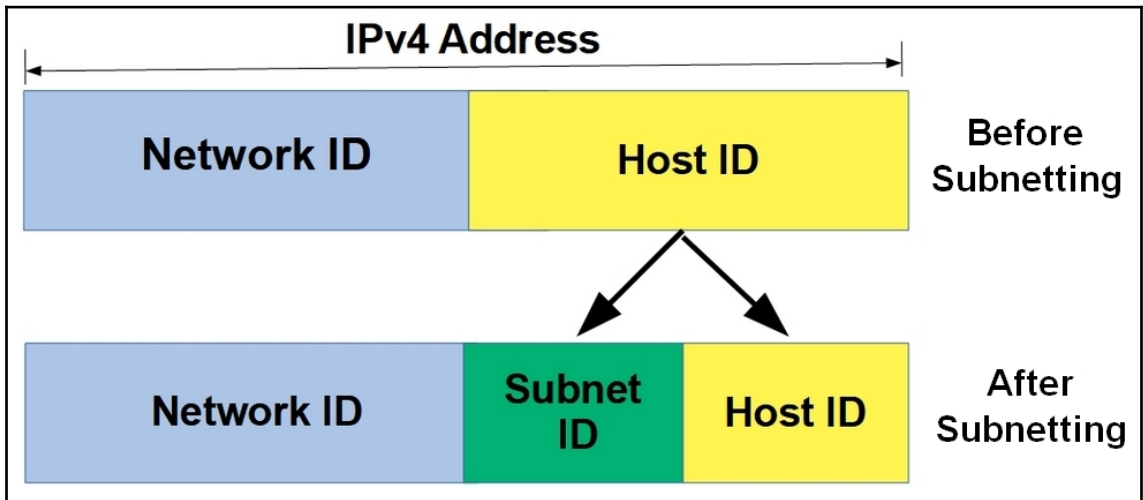
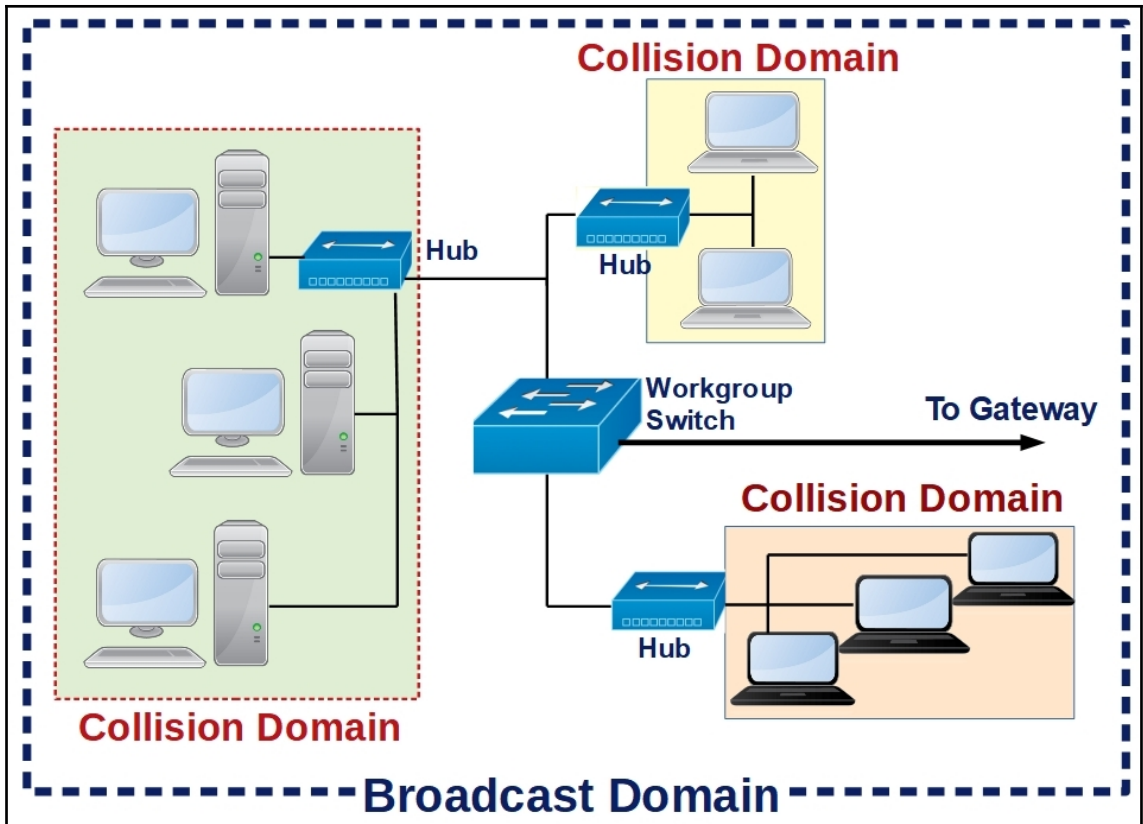
Chapter 5: Addressing

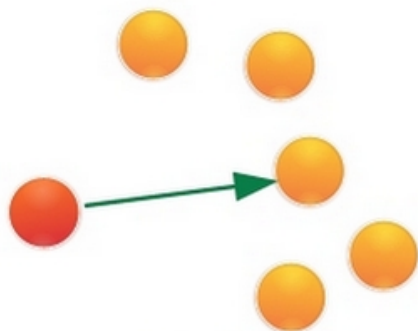
10 = 0000**1010**

255 = 1111**1111**

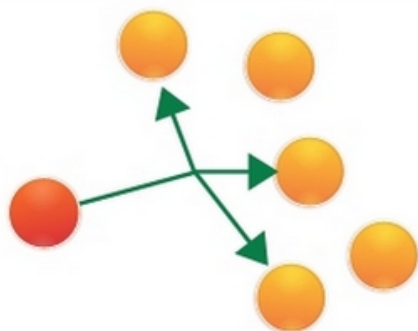
10 = 0000**1010**



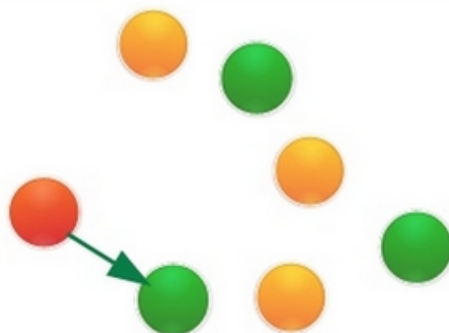




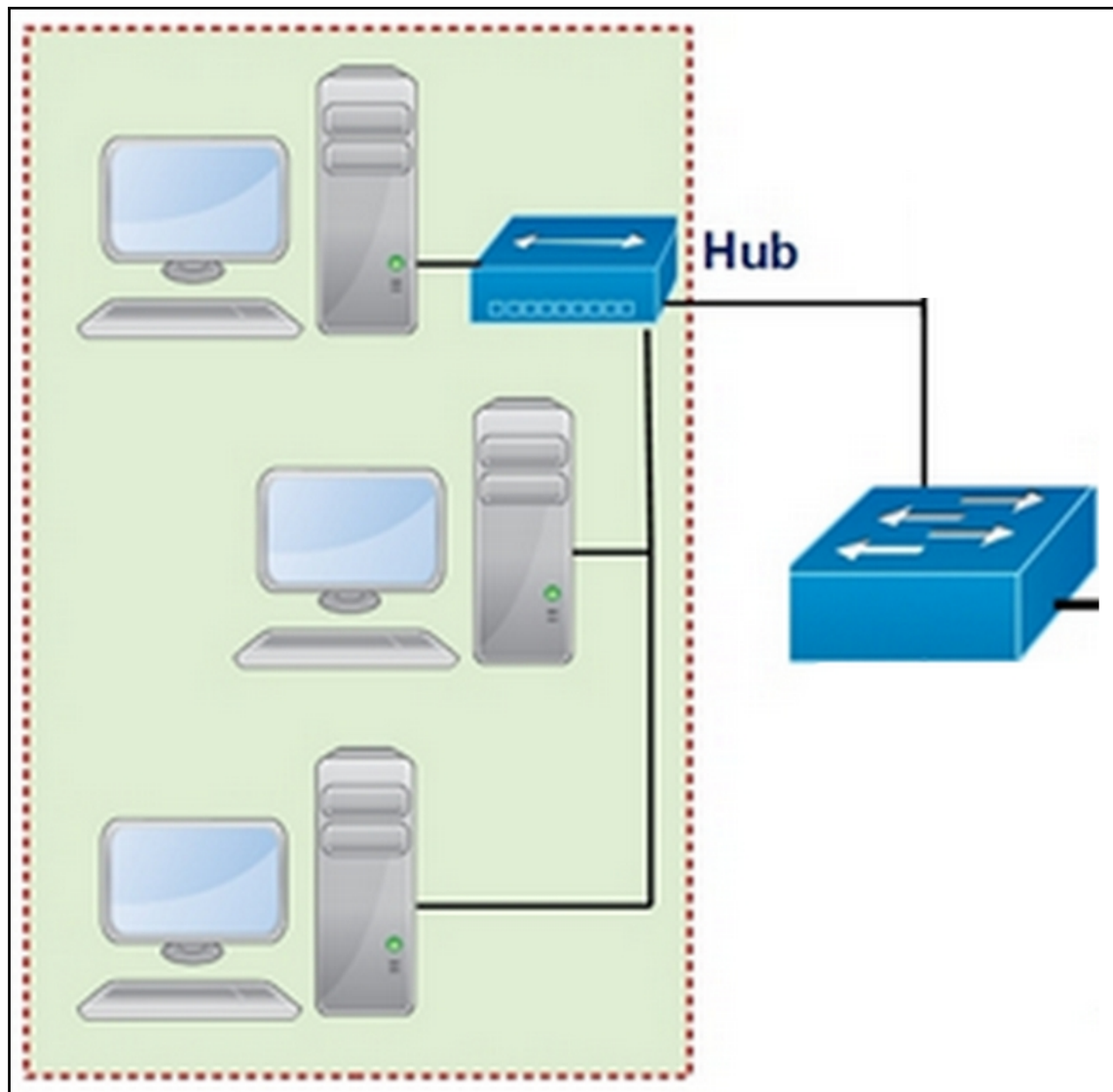
Unicast



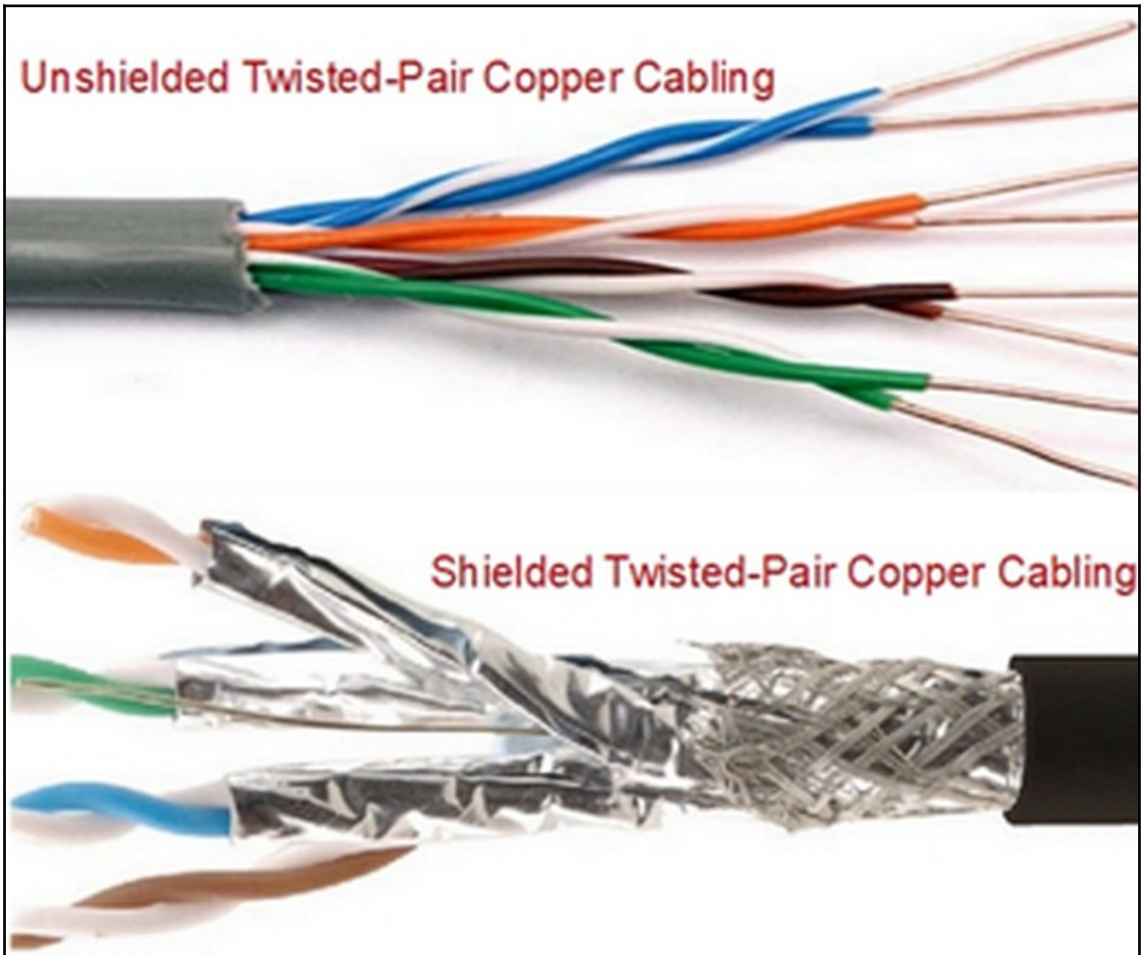
Multicast

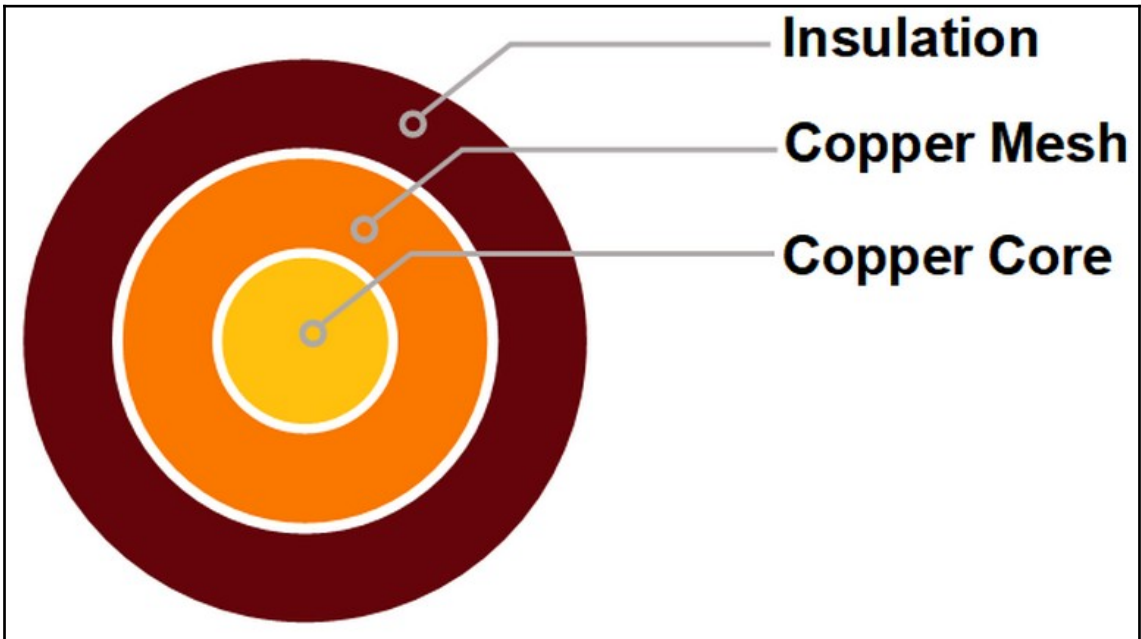
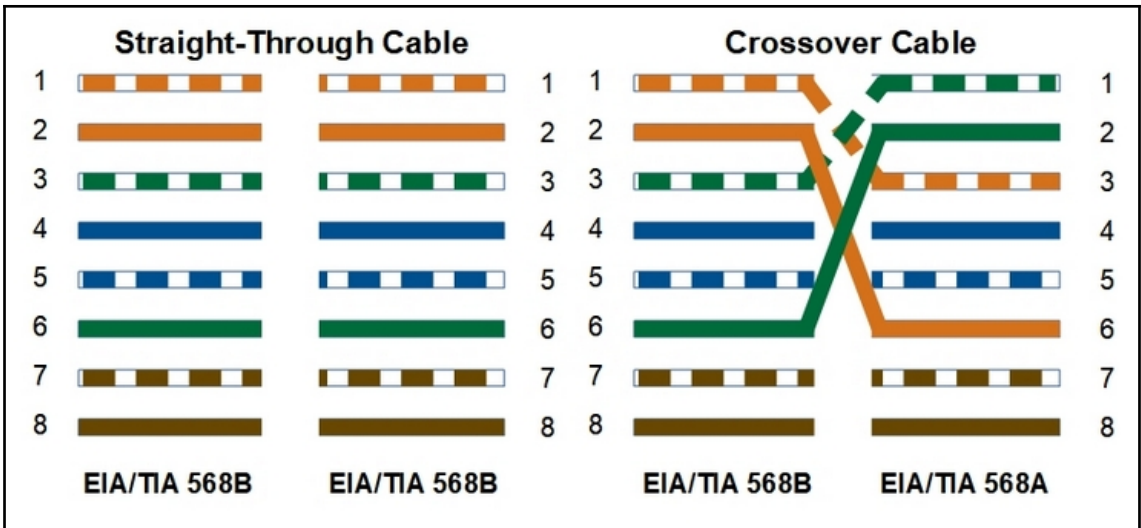


Anycast



Chapter 6: Cabling





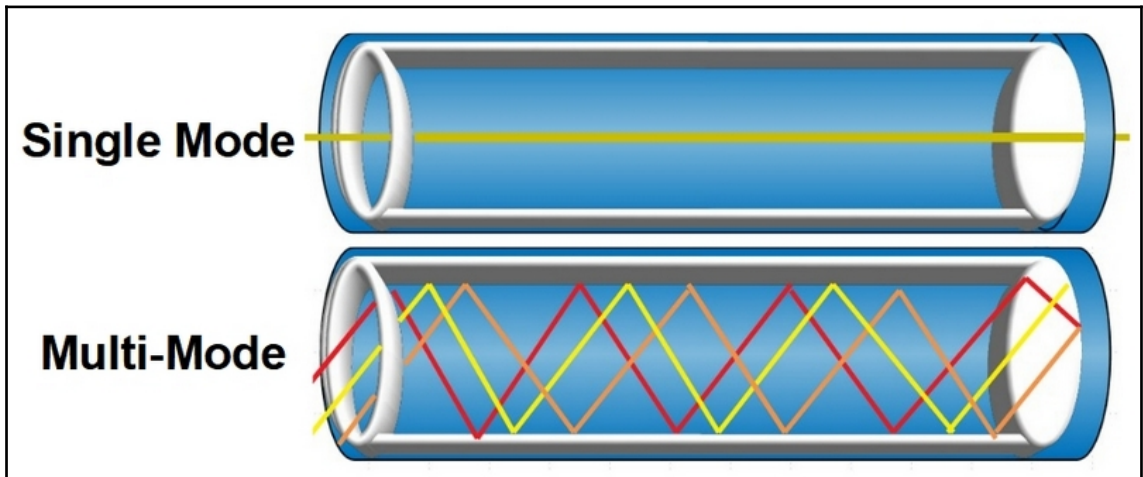
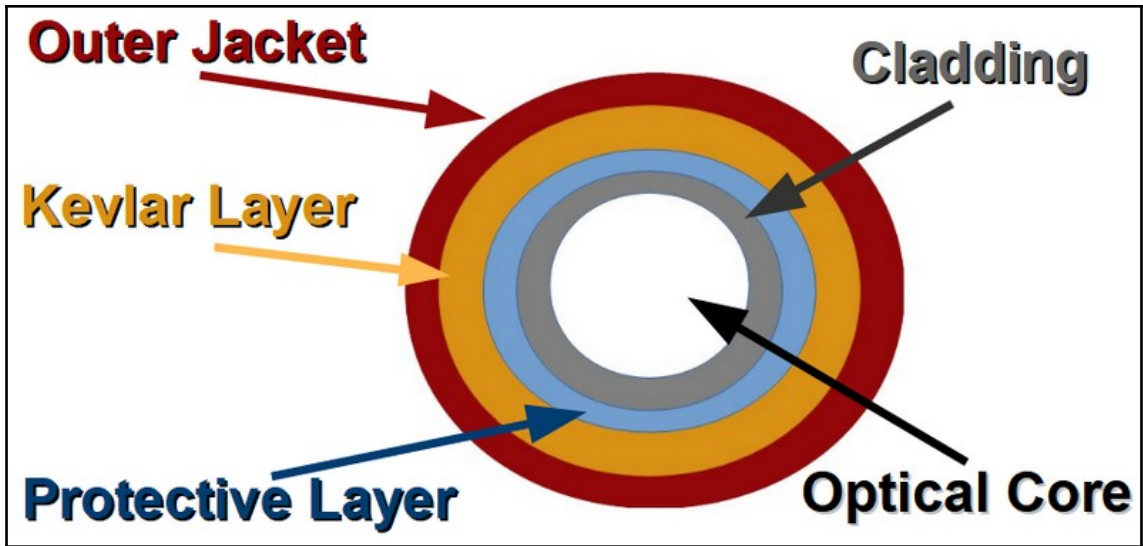


BNC



F-type







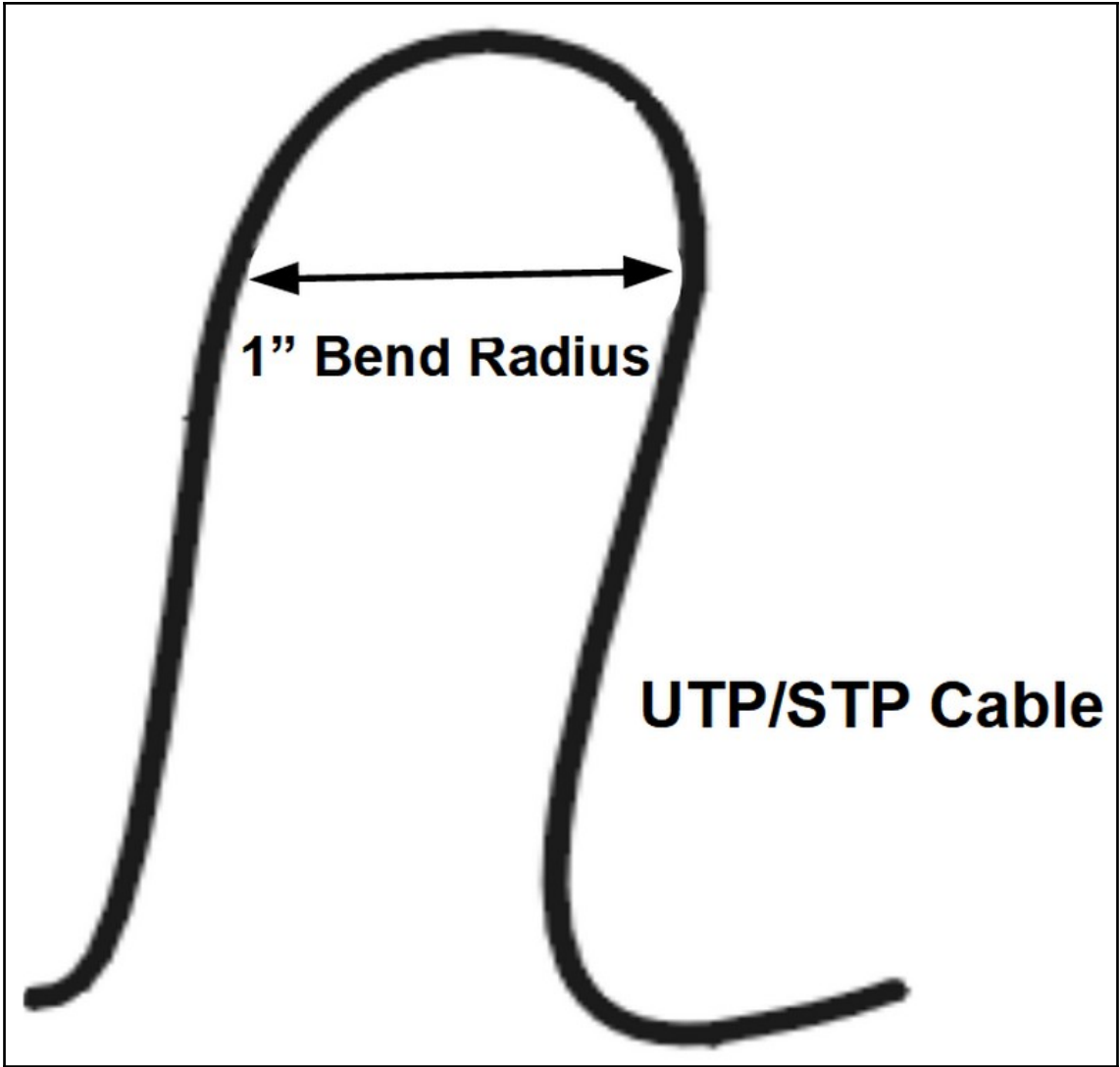
SC Single Mode Fiber Optic Cable



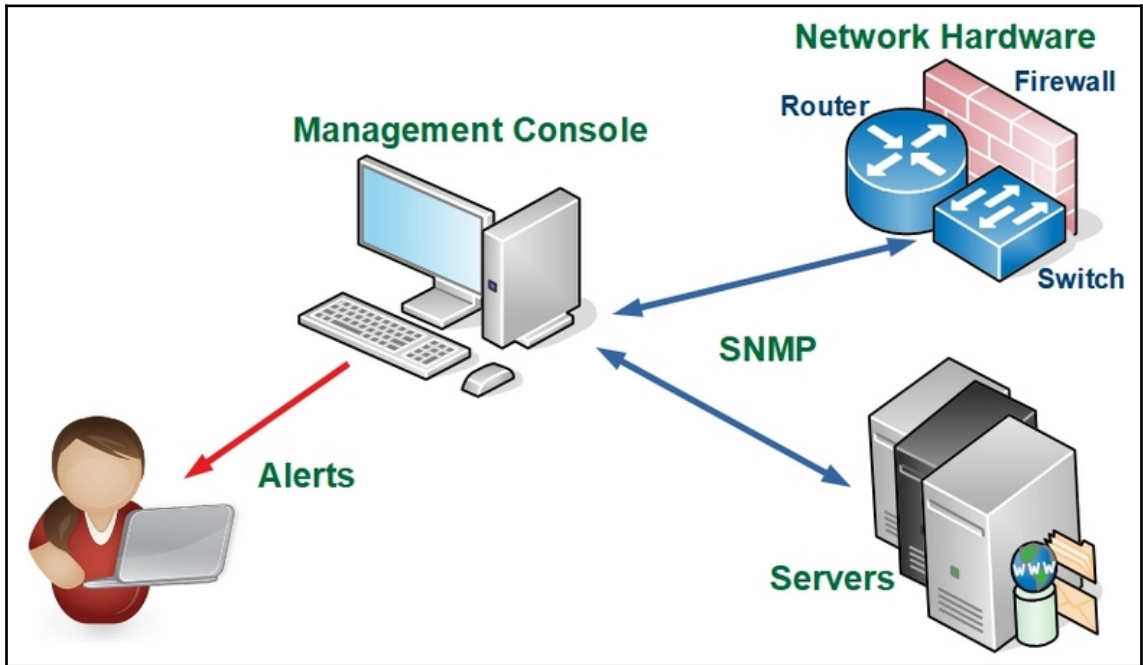
LC Single Mode Fiber Optic Cable



ST Single Mode Fiber Optic Cable



Chapter 7: Server Administration







Remote Desktop Connection



Remote Desktop Connection

Computer: SEA_Admin

User name: None specified

The remote computer name is not valid. Enter a valid remote computer name.

Options

Connect

Help

Help

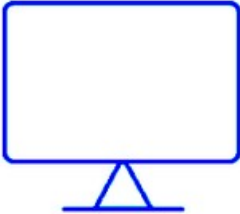
VNC Server address or search

Address book

Ron's Team (Home)

ve 192.168.0.1 - Properties

General Options Expert



VNC Server: 192.168.0.1

Name: Friendly identifier

Labels

To nest labels, separate names with a forward slash (/)

Enter a label name, or press Down to apply existing labels

Security

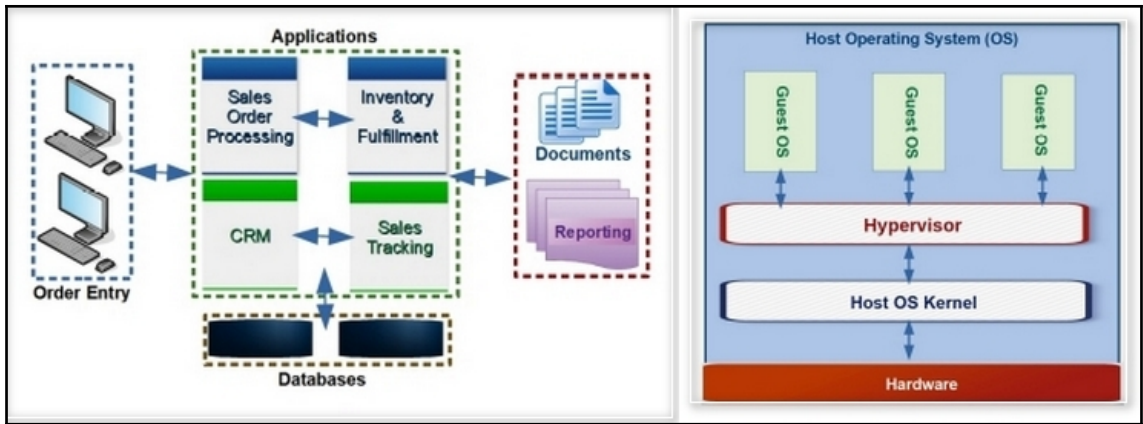
Encryption: Let VNC Server choose

- Authenticate using single sign-on (SSO) if possible
- Authenticate using a smartcard or certificate store if possible

Privacy

- Update desktop preview automatically

OK Cancel



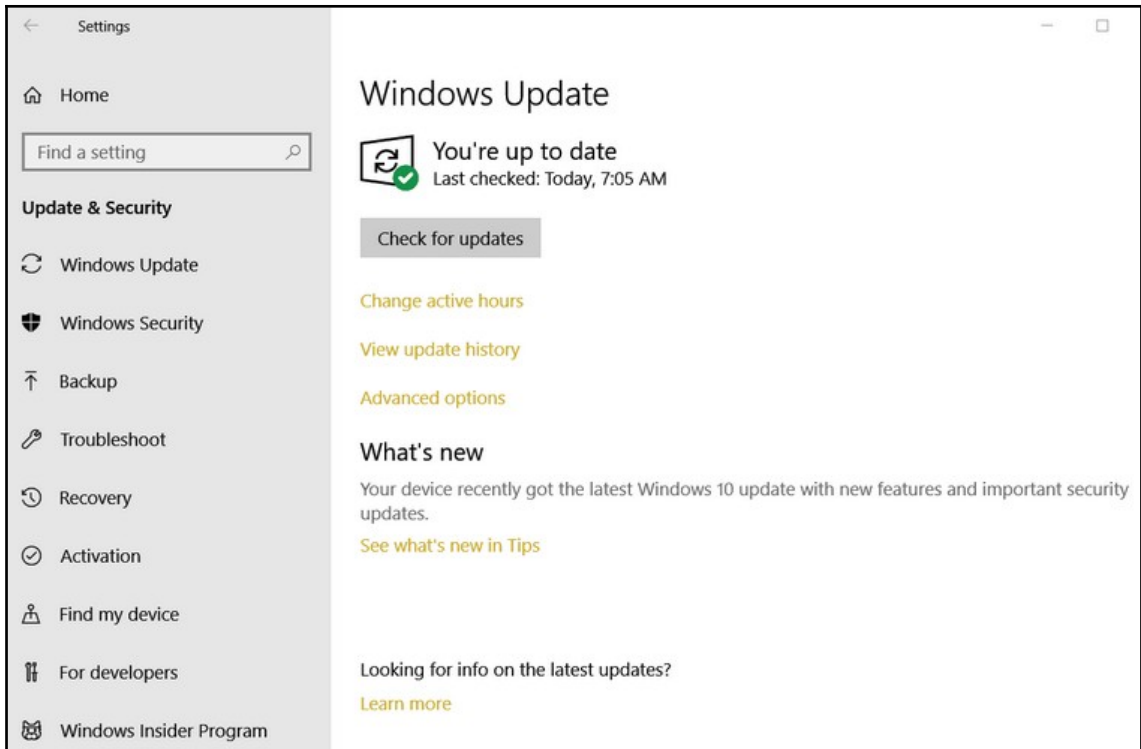
Chapter 8: Server Maintenance

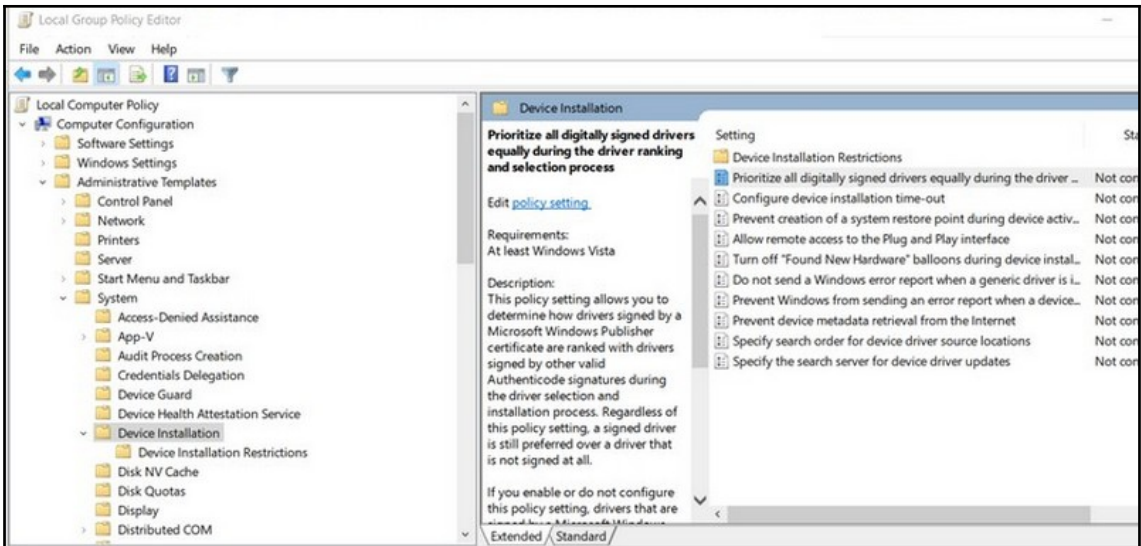
Filter by Name

Approve ▾ Reject ▾

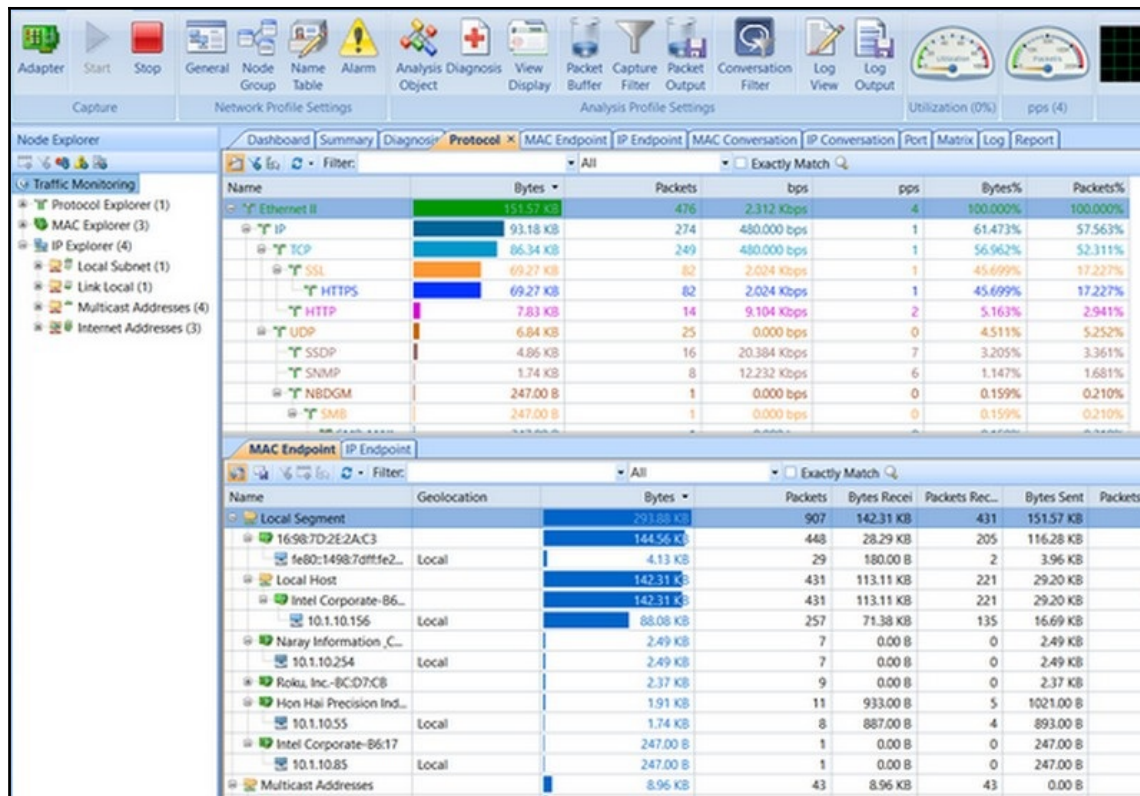
Patch ▾

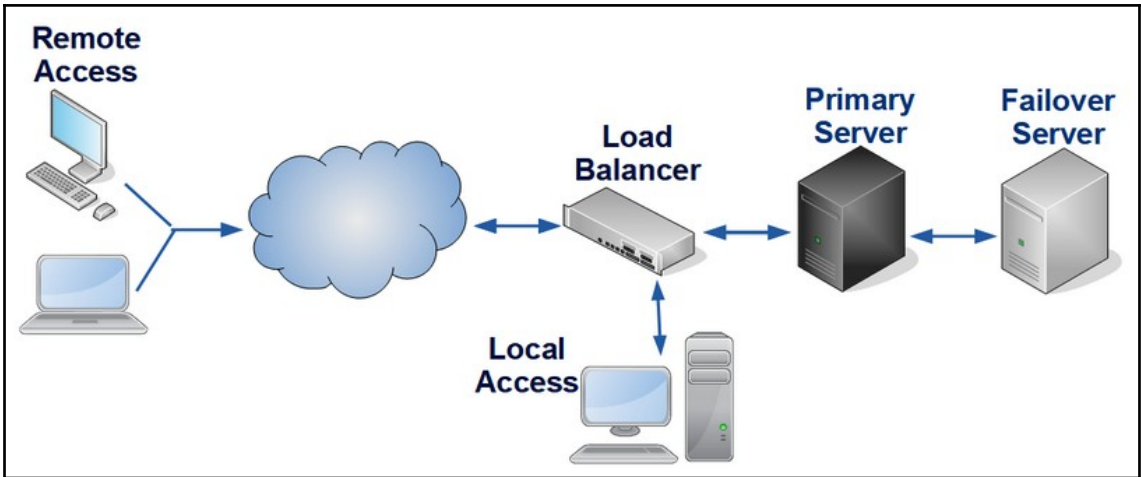
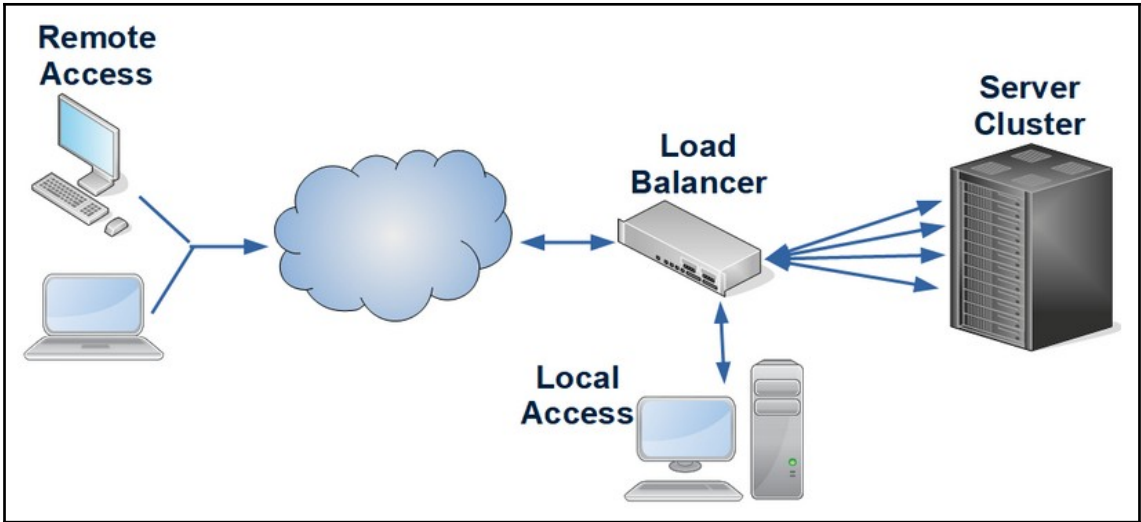
- 2018-04 Cumulative Update for Windows 10 Version 1709 for x86-based Systems (KB4093112)
[KB4093112](#)
- 2018-05 Cumulative Update for Windows 10 Version 1709 for x64-based Systems (KB4103727)
[KB4103727](#)
- 2018-05 Preview of Monthly Quality Rollup for Windows 7 for x86-based Systems (KB4103713)
[KB4103713](#)
- Arabic Language Pack - Windows 7 Service Pack 1 (KB2483139)
[KB2483139](#)
- Bulgarian Language Pack - Windows 7 Service Pack 1 (KB2483139)
[KB2483139](#)
- Chinese (Simplified) Language Pack - Windows 7 Service Pack 1 (KB2483139)
[KB2483139](#)



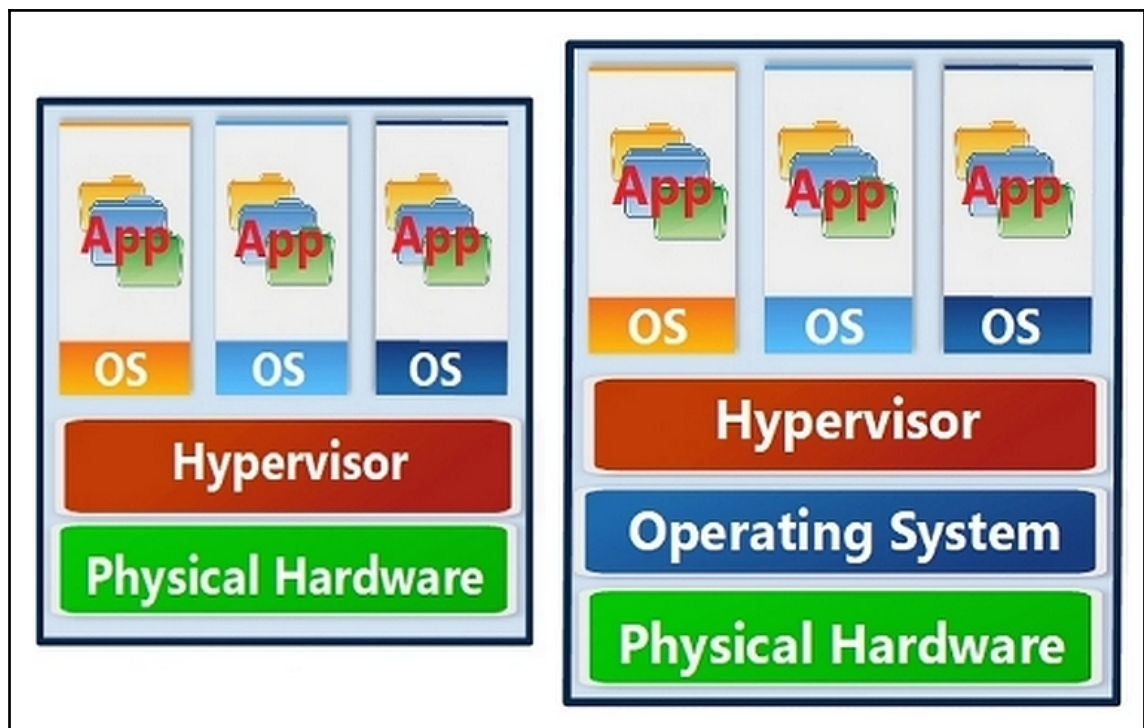
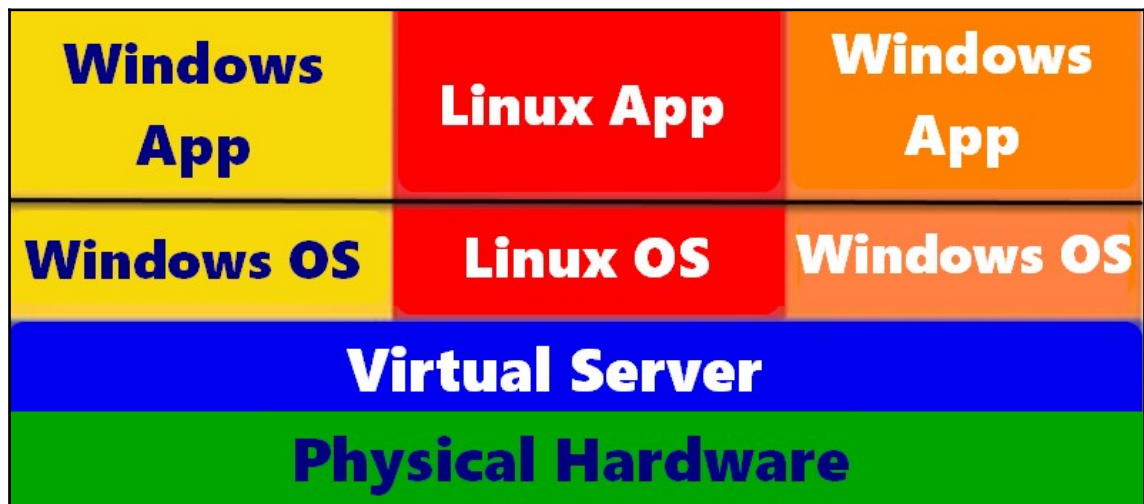


Open Hardware Monitor		
File View Options Help		
Sensor	Value	Max
DESKTOP-0R4TO3U		
0692		
Intel Core i7-5500U		
Clocks		
Bus Speed	100 MHz	100 MHz
CPU Core #1	2394 MHz	2893 MHz
CPU Core #2	2394 MHz	2694 MHz
Temperatures		
CPU Core #1	34.0 °C	45.0 °C
CPU Core #2	34.0 °C	46.0 °C
CPU Package	36.0 °C	46.0 °C
Load		
CPU Total	5.1 %	26.6 %
CPU Core #1	5.5 %	31.3 %
CPU Core #2	4.7 %	24.2 %
Powers		
CPU Package	1.6 W	7.6 W
CPU Cores	0.9 W	5.8 W
CPU Graphics	0.0 W	0.1 W
CPU DRAM	0.8 W	1.1 W
Generic Memory		
Load		
Memory	40.6 %	41.6 %
Data		
Used Memory	3.2 GB	3.3 GB
Available Memory	4.7 GB	4.7 GB
HGST HTS541010A9E680		
Temperatures		
Temperature	30.0 °C	30.0 °C
Load		
Used Space	58.0 %	58.0 %

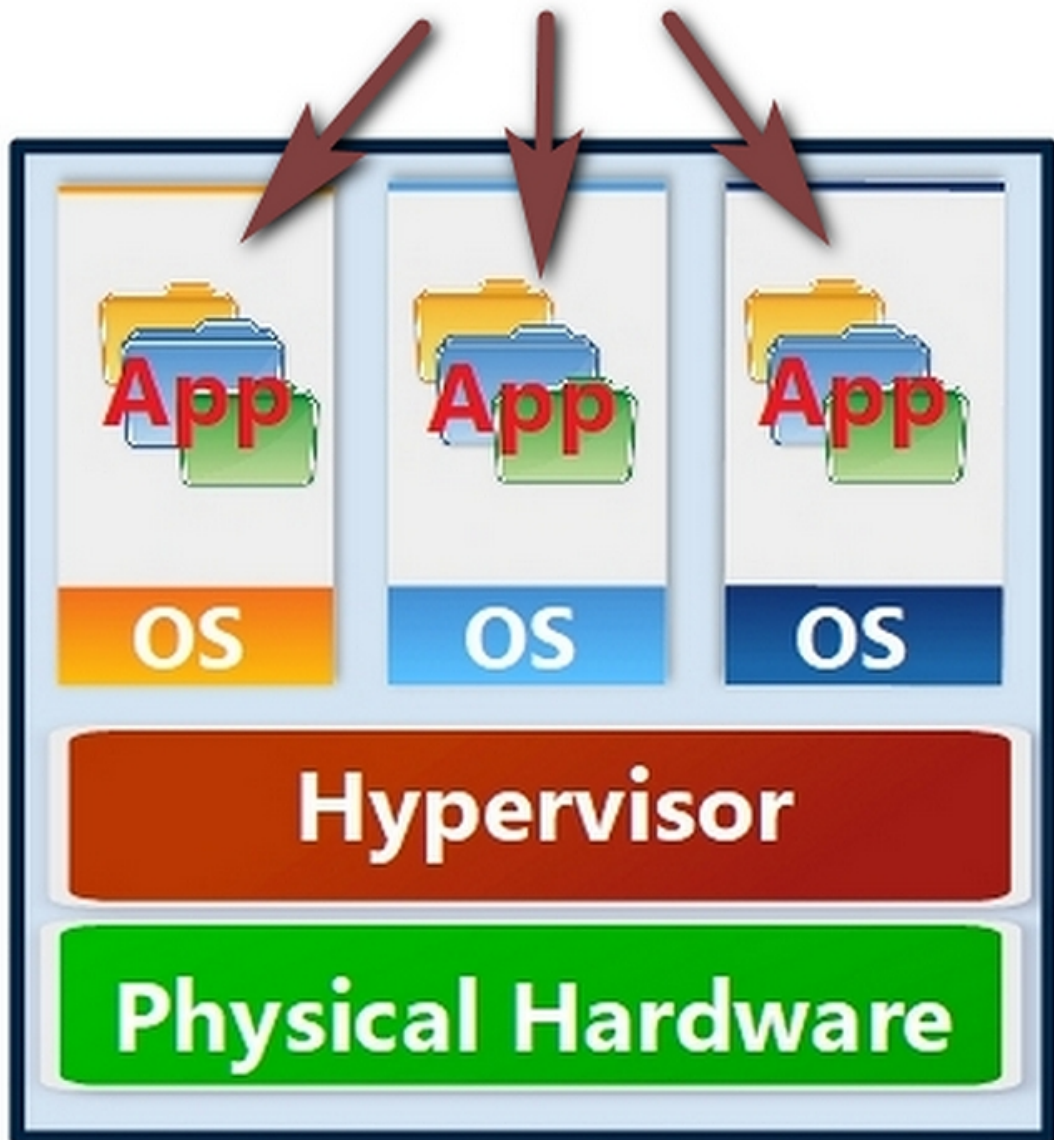




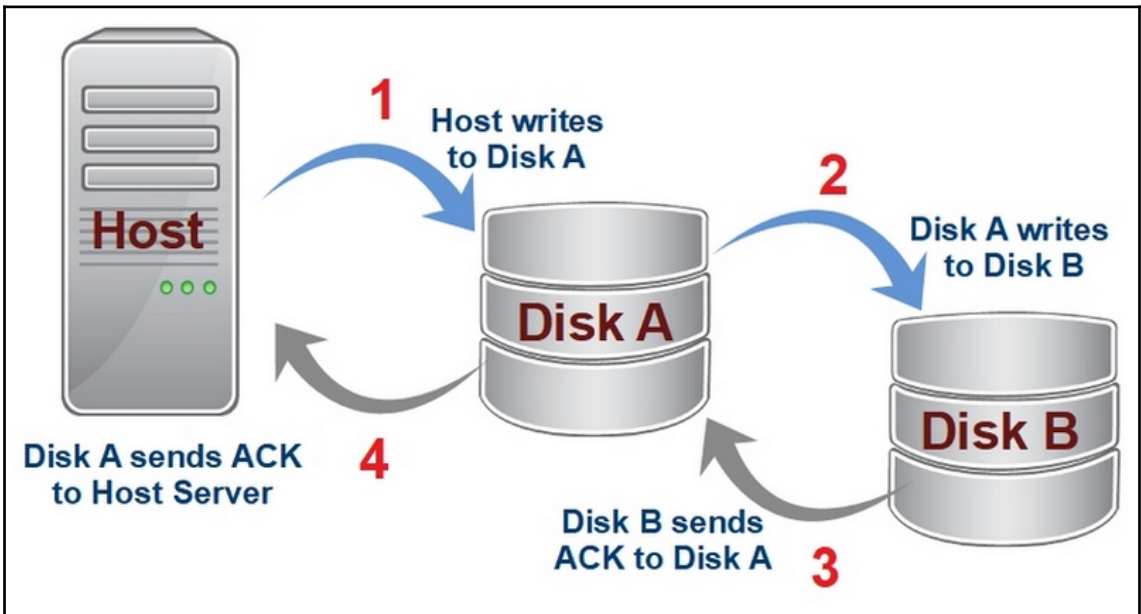
Chapter 9: Virtualization

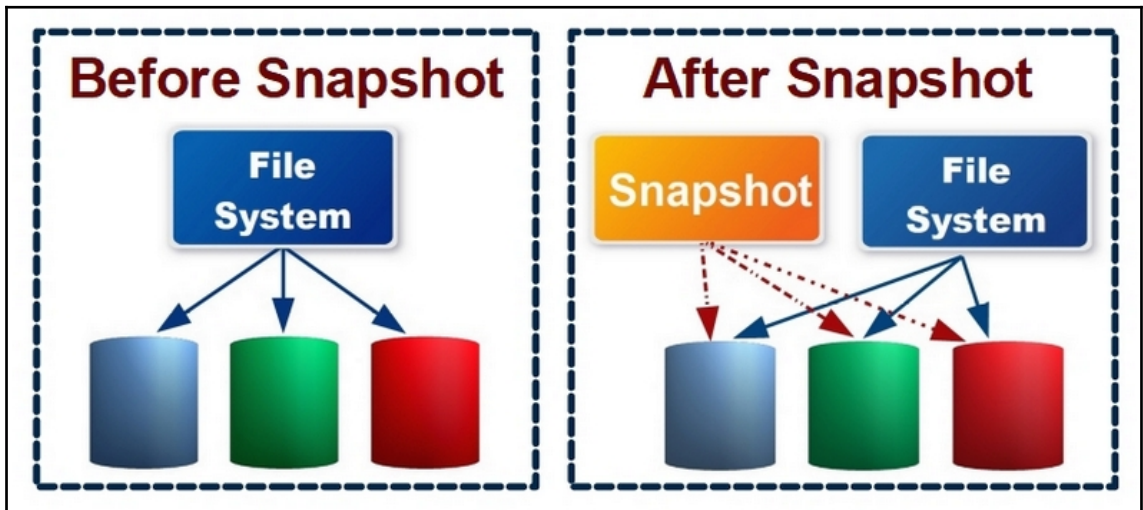
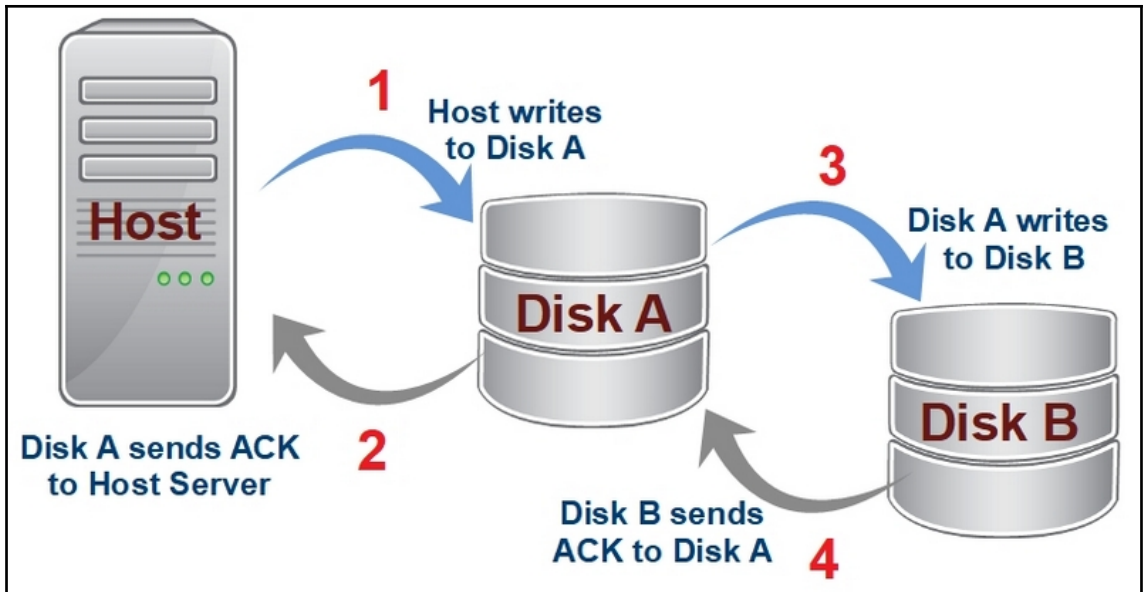


Virtual Machines

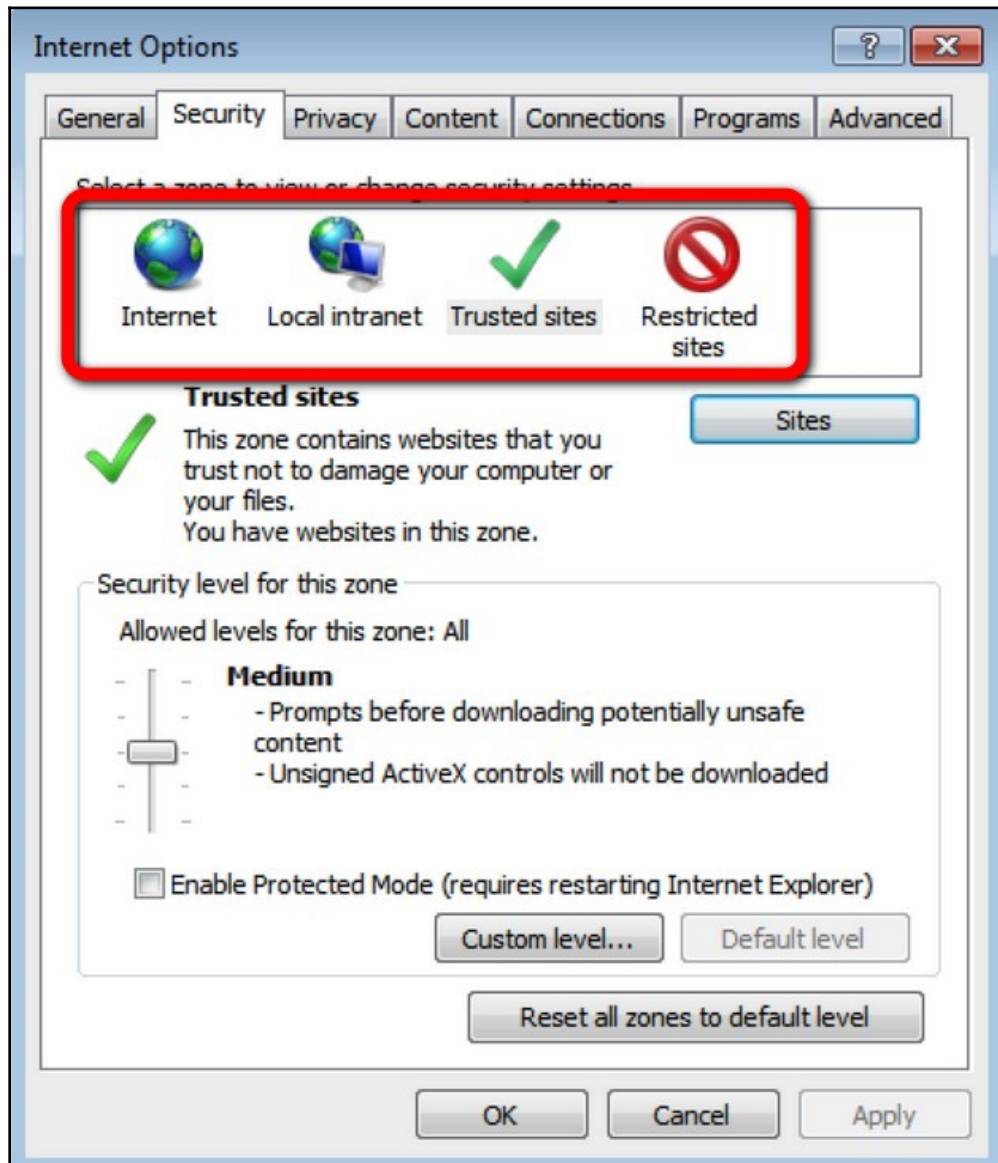


Chapter 10: Disaster Recovery

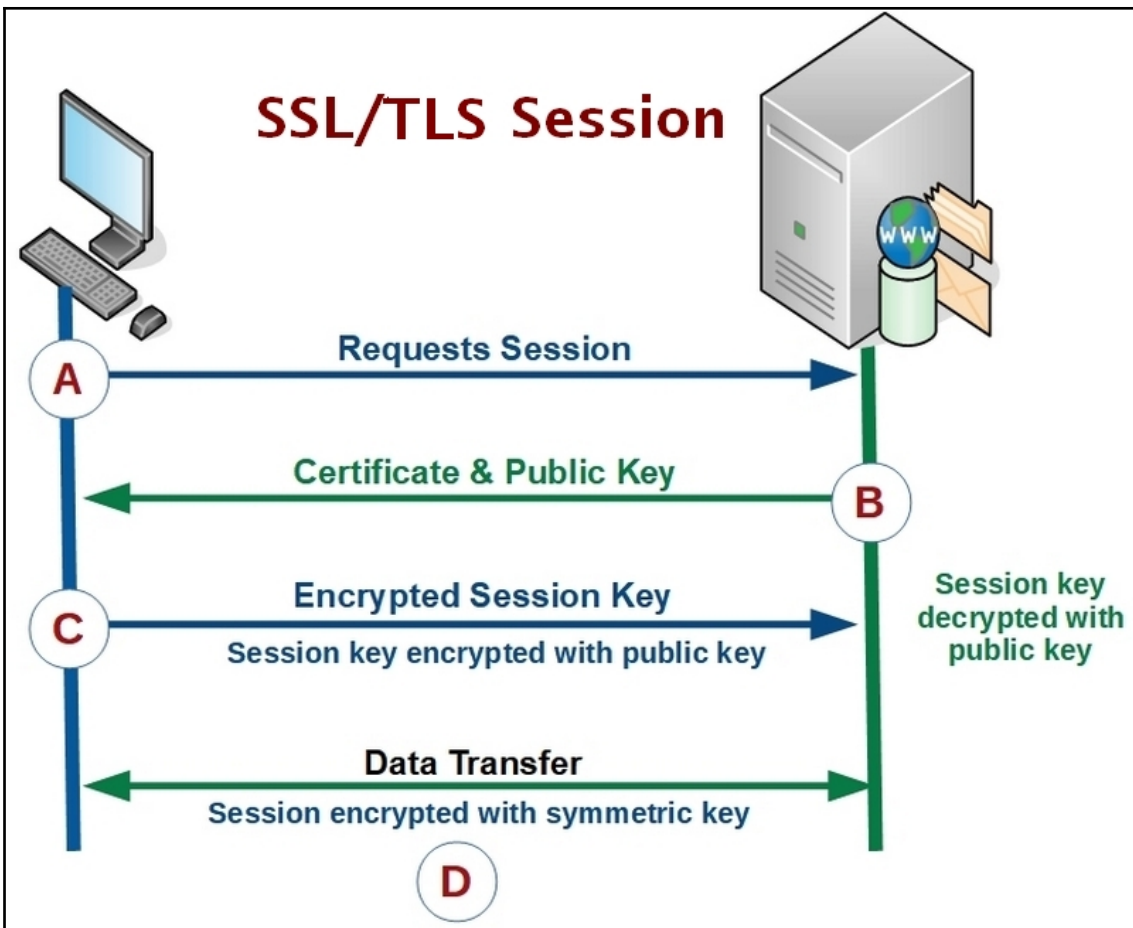


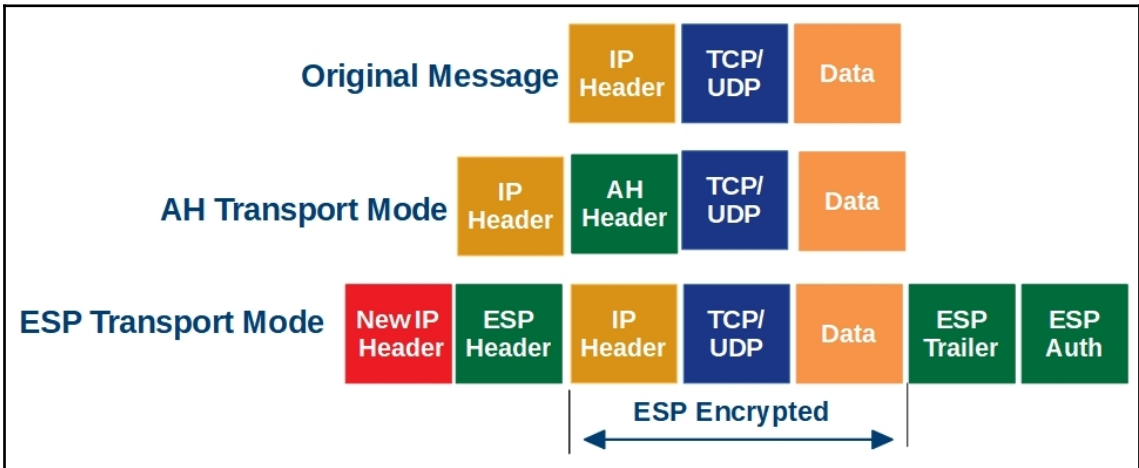
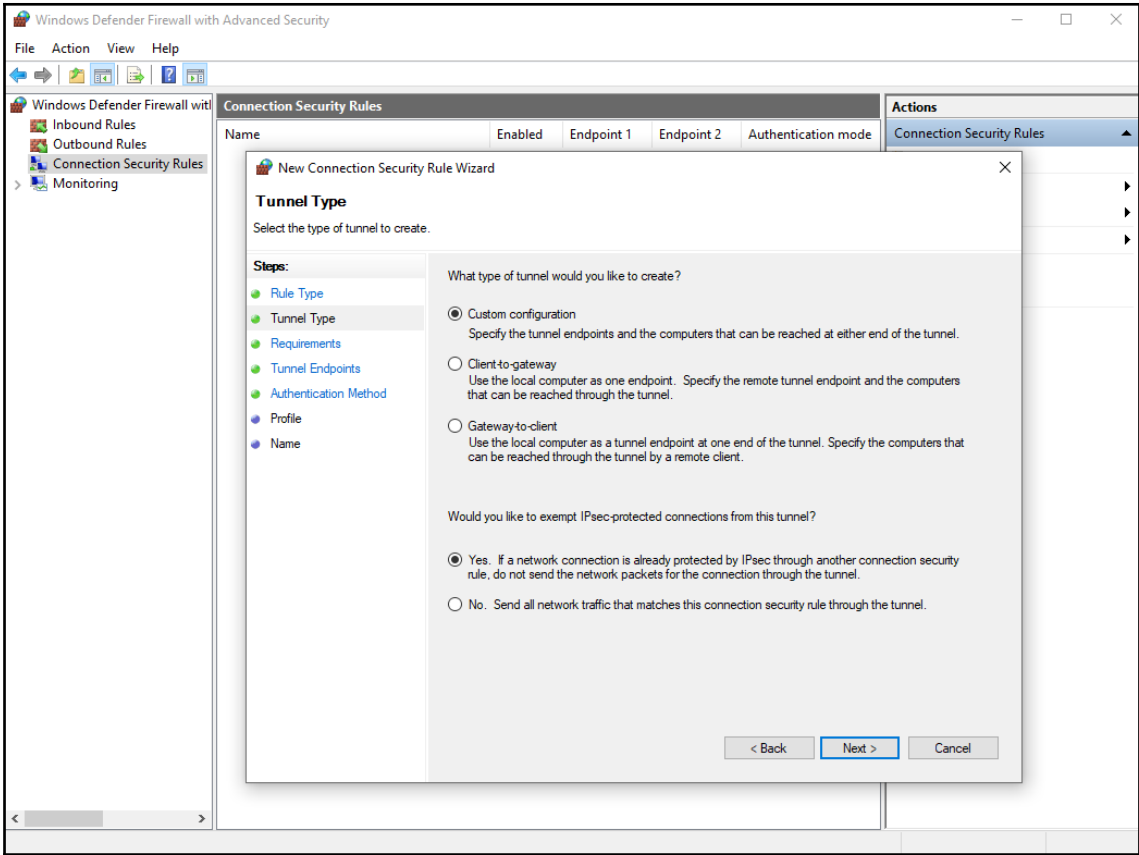


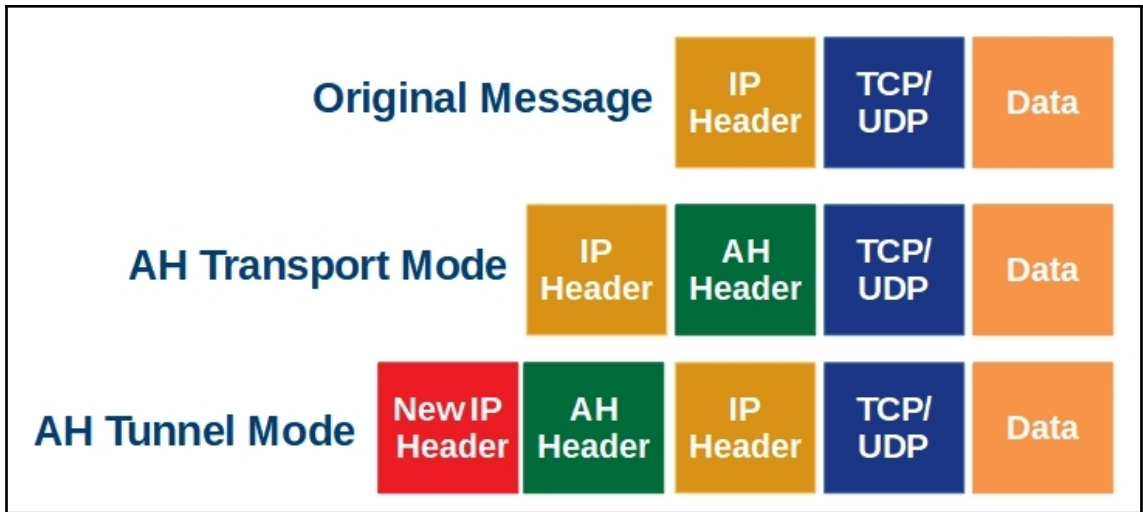
Chapter 11: Security Systems and Protocols

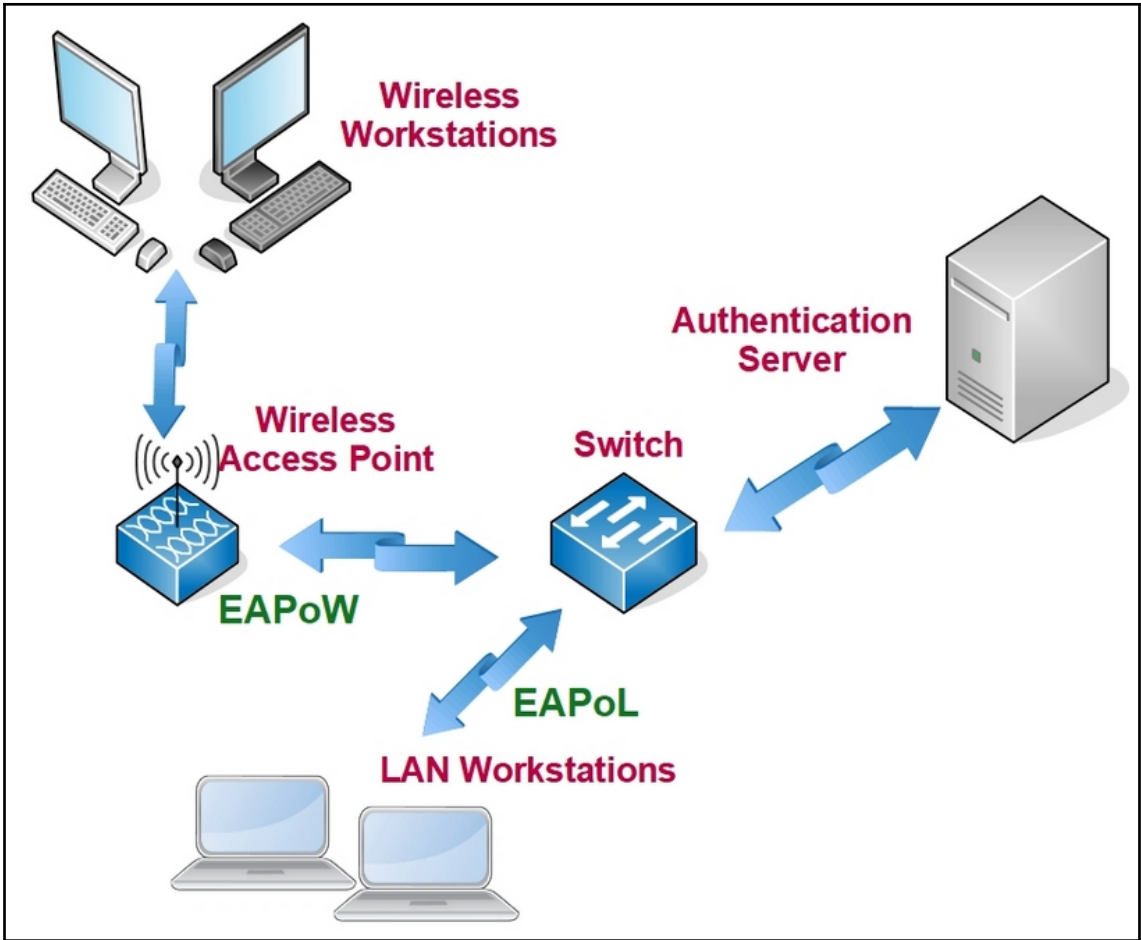


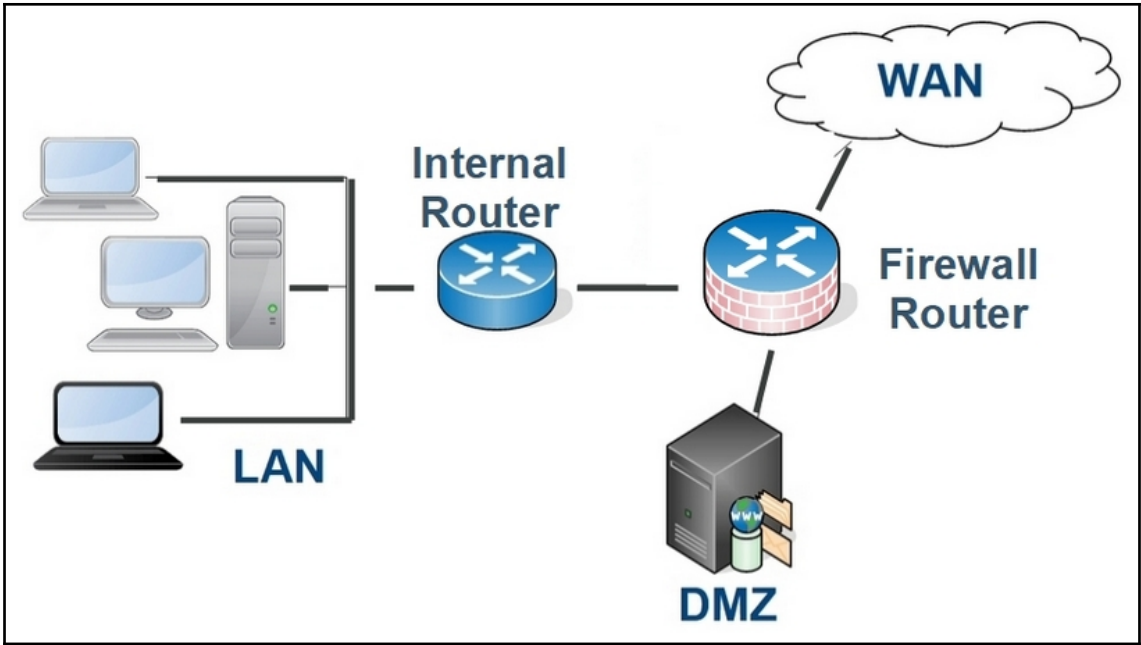
SSL/TLS Session

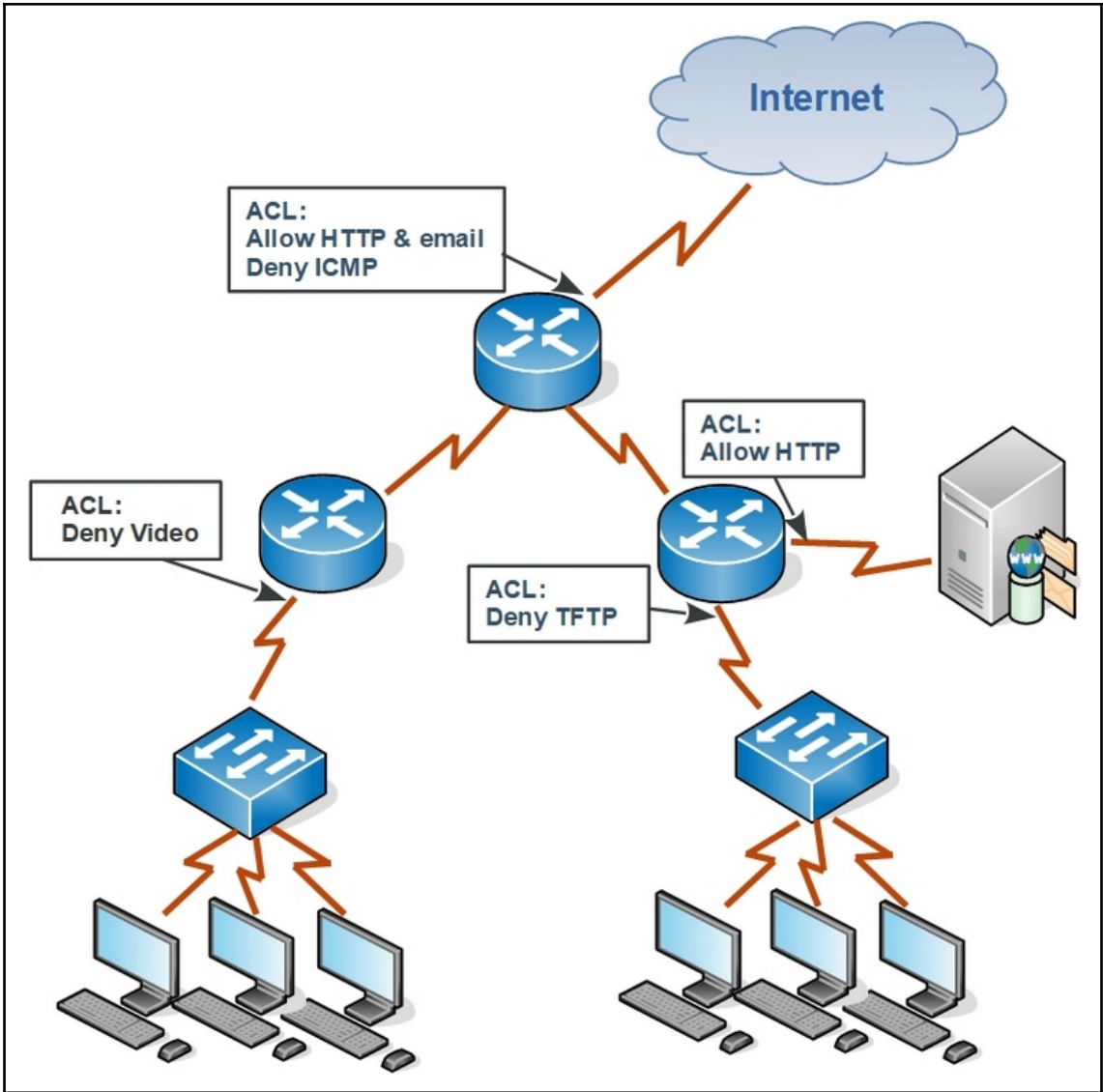




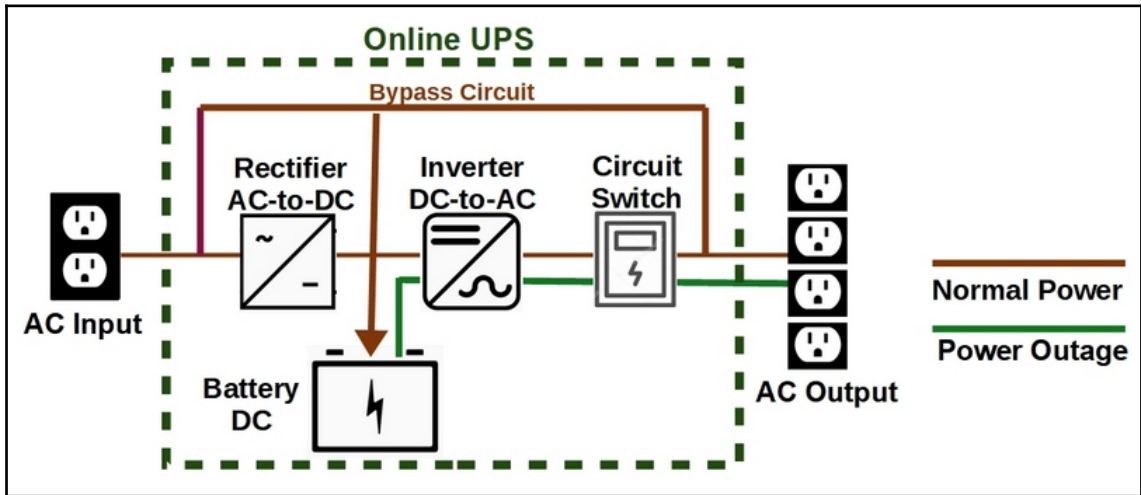






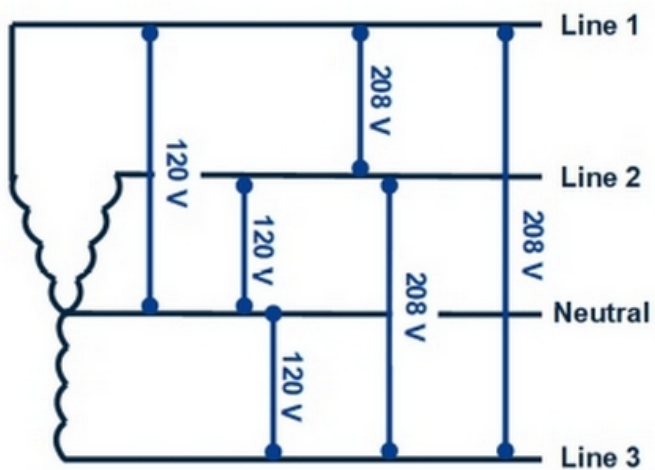


Chapter 12: Physical Security and Environmental Controls



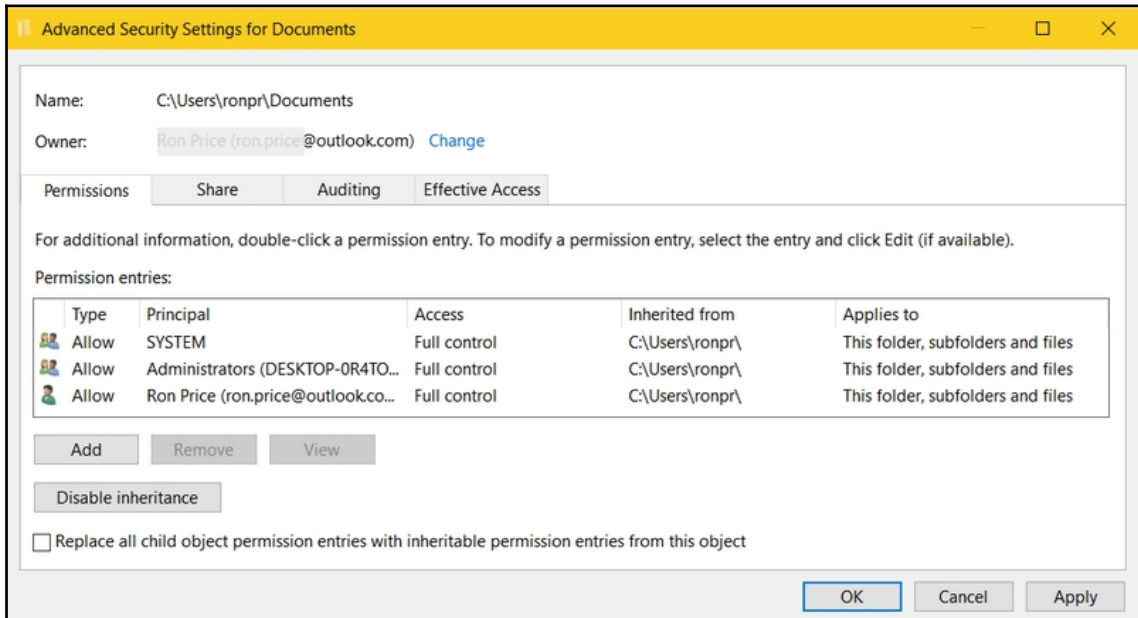


Single-Phase



Three-Phase

Chapter 13: Logical Security

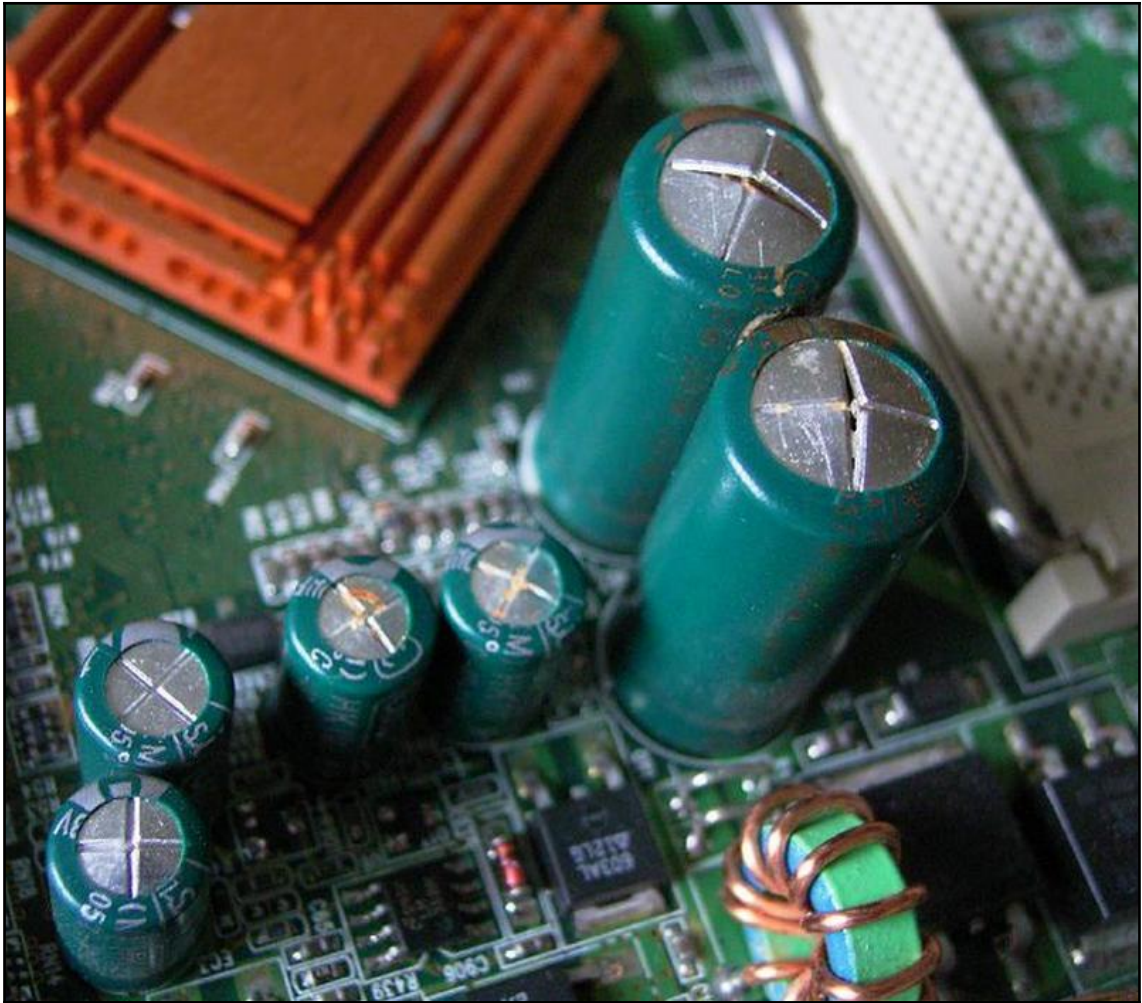


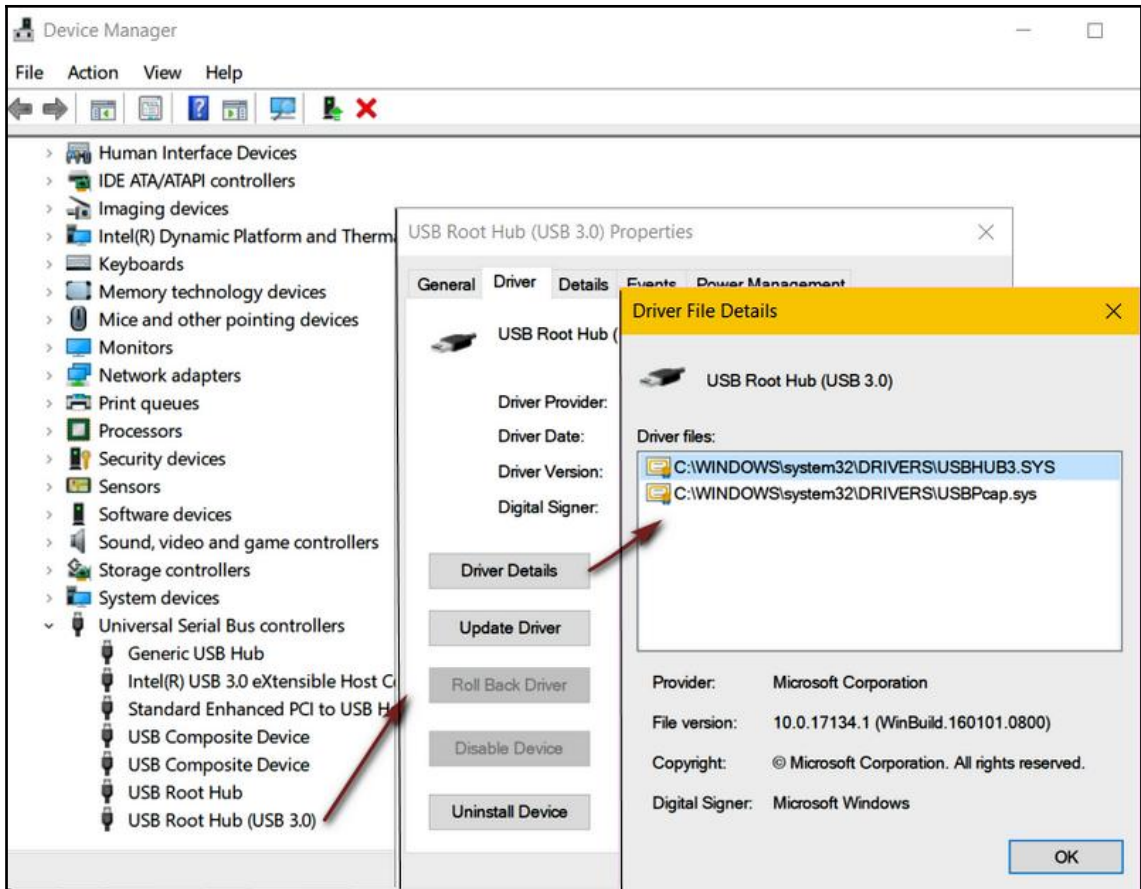
```
# getfacl /usr
getfacl: Removing leading '/' from absolute path names
# file: usr
# owner: root
# group: root
user::rwx
group::r-x
other::r-x
..
```

Chapter 15: Common Hardware Issues

The image displays three windows from hardware monitoring software:

- Core Temp 1.13:** Shows processor information for an Intel Core i7 5500U (Broadwell-U) on a Socket 1168 (BGA1168) platform. The frequency is 2394.46MHz (99.77 x 24.0). It also displays temperature readings for Processor #0, including power (2.2W, 1.4W, <0.1W, 0.8W, 0.9W) and temperatures (33°C, 31°C, 54°C, 3%) for Core #0 and Core #1.
- CPUID HWMonitor:** Shows a table of voltages and temperatures for the Intel Core i7 5500U. The voltage table includes IA Offset, GT Offset, LLC/Ring Offset, System Agent Offset, VID #0, and VID #1. The temperature table includes Package, Core #0, and Core #1 temperatures in both Celsius and Fahrenheit.
- Open Hardware Monitor:** Shows a table of clocks, temperatures, and load for the Intel Core i7-5500U. The clock table includes Bus Speed, CPU Core #1, and CPU Core #2. The temperature table includes CPU Core #1, CPU Core #2, and CPU Package. The load table includes CPU Total load.





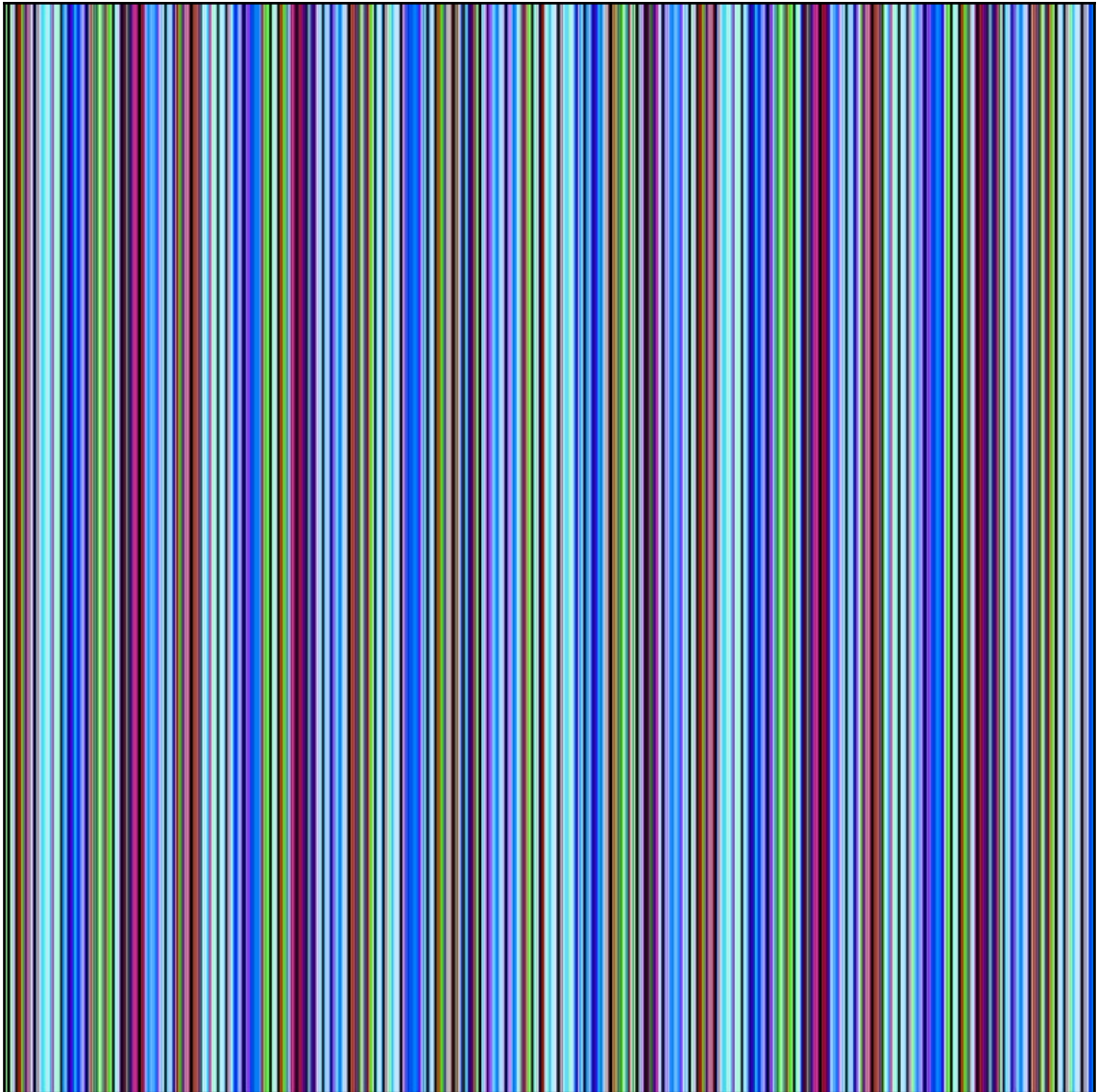
SMART Hard Disk Error

The SMART hard disk check has detected an imminent failure. To ensure no data loss, please backup the content immediately and run the Hard Disk Test in System Diagnostics.

Hard Disk 1 (301)

F2 System Diagnostics

ENTER - Continue Startup





VIEW YOUR
System Build



VIEW THE
Build Guides



SEE ALL
Completed Builds



BROWSE BY
Individual Parts

Current Part List

Permalink:

Markup:



[bb]

</>

T

⚠ Warning: These parts have potential issues/incompatibilities. (See details.)

Component

Selection

CPU



Intel - Core i7-8700K 3.7 GHz 6-Core OEM/Tray Processor

CPU Cooler

[Choose A CPU Cooler](#)

Motherboard



Asus - ROG MAXIMUS XI HERO (WI-FI) ATX LGA1151
Motherboard

Motherboard



Asus - ROG MAXIMUS XI HERO (WI-FI) ATX LGA1151
Motherboard

Chapter 16: Common Software Issues



Your PC ran into a problem and needs to restart. We're just collecting some error info, and then we'll restart for you. (0% complete)

We can't sign into your account

We can't sign into your account

This problem can often be fixed by signing out of your account and then signing back in. If you don't sign out now, any files you create or changes you make will be lost.

[Sign out](#)

[Dismiss](#)



Windows Memory Diagnostic



Check your computer for memory problems

Memory problems can cause your computer to lose information or stop working.

→ Restart now and check for problems
(recommended)

Save your work and close any open programs before restarting.

→ Check for problems the next time I start my computer

Cancel

Choose when to be notified about changes to your computer

User Account Control helps prevent potentially harmful programs from making changes to your computer.

[Tell me more about User Account Control settings](#)

Always notify

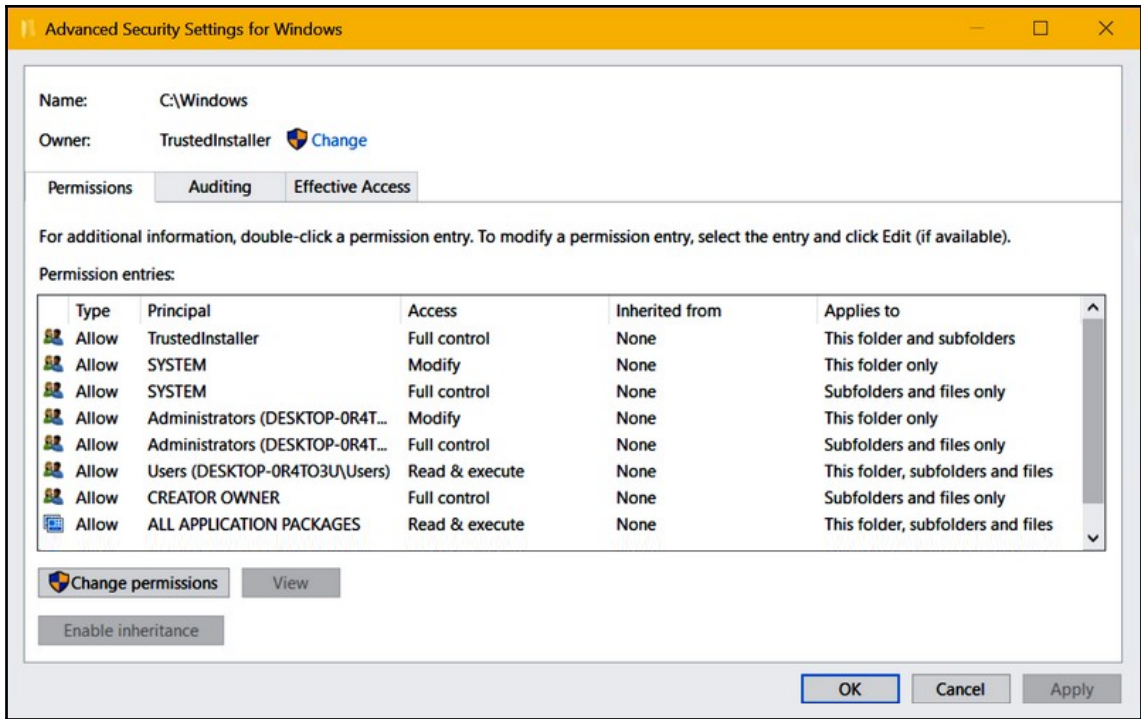


Never notify

Always notify me when:

- Apps try to install software or make changes to my computer
- I make changes to Windows settings

i Recommended if you routinely install new software and visit unfamiliar websites.



```

-rw-rw-r-- 1 rprice rprice 40 Feb 2 13:00 all
dr-xr-xr-x 1 rprice rprice 4096 Feb 2 11:13 apps
-rwxrwxr-x 1 rprice rprice 40 Feb 2 13:00 game1
-rwxrwxr-x 1 rprice rprice 40 Feb 2 13:00 game2
drwxr--r-- 1 rprice rprice 4096 Feb 2 11:32 games
drwxr-xr-x 1 rprice rprice 4096 Feb 2 11:13 misc
-r-xr-xr-x 1 rprice rprice 40 Feb 2 13:00 newgame
-r--r--r-- 1 rprice rprice 40 Feb 2 13:00 oldgame
-rwxrwxr-x 1 rprice rprice 40 Feb 2 13:00 puzzle
drwxr--r-- 1 rprice root 4096 Feb 2 11:13 usr
drwxrwxrwx 1 rprice rprice 4096 Feb 2 11:13 utt

```

```
Select Administrator: Command Prompt
Microsoft Windows [Version 10.0.17134.523]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>sfc /scannow

Beginning system scan. This process will take some time.

Beginning verification phase of system scan.
Verification 100% complete.

Windows Resource Protection did not find any integrity violations.



C:\WINDOWS\system32>
```

```
C:\WINDOWS\system32>dism /Online /Cleanup-Image /CheckHealth

Deployment Image Servicing and Management tool
Version: 10.0.17134.1

Image Version: 10.0.17134.523

No component store corruption detected.
The operation completed successfully.
```

 **Low Disk Space** 

You are running out of disk space on system (C:)
To free space on this drive by deleting old or unnecessary files, click here...

Task Manager							
File Options View							
Processes Performance App history Startup Users Details Services							
Name	Status	22% CPU	42% Memory	8% Disk	0% Network	4% GPU	GPU Engine
> Google Chrome (19)		7.5%	803.8 MB	0.1 MB/s	0 Mbps	0.8%	GPU 0 - 3D
Jing (32 bit)		3.4%	20.4 MB	0.1 MB/s	0 Mbps	1.6%	GPU 0 - 3D
Desktop Window Manager		2.6%	16.6 MB	0 MB/s	0 Mbps	1.0%	GPU 0 - 3D
> Task Manager		2.5%	20.1 MB	0 MB/s	0 Mbps	0%	

Windows - Out of Virtual Memory

 Your system is low on virtual memory. To ensure that Windows runs properly, increase the size of your virtual memory paging file. For more information, see Help.

Print Management

File Action View Help

Brother MFC-J450DW Printer Properties

General Sharing Ports Advanced Color Management Security Device Settings

Printer Name

- Brother MFC-J450DW
- Brother PC-FAX v...
- Microsoft Print to PDF
- Microsoft XPS Do...
- Send To OneNote
- Wondershare PDFElement

DESKTOP-0R4TO3U (local)

Printers

Always available

Available from 12:00 AM To 12:00 AM

Priority: 1

Driver: Brother MFC-J450DW Printer New Driver...

Spool print documents so program finishes printing faster

- Start printing after last page is spooled
- Start printing immediately

Print directly to the printer

- Hold mismatched documents
- Print spooled documents first
- Keep printed documents
- Enable advanced printing features

Event Viewer

File Action View Help

Event Viewer (Local)

- Custom Views
- Windows Logs
 - Application
 - Security
 - Setup
 - System
 - Forwarded Events
- Applications and Services Log
- Subscriptions

System Number of events: 31,068

Level	Date and Time	Source	Event ID	Task Category
Error	2/3/2019 8:39:03 AM	DistributedCOM	10016	None
Error	2/3/2019 8:35:10 AM	DistributedCOM	10016	None
Error	2/3/2019 8:34:14 AM	DistributedCOM	10016	None
Information	2/3/2019 8:19:26 AM	Service Control M...	7040	None
Information	2/3/2019 8:17:07 AM	Service Control M...	7040	None
Information	2/3/2019 7:16:04 AM	Service Control M...	7040	None

Event 10016, DistributedCOM

Details

The application-specific permission settings do not grant Local Activation permission for the COM Server application with CLSID {D63B10C5-BB46-4990-A94F-F4089D520160}.

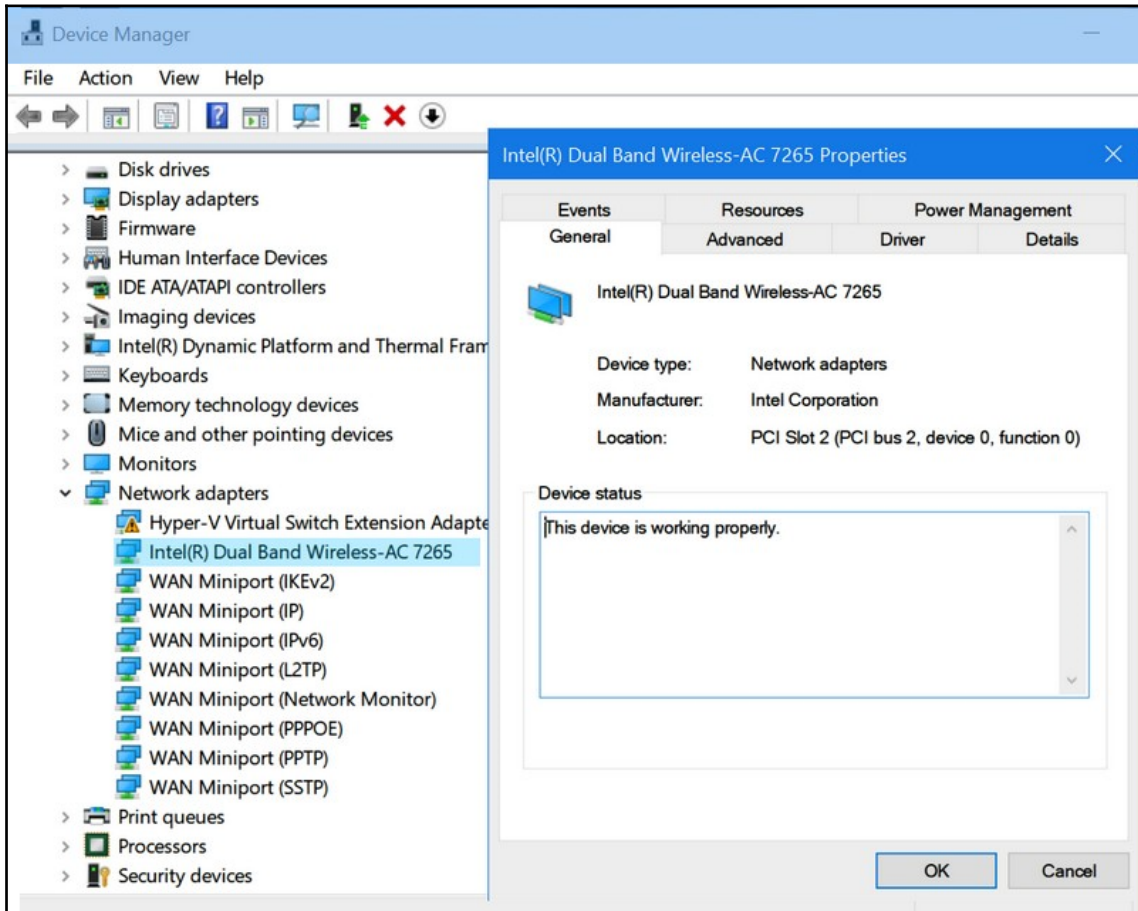
Log Name: System
 Source: DistributedCOM Logged: 2/3/2019 8:34:14 AM
 Event ID: 10016 Task Category: None
 Level: Error Keywords: Classic
 User: DESKTOP-0R4TO3U\ronpr Computer: DESKTOP-0R4TO3U
 OpCode: Info
 More Information: [Event Log Online Help](#)

```
rprice@DESKTOP-0R4TO3U:/var/log/apt$ ls -l
total 24
-rw-r--r-- 1 root root 19176 Jul 25 2018 eipp.log.xz
-rw-r--r-- 1 root root 883 Jul 25 2018 history.log
-rw-r----- 1 root adm 134 Jul 25 2018 term.log
rprice@DESKTOP-0R4TO3U:/var/log/apt$ sudo more history.log

Start-Date: 2018-07-25 15:56:27
Commandline: apt-get --purge remove --assume-yes ^linux-* linux-
Purge: linux-headers-generic:amd64 (4.15.0-29.31), linux-image-4.
ders-4.15.0-29:amd64 (4.15.0-29.31), linux-virtual:amd64 (4.15.0.
31), linux-modules-4.15.0-29-generic:amd64 (4.15.0-29.31), linux-
linux-image-virtual:amd64 (4.15.0.29.31)
End-Date: 2018-07-25 15:56:30

Start-Date: 2018-07-25 15:56:33
Commandline: apt-get --purge remove --assume-yes ^grub-*
Purge: os-prober:amd64 (1.74ubuntu1), grub-common:amd64 (2.02-2uk
grub-legacy-ec2:amd64 (1:1), grub-pc:amd64 (2.02-2ubuntu8.2), gr
oad-lists:amd64 (0.7)
```

Chapter 17: Common Network Issues



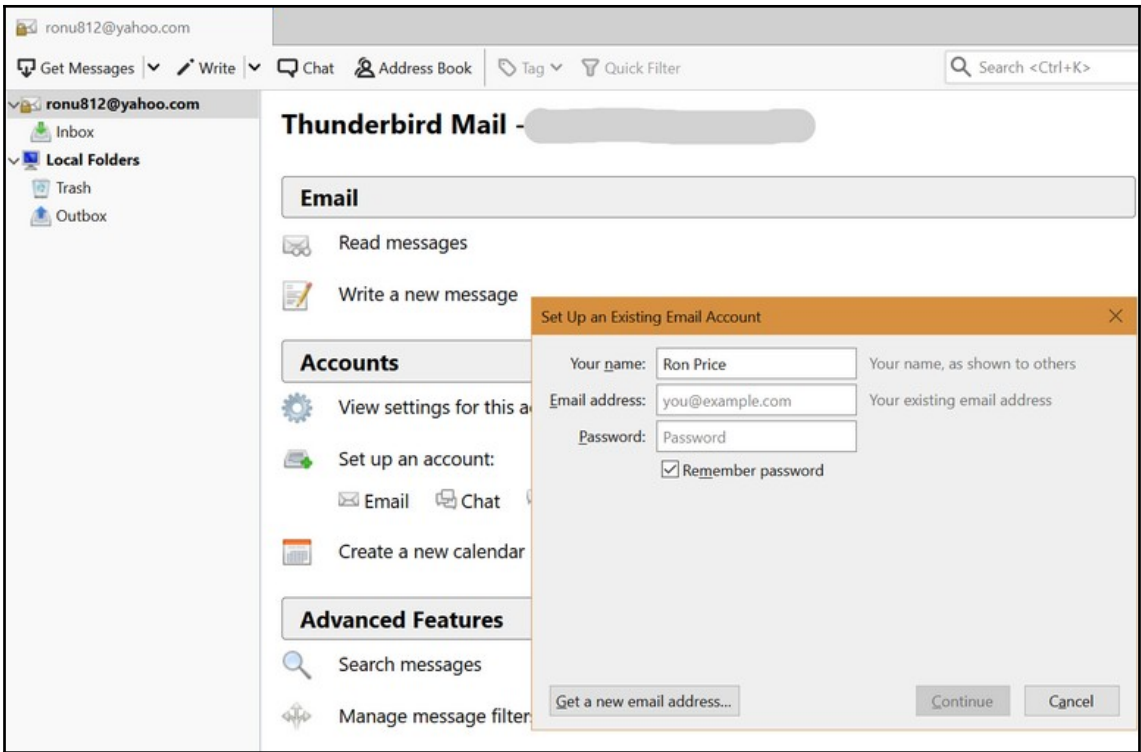


We're done collecting your Outlook configuration details

Review the list below to see a summary of your Outlook configuration.

[View results in my browser](#)

Issues found	Detailed View	Configuration Summary
New email notifications are not displayed		▼
Receipts and responses not processed automatically because 'Sniffer' is disabled	Automatic processing for meeting requests, read receipts and voting responses does not occur because the 'Automatically process meeting requests and responses to meeting requests and polls' setting (sniffer) is not enabled. Click here to see an online solution to this issue	▲
The address book information for your organization is probably out of date		▼
'Publish to WebDAV Server' is not available in Outlook		▼
Possible problems due to non-default values specified under \RedirectServers		▼
Autodiscover information is incorrect due to cached information in the registry		▼
Incomplete or incorrect search results because AllowPhraseMatch is not 1 in the registry		▼
Add-ins have been automatically disabled because of performance or stability issues		▼
BITS service is not running		▼



```
# Copyright (c) 1993-2019 Microsoft Corp.
#
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
#
# This file contains the mappings of IP addresses to host names. Each
# entry should be kept on an individual line. The IP address should
# be placed in the first column followed by the corresponding host name.
# The IP address and the host name should be separated by at least one
# space.
#
# Additionally, comments (such as these) may be inserted on individual
# lines or following the machine name denoted by a '#' symbol.
#
# For example:
#
#       102.54.94.97       rhino.acme.com           # source server
#       38.25.63.10      x.acme.com             # x client host

# localhost name resolution is handled within DNS itself.
#   127.0.0.1          localhost
#   ::1               localhost
#   52.216.238.66     www.packtpub.com
```

Intel(R) Dual Band Wireless-AC 7265 Properties



General

Advanced

Driver

Details

Events

Resources

Power Management



Intel(R) Dual Band Wireless-AC 7265

Resource settings:

Resource type	Setting
Memory Range	00000000B1100000 - 00000000B1101FFF
IRQ	0xFFFFFFFF9 (-7)

Setting based on:

Use automatic settings

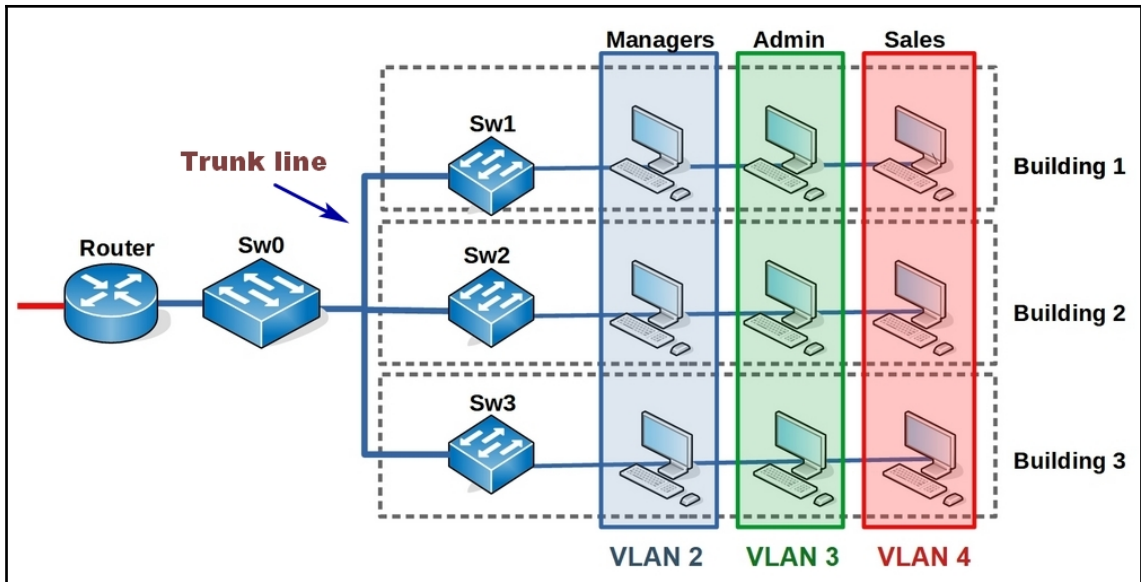
Change Setting...

Conflicting device list:

No conflicts.

OK

Cancel



Windows Network Diagnostics

Troubleshooting has completed

Troubleshooting was unable to automatically fix all of the issues found. You can find more details below.

Problems found		
The default gateway is not available	Not fixed	✖
The connection between your access point, router, or cable modem and the Internet is broken	Detected	⚠

➔ Explore additional options

➔ Close the troubleshooter

[View detailed information](#)

Kernel IP routing table

Destination	Gateway	Genmask	Flags	Metric
127.0.0.0	0.0.0.0	255.0.0.0	U	256
127.0.0.1	0.0.0.0	255.255.255.255	U	256
127.255.255.255	0.0.0.0	255.255.255.255	U	256
224.0.0.0	0.0.0.0	240.0.0.0	U	256
255.255.255.255	0.0.0.0	255.255.255.255	U	256
0.0.0.0	10.1.10.1	255.255.255.255	U	0
10.1.10.0	0.0.0.0	255.255.255.0	U	256
10.1.10.156	0.0.0.0	255.255.255.255	U	256
10.1.10.255	0.0.0.0	255.255.255.255	U	256
224.0.0.0	0.0.0.0	240.0.0.0	U	256
255.255.255.255	0.0.0.0	255.255.255.255	U	256

```
C:\WINDOWS\system32>tracert comptia.org
```

```
Tracing route to comptia.org [198.134.5.6]  
over a maximum of 30 hops:
```

```
 1      2 ms      9 ms      9 ms  10.1.10.1  
 2     24 ms     19 ms     18 ms  96.120.102.249  
 3     25 ms     27 ms     20 ms  po-107-rur01.spokane.wa.seattle.comcast.net [96.108.165.245]  
 4     16 ms     20 ms     17 ms  po-2-rur02.spokane.wa.seattle.comcast.net [69.139.160.126]  
 5     28 ms     28 ms     30 ms  be-37-ar01.seattle.wa.seattle.comcast.net [68.86.96.5]  
 6     28 ms     29 ms     28 ms  be-33650-cr01.seattle.wa.ibone.comcast.net [68.86.93.165]  
 7     30 ms     28 ms     28 ms  be-10847-pe02.seattle.wa.ibone.comcast.net [68.86.86.226]  
 8     30 ms     28 ms     27 ms  66.208.232.182  
 9     90 ms     88 ms     82 ms  216.156.16.80.ptr.us.xo.net [216.156.16.80]  
10     95 ms     98 ms     86 ms  207.88.12.228.ptr.us.xo.net [207.88.12.228]  
11     83 ms     88 ms     88 ms  207.88.12.144.ptr.us.xo.net [207.88.12.144]  
12     84 ms     98 ms     88 ms  207.88.12.190.ptr.us.xo.net [207.88.12.190]  
13     84 ms     86 ms     89 ms  207.88.12.189.ptr.us.xo.net [207.88.12.189]  
14     89 ms     88 ms     88 ms  207.88.12.164.ptr.us.xo.net [207.88.12.164]  
15     95 ms     88 ms     88 ms  216.156.16.199.ptr.us.xo.net [216.156.16.199]  
16     92 ms     86 ms     88 ms  216.55.11.62  
17    105 ms     90 ms    108 ms  198.134.5.6  
18    124 ms     98 ms     89 ms  198.134.5.6
```

```
Trace complete.
```

```
Connection-specific DNS Suffix . : hsd1.wa.comcast.net
Description . . . . . : Intel(R) Dual Band Wireless-AC 7265
Physical Address. . . . . : 5C-E0-C5-B6-B3-9A
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
IPv6 Address. . . . . : :e300::492f(Preferred)
Lease Obtained. . . . . : Saturday, February 2, 2019 2:30:29 PM
Lease Expires . . . . . : Saturday, February 16, 2019 9:47:35 AM
IPv6 Address. . . . . : :e300:8db7:a325:a3b3:74df(Preferred)
Link-local IPv6 Address . . . . . : 25:a3b3:74df%9(Preferred)
IPv4 Address. . . . . : 10.1.10.156(Preferred)
Subnet Mask . . . . . : 255.255.255.0
Lease Obtained. . . . . : Saturday, February 2, 2019 2:30:27 PM
Lease Expires . . . . . : Sunday, February 17, 2019 7:33:39 AM
Default Gateway . . . . . : ff:fe2e:2ac3%9
                            10.1.10.1
DHCP Server . . . . . : 10.1.10.1
DHCPv6 IAID . . . . . : 56418501
DHCPv6 Client DUID. . . . . : 00-01-00-01-23-50-8F-78-5C-E0-C5-B6-B3-9A
DNS Servers . . . . . : 2001:558:feed::1
                            2001:558:feed::2
                            75.75.75.75
                            75.75.76.76
NETBIOS over Tcpi. . . . . : Enabled
```

```
rprice@ubuntu:~$ nslookup packt.com
Server:          75.75.75.75
Address:         75.75.75.75#53
```

```
Non-authoritative answer:
Name:   packt.com
Address: 52.216.225.242
```

Chapter 18: Common Storage Issues



Low Disk Space

You are running out of disk space on Local Disk (D:).

[Click here to see if you can free space on this drive.](#)

Windows Explorer

Local Disk (C:) Properties



Security

Previous Versions

Quota

General

Tools

Hardware

Sharing

Error checking



This option will check the drive for file system errors.



Check

Optimize and defragment drive



Optimizing your computer's drives can help it run more efficiently.

Optimize

General Policies Volumes Driver Details Events

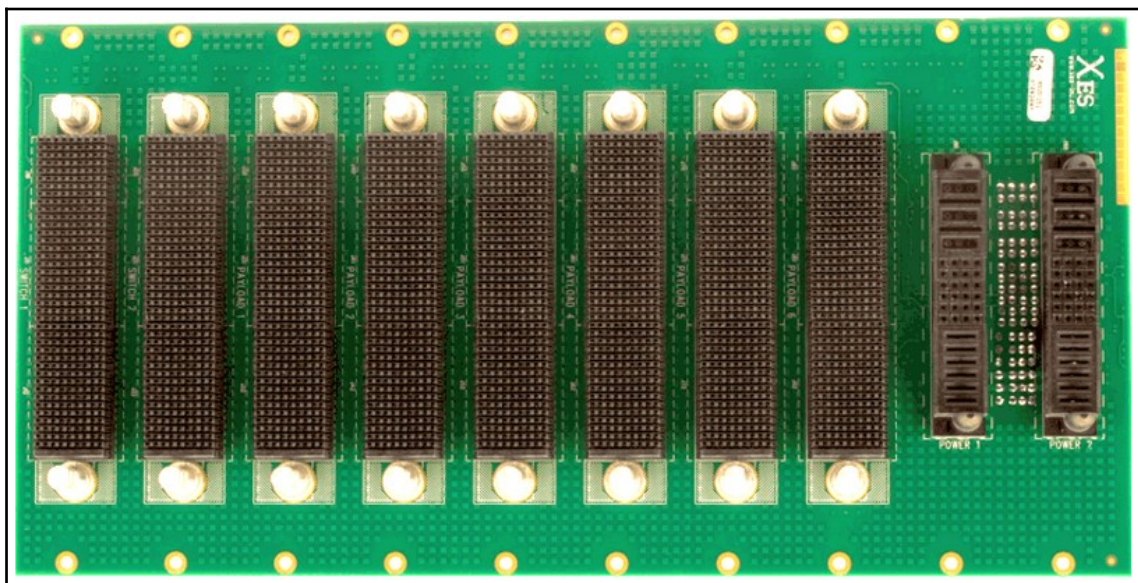
Write-caching policy

- Enable write caching on the device

Improves system performance by enabling write caching on the device, but a power outage or equipment failure might result in data loss or corruption.

- Turn off Windows write-cache buffer flushing on the device

To prevent data loss, do not select this check box unless the device has a separate power supply that allows the device to flush its buffer in case of power failure.



Disk Management

File Action View Help

Volume	Layout	Type	File System	Status	Capacity	Free Spa...	% Free
(Disk 0 partition 1)	Simple	Basic		Healthy (E...	499 MB	499 MB	100 %
OSDisk (C:)	Simple	Basic	NTFS (BitLo...	Healthy (B...	464.77 GB	389.39 GB	84 %
Windows RE Tools	Simple	Basic	NTFS	Healthy (...)	499 MB	483 MB	97 %

Disk 0
Basic
465.75 GB
Online

499 MB Healthy (EFI System Partiti	Windows RE Tools 499 MB NTFS Healthy (OEM Partition)	OSDisk (C:) 464.77 GB NTFS (BitLocker Encrypted) Healthy (Boot, Page File, Crash Dump, Primary Partition)
---------------------------------------	---	--

/dev/sda - GParted

GParted Edit View Device Partition Help

/dev/sda (298.09 GiB)

/dev/sda1 254.81 GiB			
-------------------------	--	--	--

Device Information

Model: ATA ST9320320AS
Size: 298.09 GiB
Path: /dev/sda

Partition table: msdos
Heads: 255
Sectors/track: 63
Cylinders: 38913
Total sectors: 625137345

Partition	File System	Mount Point	Size	Used	Unused
/dev/sda1	ext4	/	254.81 GiB	245.77 GiB	9.03 GiB
unallocated	unallocated		18.87 GiB	---	---
New Partition #1	ntfs		19.53 GiB	---	---
/dev/sda3	linux-swap		4.88 GiB	---	---

Delete /dev/sda2 (unknown, 19.53 GiB) from /dev/sda
Create Primary Partition #1 (ntfs, 19.53 GiB) on /dev/sda

2 operations pending

APPLICATIONS VERSION REFRESH SEARCH
 User: root Server
 Sun StorageTek™ Common Array Manager

Alarms
Storage Systems
 pubs
 Alarms
 Volumes
 Mappings
 Snapshots
 Replication Sets
 Virtual Disks
 Pools
 Profiles
 Jobs
 Physical Devices
 Troubleshooting
 Administration
 Ruby
 General Configuration
 Auto Service Request

Storage System Summary
 To manage a Storage System, click on its name below. To register and manage additional Storage Systems available on your network, click on the Register button below.

Storage Systems (2)
 Register... Remove Upgrade Firmware...

<input checked="" type="checkbox"/>	Name	Health	Type	Firmware Version	Total Capacity	Available Capacity
<input type="checkbox"/>	Data1	Degraded	6140	06.16.73.10	752.025 GB	681.920 GB
<input type="checkbox"/>	Data2	Degraded	2540	96.17.62.14	2.274 TB	1.337 TB

Register... Remove Upgrade Firmware...

mdadm is used for building, managing, and monitoring Linux md devices (aka RAID arrays)

Usage: mdadm --create device options...

Create a new array from unused devices.

mdadm --assemble device options...

Assemble a previously created array.

mdadm --build device options...

Create or assemble an array without metadata.

mdadm --manage device options...

make changes to an existing array.

mdadm --misc options... devices

report on or modify various md related devices.

mdadm --grow options device

resize/reshape an active array

mdadm --incremental device

add/remove a device to/from an array as appropriate

mdadm --monitor options...

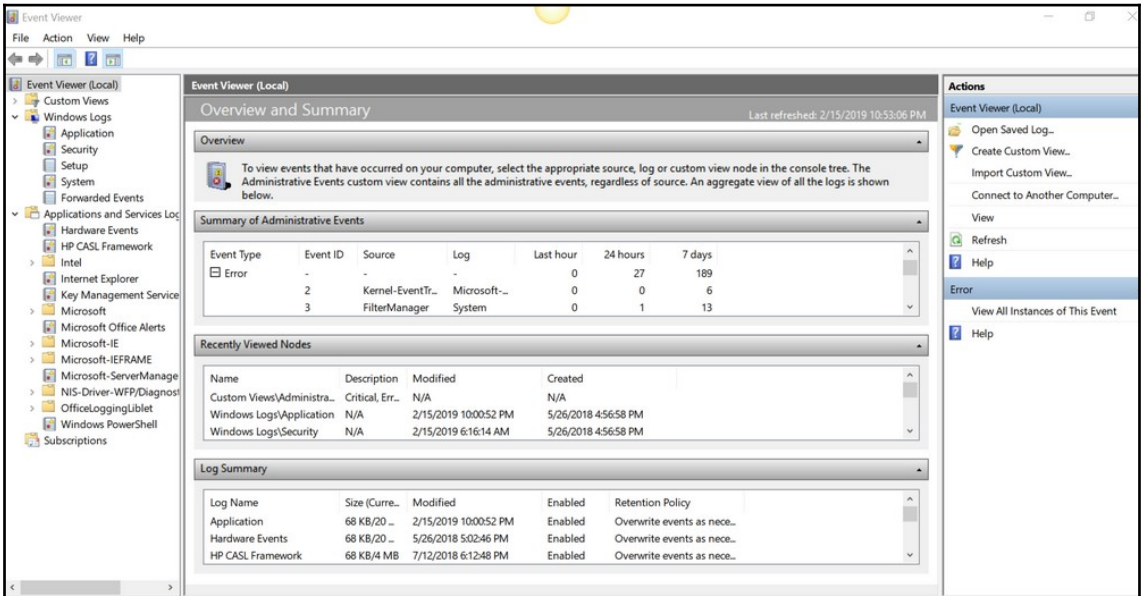
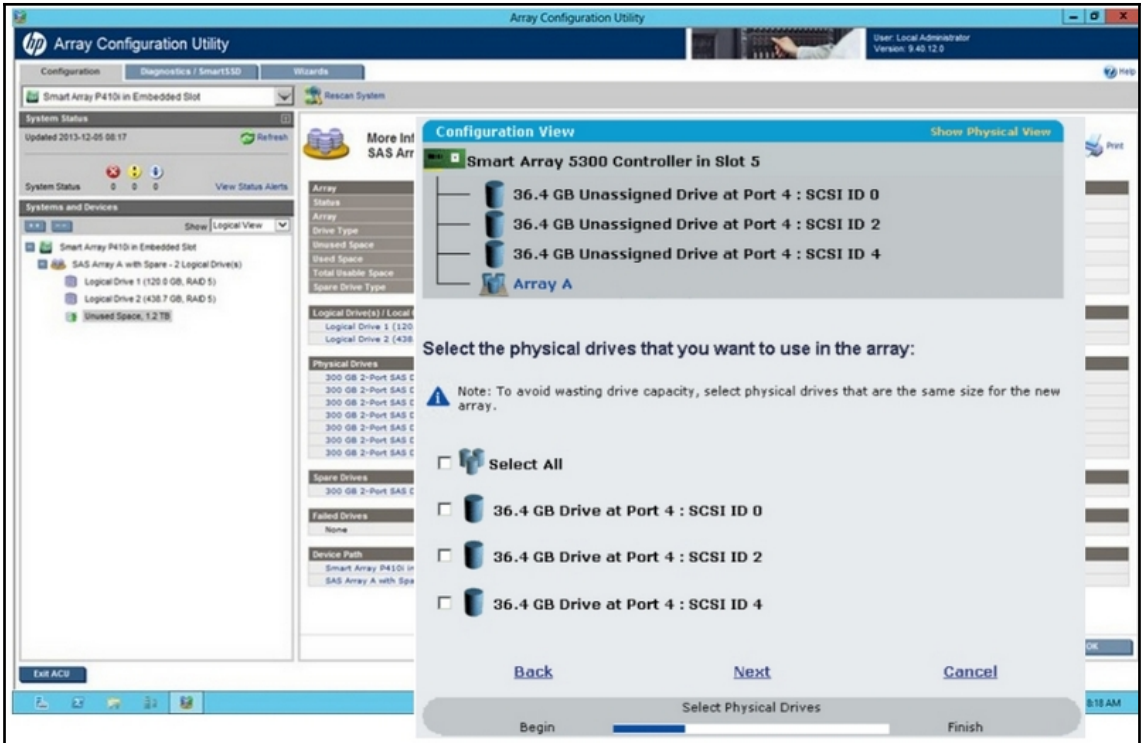
Monitor one or more array for significant changes.

mdadm device options...

Shorthand for --manage.

Any parameter that does not start with '-' is treated as a device name or, for --examine-bitmap, a file name.

The first such name is often the name of an md device. Subsequent names are often names of component devices.



```

2019-02-02 12:49:07,285 ERROR Network plugin raised an exception.
Traceback (most recent call last):
  File "/usr/lib/python3/dist-packages/landscape/sysinfo/sysinfo.py", line 99, in run
    result = plugin.run()
  File "/usr/lib/python3/dist-packages/landscape/sysinfo/network.py", line 32, in run
    for info in self._get_device_info():
  File "/usr/lib/python3/dist-packages/landscape/lib/network.py", line 181, in get_active_device_info
    speed, duplex = get_network_interface_speed(sock, interface)
  File "/usr/lib/python3/dist-packages/landscape/lib/network.py", line 261, in get_network_interface_speed
    raise e
  File "/usr/lib/python3/dist-packages/landscape/lib/network.py", line 253, in get_network_interface_speed
    fcntl.ioctl(sock, SIOCEHTOOL, packed) # Status ioctl() call
OSError: [Errno 22] Invalid argument
2019-02-02 12:58:57,199 ERROR Network plugin raised an exception.
Traceback (most recent call last):
  File "/usr/lib/python3/dist-packages/landscape/sysinfo/sysinfo.py", line 99, in run
    result = plugin.run()
  File "/usr/lib/python3/dist-packages/landscape/sysinfo/network.py", line 32, in run
    for info in self._get_device_info():
  File "/usr/lib/python3/dist-packages/landscape/lib/network.py", line 181, in get_active_device_info
    speed, duplex = get_network_interface_speed(sock, interface)
  File "/usr/lib/python3/dist-packages/landscape/lib/network.py", line 261, in get_network_interface_speed
    raise e
  File "/usr/lib/python3/dist-packages/landscape/lib/network.py", line 253, in get_network_interface_speed
    fcntl.ioctl(sock, SIOCEHTOOL, packed) # Status ioctl() call
OSError: [Errno 22] Invalid argument
2019-02-02 13:00:09,923 ERROR Network plugin raised an exception.
Traceback (most recent call last):
  File "/usr/lib/python3/dist-packages/landscape/sysinfo/sysinfo.py", line 99, in run
    result = plugin.run()
  File "/usr/lib/python3/dist-packages/landscape/sysinfo/network.py", line 32, in run
    for info in self._get_device_info():
  File "/usr/lib/python3/dist-packages/landscape/lib/network.py", line 181, in get_active_device_info
    speed, duplex = get_network_interface_speed(sock, interface)
sysinfo.log

```

splunk>enterprise App: Search & Reporting Administrator Messages Settings Activity

Search Datasets Reports Alerts Dashboards

New Search

source="dism.log" host="Windows1" sourcetype="Default"

✓ 47,516 events (before 2/16/19 9:15:10.000 AM) No Event Sampling Job

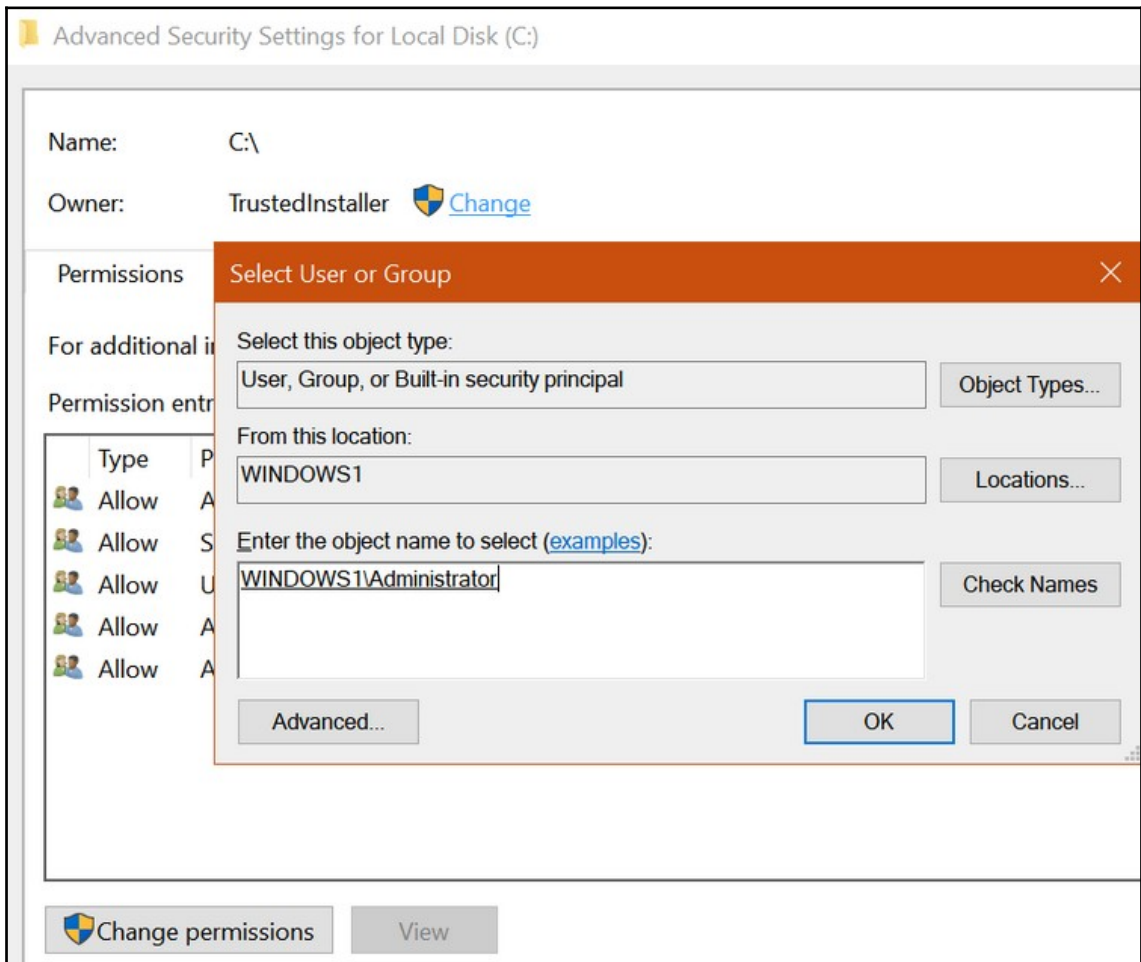
Events (47,516) Patterns Statistics Visualization

Format Timeline Zoom Out Zoom to Selection Deselect

List Format 20 Per Page < Prev 1 2 3 4 5

< Hide Fields	≡ All Fields	i	Time	Event
SELECTED FIELDS		>	2/15/19 6:13:03.000 PM	2019-02-15 18:13:03, Info - DismShutdownInternal DISM API: PID=14948 TID=10304 DismApi.dll PID = 14948 host = Windows1 source = dism.log sourcetype = Default
a host 1		>	2/15/19 6:13:03.000 PM	2019-02-15 18:13:03, Info session ----- - DismShutdownInternal DISM API: PID=14948 TID=10304 DismApi.dll
# PID 100+				
a source 1				
a sourcetype 1				

Chapter 19: Common Security Issues



Windows Security



These files might be harmful to your computer

Your Internet security settings suggest that one or more files may be harmful. Do you want to use it anyway?



Show details

OK

Cancel

[How do I decide whether to unblock these files?](#)

```
C:\WINDOWS\system32>net start
These windows services are started:
```

```
Application Host Helper Service
Application Information
Application Management
Background Tasks Infrastructure Service
Base Filtering Engine
BitLocker Drive Encryption Service
Capability Access Manager Service
CNG Key Isolation
COM+ Event System
Connected Devices Platform Service
Connected Devices Platform User Service_817af29
Connected User Experiences and Telemetry
Contact Data_817af29
CoreMessaging
Credential Manager
Cryptographic Services
Data Sharing Service
Data Usage
DCOM Server Process Launcher
Delivery Optimization
Device Association Service
DHCP Client
Diagnostic Policy Service
Diagnostic Service Host
Diagnostic System Host
```



```
rprice@windows1:~$ sudo service --status-all | more
```

```
[ - ] acpid  
[ - ] apparmor  
[ ? ] apport  
[ - ] atd  
[ - ] console-setup.sh  
[ - ] cron  
[ ? ] cryptdisks  
[ ? ] cryptdisks-early  
[ - ] dbus  
[ - ] ebttables  
[ ? ] hwclock.sh  
[ + ] irqbalance  
[ - ] isc-dhcp-server  
[ + ] iscsid  
[ - ] keyboard-setup.sh  
[ - ] kmod  
[ - ] lvm2  
[ + ] lvm2-lvmetad  
[ + ] lvm2-lvmpolld  
[ - ] lxcfs  
[ - ] lxd  
[ - ] mdadm  
[ - ] mdadm-waitidle  
[ + ] open-iscsi  
[ - ] open-vm-tools  
[ ? ] plymouth  
[ ? ] plymouth-log  
[ - ] procps  
[ - ] rsync  
[ - ] rsyslog  
[ - ] screen-cleanup
```

```
--More--
```

```

Administrator: Command Prompt
C:\WINDOWS\system32>netstat -a | more

Active Connections
Port Numbers

```

Proto	Local Address	Foreign Address	State
TCP	0.0.0.0:7	Windows1:0	LISTENING
TCP	0.0.0.0:9	Windows1:0	LISTENING
TCP	0.0.0.0:13	Windows1:0	LISTENING
TCP	0.0.0.0:17	Windows1:0	LISTENING
TCP	0.0.0.0:19	Windows1:0	LISTENING
TCP	0.0.0.0:135	Windows1:0	LISTENING
TCP	0.0.0.0:445	Windows1:0	LISTENING
TCP	0.0.0.0:1536	Windows1:0	LISTENING
TCP	0.0.0.0:1537	Windows1:0	LISTENING
TCP	0.0.0.0:1538	Windows1:0	LISTENING
TCP	0.0.0.0:1539	Windows1:0	LISTENING
TCP	0.0.0.0:1540	Windows1:0	LISTENING
TCP	0.0.0.0:1556	Windows1:0	LISTENING
TCP	0.0.0.0:5040	Windows1:0	LISTENING
TCP	0.0.0.0:5985	Windows1:0	LISTENING
TCP	0.0.0.0:7680	Windows1:0	LISTENING
TCP	0.0.0.0:27019	Windows1:0	LISTENING
TCP	0.0.0.0:47001	Windows1:0	LISTENING
TCP	10.1.10.156:139	Windows1:0	LISTENING
TCP	10.1.10.156:29636	13.89.217.116:https	ESTABLISHED

Task Manager						
File Options View						
Processes Performance App history Startup Users Details Services						
Name	PID	Status	User name	CPU	Memory (pr...	
System interrupts	-	Running	SYSTEM	00	0 K	
System Idle Process	0	Running	SYSTEM	96	8 K	
System	4	Running	SYSTEM	00	20 K	
svchost.exe	8	Running	SYSTEM	00	124 K	
Secure System	56	Running	SYSTEM	00	21,092 K	
Registry	104	Running	SYSTEM	00	576 K	
chrome.exe	224	Running	ronpr	00	18,320 K	

```

rprice@windows1:~$ ps -eda
  PID TTY          TIME CMD
    1 ?            00:00:00 init
    3 tty1        00:00:00 init
    4 tty1        00:00:00 bash
 1488 tty1        00:00:00 ps

```

Port Scanner

PROFILE ▾ ACTION ▾ SAVE RESULTS ▾

IP Address ▾ All hosts

10.1.10.0

10.1.10.1 **6 Open 1040 Closed 1002 Filtered**

10.1.10.2

10.1.10.3

10.1.10.4

tcpmux	1	TCP	Closed
tcpmux	1	UDP	Filtered
compressnet	2	TCP	Closed
compressnet	2	UDP	Filtered
compressnet	3	TCP	Closed
compressnet	3	UDP	Filtered

SCAN

Plaintext message: THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG.

Substitution key:

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
G	A	B	S	L	Y	T	E	X	U	C	F	H	I	J	K	Z	M	N	O	P	Q	R	D	V	W

Ciphertext string: OEL ZPXBC AMJRI YJD UPHKN JQLM OEL FGWV SJT.

Welcome to Microsoft Telnet Client

Escape Character is 'CTRL+']'

Microsoft Telnet> ?/help

Commands may be abbreviated. Supported commands are:

c	- close	close current connection
d	- display	display operating parameters
o	- open hostname [port]	connect to hostname (default port 23).
q	- quit	exit telnet
set	- set	set options (type 'set ?' for a list)
sen	- send	send strings to server
st	- status	print status information
u	- unset	unset options (type 'unset ?' for a list)
?/h	- help	print help information

Microsoft Telnet>