Lab 1.1. WINDOWS 7 INSTALL – MIGRATE – UPGRADE

I. GIỚI THIỆU

Bài lab triển khai:

- Cài đặt mới (clean installation) Windows 7.

- Chuyển dữ liệu người dùng từ một máy Windows 7 sang một máy Windows 7 khác.

- Nâng cấp một máy Windows Vista Ultimate Service Pack 1 thành một máy Windows 7 và giữ nguyên mọi thông tin hiện có.

Các bước thực hiện:

A. Cài đặt mới: Thực hiện trên máy chưa có hệ điều hành, dùng đĩa DVD source Windows 7.

B. Chuyển dữ liệu người dùng: Thực hiện trên máy Windows 7 vừa cài đặt xong ở phần A

C. Nâng cấp: Thực hiện trên một máy Windows Vista Ultimate Service Pack 1, dùng đĩa DVD source Windows 7.



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II. THỰC HIỆN

A. Cài đặt Windows 7

- Khởi động máy tính bằng DVD Windows 7
- Chọn ngôn ngữ sử dụng: English → Next

💐 Install Windows	
Windows 7	
Language to install: English	
Time and currency format: English (United States)	•
Keyboard or input method: US	
Enter your language and other preferences and click "Next" to continue.	
Copyright © 2009 Microsoft Corporation. All rights reserved.	Next
	3

- Chọn Install now

	Windows 7	
	Install now	
	~	
What to know before installing W	indows	
<u>R</u> epair your computer		
	rights reserved	





- Chọn I accept the license terms \rightarrow Next

MICROSOFT SOFTWARE LICENSE TERMS
WINDOWS 7 ULTIMATE
These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. Printed-paper license terms, which may come with the software, may replace or modify any on-screen license terms. The terms also apply to any Microsoft
· updates,
· supplements,
• Internet-based services, and
✓ I accept the license terms
Next

- Chon Custom (Advanced)





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- Chọn phân vùng muốn cài đặt → Next

Name	Total Size	Free Space Type	I
Disk 0 Unallocated Space	16.0 GB	16.0 GB	
A Refrech		Drive options (advanced)	
Load Driver		onve options (<u>a</u> uvanceu)	
		10-10-10-10-10-10-10-10-10-10-10-10-10-1	

- Quá trình cài đặt bắt đầu
- Nhập user name (vd: NhatNghe) và tên máy tính (Vd: NhatNghe-PC)→ Next

	Vindows	
_		
	Strate Windows 7 Ultimate	
Choose a us	er name for your account and name your computer to distinguish it o	a the petwork
Choose a Use	er name for your <u>account</u> and name your computer to distinguish it of	in the network.
	Type a user name (for example, John): NhatNghe	
	Type a <u>computer name</u> :	
	NhatNghe-PC	
œ	Copyright © 2009 Microsoft Corporatio	on. All rights reserved.





- Đặt password: (Vd: 123) \rightarrow Next

🍚 👩 Set Up Windows		
Set a password for Creating a password is a unwanted users. Be sure	your account smart security precaution that helps protect your user accor to remember your password or keep it in a safe place.	unt from
Type a password (recom	mended):	
•••		
Retype your password:		
•••		
Type a password hint (re	equired):	
123		
Choose a word or phras. If you forget your passw	e that helps you remember your password. ord, Windows will show you your hint.	
		Next

- Bồ dấu chọn Automatically Activate Windows When I'm Online check box \rightarrow Next

🕞 👩 Set Up Windows	
Type your Windows product key	
Type your windows product key	
You can find your Windows product key on a label inclu your copy of Windows. The label might also be on your product key with your computer.	ded with the package that came with computer case. Activation pairs your
The product key looks similar to this:	
PRODUCT KEY: XXXXX-XXXXX-XXXXX-XXXXX-XXXXX	
(dashes will be added automatically)	
Automatically activate Windows when I'm online	
What is activation?	
Read our privacy statement	



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- Chọn Ask me later



- Khai báo time zone : (UTC +7:00) Bangkok, Hanoi, Jakarta
 \rightarrow Next

G	👸 Set Up Windows		
<u> </u>	Review your time and date	settings	
	Time zone:		
	(UTC+07:00) Bangkok, Hanoi, Jakar	ta 🔹	
	Date:	Time:	
	◆ November, 2009 ◆ Su Mo Tu We Th Fr Sa 25 26 27 28 29 30 31		
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28		
	29 30 1 2 3 4 5	10: 39: 34 AM	

11101,1001,1001 w. NhatNghe





- Chon Home network



- Cài đặt hoàn tất





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B. Migrating User Data bằng Windows Easy Transfer

1. Tạo user NhatNghe2

- Log on bằng user NhatNghe
- Start \rightarrow click phải Computer \rightarrow Manage



- Computer Management \rightarrow System Tools \rightarrow Local Users and Groups \rightarrow Users \rightarrow click phải Administrator \rightarrow Properties







- Bỏ dấu chọn Account is disable → OK

Guest Properties		? 🗙
General Member Of	Profile	
Guest		
Full name:		
Description:	Built-in account for guest access to the computer/domain	
User must change	password at next logon	
User cannot char	ge password	
Password never e	xpires	
Account is disable	d	
Account is locked	out	
OK	Cancel Apply	Help

- Đóng Computer Management \rightarrow Log off \rightarrow Log on Administrator

- Start \rightarrow click phải Computer \rightarrow Manage

- Computer Management \rightarrow System Tools \rightarrow Local Users and Groups \rightarrow Users \rightarrow Click phải Users New User

🌆 Computer Management			
File Action View Help			
🗢 🄿 🙍 🗔 🙆 🔽 🖬			
Computer Management (Local)	Name	Full Name	Description
Y System Tools Y System Tools Y Y System Tools Y Y Task Scheduler P S Task Scheduler P S Shared Folders Voigous Scheduler View Y Y Started Folders View Performa Device M Storage Disk Man Songies and Export List	Administrator Guest HomeGroup NhatNghe	HomeGroupUser\$	Built-in account for administering the c Built-in account for guest access to the Built-in account for homegroup access
Help			- F
Creates a new Local User account.			



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- Nhập user name: NhatNghe2, password và confirm: 123, bỏ dấu chọn User must change password at next logon → Create → Close

	New User	? ×	
	User name: NhatNghe2		
	Eull name:		
	Description:		
			C
	Password:		8
	Confirm password:		
	User must change password at pe	ext logon	Į.
	User cannot change password at he	Acting of the second	
	Pass <u>w</u> ord never expires		C.
	Account is disa <u>b</u> led		
			8
			2
	Help	Create Close	(
			(
ิตแล้			
yuu			((
Computer Management			
Gomputer Management File Action View Help			
- - - - - - - - - - - - - -			
File Action View Help ← → 2 〒 2 〒 2 □ 2 □ 2 □ 2 □ 2 □ 2 □ 2 □ 2 □	Name Full Name	Description	Actions
Computer Management File Action View Help File Provide the second seco	Name Full Name	Description Built-in account for administering the c	Actions Users
Computer Management File Action View Help Computer Management (Local) Gomputer Management (Local) Gomputer Management (Local) Computer Management (Local)	Name Full Name	Description Built-in account for administering the c Built-in account for guest access to the	Actions Users More Actions
Computer Management File Action View Help Computer Management (Local) System Tools Computer Management (Local) Computer Management (Local) Computer Management (Local) Computer Management (Local) System Tools Computer Management (Local)	Name Full Name Administrator Guest HomeGroupUser NhatNghe	Description Built-in account for administering the c Built-in account for guest access to the S Built-in account for homegroup access	Actions Users More Actions NhatNghe2
Computer Management File Action View Help Computer Management (Local) Computer Management Computer Management (Local) Computer M	Name Full Name Administrator Guest HomeGroup HomeGroupUser NhatNghe NhatNghe2	Description Built-in account for administering the c Built-in account for guest access to the S Built-in account for homegroup access	Actions Users More Actions NhatNghe2 More Actions
Computer Management File Action View Help Computer Management (Local) System Tools System Tools	Name Full Name Administrator Guest HomeGroup HomeGroupUser NhatNghe NhatNghe2 NhatNghe2	Description Built-in account for administering the c Built-in account for guest access to the S Built-in account for homegroup access	Actions Users More Actions NhatNghe2 More Actions
Computer Management File Action View Help Computer Management (Local) Computer Management (Local) System Tools Computer Management (Local) System Tools System Tools Computer Management (Local) System Tools System	Name Full Name Administrator Guest HomeGroup HomeGroupUser NhatNghe NhatNghe2 NhatNghe2	Description Built-in account for administering the c Built-in account for guest access to the S Built-in account for homegroup access	Actions Users More Actions NhatNghe2 More Actions
Computer Management File Action View Help Computer Management (Local) Computer Management (Local) C	Name Full Name Administrator Guest HomeGroup HomeGroupUser NhatNghe NhatNghe2 NhatNghe2	Description Built-in account for administering the c Built-in account for guest access to the S Built-in account for homegroup access	Actions Users More Actions NhatNghe2 More Actions
Computer Management File Action View Help Computer Management (Local) Computer Management (Local) System Tools Computer Management (Local) System Tools Computer Management Storage Disk Scheduler Storage Disk Management Computer Management Computer Management Computer Management Computer Management	Name Full Name Administrator Guest HomeGroup HomeGroupUser NhatNghe NhatNghe2 NhatNghe2	Description Built-in account for administering the c Built-in account for guest access to the Built-in account for homegroup access	Actions Users More Actions NhatNghe2 More Actions
Computer Management File Action View Help Computer Management (Local) Computer Management (Local) Computer Management (Local) Computer Management (Local) Computer Management Service Management Services and Applications	Name Full Name Administrator Guest HomeGroup HomeGroupUser NhatNghe NhatNghe2 NhatNghe2	Description Built-in account for administering the c Built-in account for guest access to the S Built-in account for homegroup access	Actions Users More Actions NhatNghe2 More Actions
Computer Management File Action View Help Computer Management (Local) Computer Management (Local) System Tools Computer Management (Local) System Tools Computer Management Storage Sto	Name Full Name Administrator Guest HomeGroup HomeGroupUser NhatNghe NhatNghe2 NhatNghe2	Description Built-in account for administering the c Built-in account for guest access to the S Built-in account for homegroup access	Actions Users More Actions NhatNghe2 More Actions
Computer Management File Action View Help Computer Management (Local) System Tools Computer Management (Local) System Tools Computer Management System Tools Computer Management Storage Disk Management Services and Applications	Name Full Name Administrator Guest HomeGroup HomeGroupUser NhatNghe NhatNghe2 NhatNghe2	Description Built-in account for administering the c Built-in account for guest access to the S Built-in account for homegroup access	Actions Users More Actions NhatNghe2 More Actions
Computer Management File Action View Help Computer Management (Local) Computer Management (Local) Computer Management (Local) Computer Management (Local) Computer Management Shared Folders Cocal Users Cocal Users Coc	Name Full Name Administrator Guest HomeGroup HomeGroupUser NhatNghe NhatNghe2 NhatNghe2	Description Built-in account for administering the c Built-in account for guest access to the S Built-in account for homegroup access	Actions Users More Actions NhatNghe2 More Actions
Computer Management File Action View Help Computer Management (Local) Computer Management (Local) System Tools Computer Management (Local) System Tools Computer Management Storage Disk Management Storage Disk Management Services and Applications Son account NhatNghe	Name Full Name Administrator Guest HomeGroup HomeGroupUser NhatNghe NhatNghe2 NhatNghe2 ★ Immediate NhatNghe2	Description Built-in account for administering the c Built-in account for guest access to the S Built-in account for homegroup access	Actions Users More Actions NhatNghe2 More Actions





2. Luu user data

- Log on NhatNghe

- Click Start → Nhập vào ô Search: Windows Easy Transfer → Enter

Programs (2)
Windows Easy Transfer
🗱 Windows Easy Transfer Reports
Control Panel (1)
📑 Transfer files from another computer
Files (1)
📄 asdq
₽ See more results
Windows Easy Transfer × Shut down +

- Hộp thoại Welcome To Windows Easy Transfer → Next





- Hộp thoại What Do You Want To Use To Transfer Items To Your New Computer? → Chọn An External Hard Disk Or USB Flash Drive.



- Hộp thoại Which Computer Are You Using Now \rightarrow chọn This Is My Old Computer





- Hộp thoại Choose What To Transfer From This Computer \rightarrow Chọn account **NhatNghe2** \rightarrow Next

G	Ω	Windows Ea	sy Transfer		
	Cho	oose what to	o transfer from this computer		
	You	can transfer files	and settings in these user accounts.		
			nhatnghe 0 bytes Selected (Default selections)		^
			NhatNghe2		E
			63.6 MB Selected (Default selections) Customize		
			Shared Items Easy Transfer file	e size:	
					Next

- Hộp thoại Save Your Files And Settings For Transfer : Nhập P@ssword → Save

G	£	Windows Easy Transfer	
	Save	e your files and settings for transfer	
	Your f this fil	files and settings will be saved in an Easy Transfer file. You can enter a password to protect ile. Remember your password because you will need to enter it on your new computer.	
	If you	don't want to use a password, leave the password box blank and click Save.	
	Passw	vord:	
	••••		
	Confir	rm Password:	
		Sa	ve



- Hộp thoại Save Your Easy Transfer file: Chọn lưu dữ liệu trên C:\→ Save

Save your Easy Transf	er file		×
Com 🕹 🗸 Com	puter 🕨 Local Disk (C:) 🕨 🗸 🗸	Search Local Disk (C:)	٩
Organize 🔻 New	folder	855	• 🕡
🖳 Recent Places	^ Name	Date modified	Туре
 □ Libraries □ Documents → Music □ Pictures □ Videos 	PerfLogs Program Files Users Windows	7/13/2009 7:37 PM 10/27/2009 1:23 AM 10/27/2009 1:32 AM 10/27/2009 1:31 AM	File folder File folder File folder File folder
🤣 Homegroup			
🚢 Local Disk (C:)			
Ø DVD Drive (D:) G	✓ <		•
File name: C Save as type: E	ld_Data isy Transfer File		•
Hide Folders		Save	ancel

- Next







- Next

Ð	our transfer file is complete	
	Open Windows Easy Transfer on your new computer	
	ou've saved the items you want to transfer in a special transfer file named: Id_Data.MIG ere's where it's saved:	
	/rite down the location where you saved your transfer file because you'll need to open it on your ew computer. If you're upgrading this computer to Windows 7, open the file when your upgrade complete.	

- Close





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3. Giả lập transfer NhatNghe2 User Data

- Start → click Computer → Properties → Advanced System Settings → Settings trong phần User Profiles

💽 🗸 🛃 א Control Panel	 All Control Panel Items System 	n 🚽 4	😙 Search Control Panel	R
Control Panel Home	View basic information	about your compute	er	
🛞 Device Manager	Windows edition			
🛞 Remote settings	Windows 7 Ultimate		\frown	
System protection	Copyright © 2009 Microso	ft Corporation. All rights r	reserved.	
Advanced system settings				
				•
	System			
	Rating:	System rating is not avai	lable	- 2 '
	Processor:	Intel(R) Pentium(R) Dual	CPU E2180 @ 2.00GHz 2.00 GHz	
	Installed memory (RAM):	1.00 GB		
	System type:	32-bit Operating System		<u> </u>
	Pen and Touch:	No Pen or Touch Input i	s available for this Display	
	Computer name, domain, and	workgroup settings		

- Tab Advanced → chọn Settings trong phần User Profiles

System Properties					×
Computer Name	Hardware	Advanced	System Protection	Remote	
You must be lo	gged on as	an Administrat	or to make most of th	hese chan	ges.
- Performance -					
Visual effects,	processor s	cheduling, m	emory usage, and vir	tual memo	ry 🛛
				Settings	
User Profiles					
Desktop settir	ngs related t	o your logon			
				Settings	
⊂ Startup and R	ecovery				
System startup	o, system fai	lure, and deb	ugging information		
				Settings	
			Environme	ent Variable	es
		ОК	Cancel	A	pply





- Chọn Nhatnghe2 \rightarrow Delete \rightarrow Yes

roaming profile that	each comput is the same er:	on every	e, or you ca computer y	an select a ou use.
Name	Size	Туре	Status	Mo
Default Profile	1.51 MB	Local	Local	10
nhatnghe-PC\nhatnghe	4.62 MB	Local	Local	10
nhatnghe-PC\WhatNghe2	21.2 MB	Local	Local	10
Char	ge Type	Del	ete	Сору То



- OK 2 lần

er Profiles User profiles store information related different profile on roaming profile tha	settings for y to your user each compu t is the same uter:	your deskt r account. ter you us on every	top and oth You can cru e, or you c computer y	er eate a an select a rou use.	Computer Name Hardware Advanced System Protection Remote You must be logged on as an Administrator to make most of these changes. Performance Visual effects, processor scheduling, memory usage, and vitual memory Settings
Name Default Profile nhatnghe-PC\nhatnghe	Size 1.51 MB 4.62 MB	Type Local Local	Status Local Local	Mo 10 10	User Profiles Desktop settings related to your logon Settings
					Startup and Recovery System startup, system failure, and debugging information
Cha	nge Type s, open Üser	Del Del	lete	Copy To	Environment Variables
		C	ж [Cancel	OK Cancel Apply

 \sim



- Start → Control Panel → trong phần User Accounts And Family Safety → chọn Add Or Remove User Accounts







- Chọn Delete The Account



- Chọn Delete Files

		P
$\mathbf{\Theta}$	• 🥵 « User Accounts • Manage Accounts • Delete Account • 47 Search Control Panel •	15
	Do you want to keep NhatNghe2's files? Before you delete NhatNghe2's account, Windows can automatically save the contents of NhatNghe2's desktop and Documents, Favorites, Music, Pictures and Videos folders to a new folder called 'NhatNghe2' on your desktop. However, Windows cannot save NhatNghe2's e-mail messages and other settings.	NGNI
	Delete Files Cancel	<u>I</u>

- Chọn Delete Account → Đóng Control Panel



- Logon NhatNghe → Nhập vào ô Search: Windows Easy Transfer → Enter

₽ See more results		
Windows Easy Transfer	×	Shut down 🕨



- Next



- Chon An External Hard Disk Or USB Flash Drive.







- Chọn This is my new computer.



- Yes







- Chỉ đến file backup đã lưu trên C:\

Open an Easy Transfer	File					x
🕞 🖉 🗢 🚣 🕨 Comp	outer 🕨	Local Disk (C:) 🕨	-	47	Search Local Disk (C:)	٩
Organize 🔻 New fo	older				:== ▼	
Desktop	^ N	ame	•		Date modified	Туре
🗼 Downloads 📃 Recent Places		PerfLogs Program Files			7/13/2009 7:37 PM 10/27/2009 1:23 AM	File folder File folder
🛱 Libraries		Users Windows			10/27/2009 1:38 AM 10/27/2009 1:31 AM	File folder File folder
Documents Music Pictures Videos	E	DId_Data			10/27/2009 1:35 AM	Easy Transfe
Homegroup Ecomputer Local Disk (C:) DVD Drive (D:) Gf						
Fil	▼ ∢	Old_Data	m	•	Easy Transfer File	Cancel

- Nhập password: **P@ssword** → Next

the transfer	d used to help pro	ect your transfer file	and start
•••••			





- Chọn Account NhatNghe2 \rightarrow Transfer

G	@	Windows Easy Transfer	
	Cho	oose what to transfer to this computer	
	You o you v new o	can transfer files and settings in these user accounts from your old computer. To choose how vant the user accounts on your old computer to get transferred to user accounts on your computer, click Advanced options.	
		NhatNghe2	*
	7	63.6 MB Selected (Default selections) Customize	
		Shared Items	
		0 bytes Selected (Default selections) Customize	
		Easy Transfer file size: 63.6 Advanced Optio	MB
		Transfe	er

- Close



- Log on Nhatnghe2 \rightarrow Thành công \rightarrow Kiểm tra thấy file đã tạo trên desktop vẫn còn.



C. Nâng cấp Windows Vista SP1 lên Windows 7

Log on user NhatNghe → enable user Administrator → Nap đĩa source Windows 7
 Log on Administrator → Start → Computer → Nhấp kép vào DVD Windows 7



- Chọn Install now







- Chon Do Not Get The Latest Updates For Installation



- Chọn I Accept The License Terms \rightarrow Next.





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- Chọn Upgrade



- Type Your Product Key → bỏ dấu chọn Automatically Activate Windows When I'm Online → Next

What is activation? What is activation? Read our privacy statement	http://www.N



TRUNG TÂM ĐÀO TẠO MẠNG MÁY TÍNH NHẤT NGHỆ ĐỔI TÁC ĐÀO TẠO CỦA MICROSOFT TẠI VIỆT NAM 105 Bà Huyện Thanh Quan, Q3, TP. HCM Tel: 3.9322.735 – 0913.735.906 Fax: 3.9322.734 www.nhatnghe.com



- Next



	Upgrading Windows	
	 That's all the information we need right now. Your computer will restart several times during the upgrade. ✓ Copying Windows files Gathering files, settings, and programs (91%) Expanding Windows files Installing features and updates Transferring files, settings, and programs 	N I " AA AA AA A
	Gathering user files, settings, and programs (112921 of 127195 gathered)	
1 Collecting information	2 Upgrading Windows	



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- Help Protect Your Computer And Improve Windows Automatically \rightarrow chon Use Recommended Settings





A//TOK

- Review Your Time And Date Settings page : Chọn múi giờ (UTC +7) Bangkok, Hanoi, Jakarta → Next

rtual Machine - Microsoft Virtual PC 2007	
🙆 🧟 Set Un Windows	
Review your time and date settings	
Time zone:	
(UTC+07:00) Bangkok, Hanoi, Jakarta 🗸 🗸	
Date: Time:	
▲ November 2009	
Su Mo Tu We Th Fr Sa	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	*
8 9 10 11 12 13 14 15 16 17 18 19 20 21	
22 23 24 25 26 27 28 29 30 1 2 3 4 5	
10: 39: 34 AM	
	Next

- Select Your Computer's Current Location page → Chon Home Network



- Quá trình Upgrade hoàn tất \rightarrow Log on bằng tài khoản cũ trên Windows Vista \rightarrow Thành công.