Please make sure before this installation, you will need 2 identical hard disk with same space connected to the server. But the truth is, you don't need to same hard disk with the same space amount, but as long as you partitioned the space equally then it would be good as well. But for beginner, it is better to get a hard disk that got the same space quantity, less percentage that you would get yourself confused.

Below are the steps on how to enable the Software RAID inside Windows Server 2003:

1) You may follow the initial windows setup here:

http://www.iprobot.net/windows-tutorial/how-to-install-windows-server-2003/

2) After the installation has finished, click on Start button and right-click on My Computer. Select Manage and click on it:



3) Next is to select Disk Management:

Computer Management									
Eile Action View Window Help									
Computer Management (Local) System Tools System Tools Shared Folders Cocal Users and Groups Performance Logs and Alert: Device Manager Storage	Volume	Layout Partition	Type File Syste Basic NTFS	m Status Healthy (System)	Capacit [®] 19.99 G				
	Circle Contraction Contractio	(C:) 9.99 GB NTF5 lealthy (Syster	n)						
▼	Basic 19.99 GB Online	9.99 GB Inallocated nary partition							
Bart Image: Computer Manageme 12:08 PM									

4) Right-click on your current hard disk that contained the Windows and select Convert To Dynamic Disk:

Computer Management								
Eile Action View Window Help								
Computer Management (Local)	Volume	Layout	Туре	File System	Status	Capacit		
📄 🎬 System Tools	🗐 (C:)	Partition	Basic	NTES	Healthy (System)	19.99 G		
Event viewer								
E Cocal Users and Groups								
🕀 🐺 Performance Logs and Alert:								
Device Manager								
E Removable Storage								
Disk Defragmenter								
Disk Management						•		
	@Disk 0							
	Basic (C:)		-				
	Online <u>C</u> onvert to	Dynamic D	isk					
	Convert to	GPT Disk		15		=-		
	Basic Properties							
	19.99 GB Help							
		locatoa						
▲	📕 Unallocated 📕 Primar	y partition						
2 Start 3 3 Computer Manageme 12:09 PM								

5) Select the hard disk that you want to convert. Make sure to select the 2nd hard disk you want to add as RAID as well to convert to Dynamic Disk and click the Ok button:

📃 Computer Management						
📃 Eile Action View Window	<u>H</u> elp					ð ×
	7 😼					
Computer Management (Local)	Volume	Layout	Туре	File System	Status	Capacit
E- 🐘 System Tools	(C:)	Partition	Basic	NTFS	Healthy (System)	19.99 G
	t to Dynamic Disk			? ×		
🕀 🔬 Local Users and Gr 🛛 Select	one or more basic disks	to convert to dy	namic d	isks.		
🕀 🕀 Performance Logs Disks:						
Device Manager	sk 0					
🕒 🖶 🎧 Removable Storage 🗆 Di	sk 1					
Disk Defragmenter						
Disk Management						
	F					
	L	K	Car			
	@Disk 1	•				
	Basic					
	Online	19.99 GB Unallocated				
		in nu natition				<u> </u>
		imary partition				
			J			
🏄 Start 🛛 🞯 🥌 👘 🗐 🛄 Com	outer Manageme				1	2:09 PM

6) Click Convert button to proceed:

E Computer Management	×
Eile Action View Window Help	×
Computer Managem Compu	<u>acit</u> 9 G
Local Users : Users : Users : Users : Users : Name Disk Contents Will Convert Device Mana Disk 0 System Partition, Boot Partition, Yes	
Image Removable - Image Removable - <	•
Details	
Lonvert Cancel	
Online Unallocated	-
🏄 Start 🛛 🚱 🥶 🖉 🖪 Computer Manageme 12:09 F	PM

7) Please be advised that you can't convert the hard disks back once to normal once you have converted to dynamic. Click the Yes button to proceed:

E Computer Management
Eile Action View Window Help
Computer Managem Disks to Convert Disks to Convert Disks to Convert The disks that will be made dynamic are shown in the following list. Disks: Disks: Disks:
Performance Name Disk Contents Will Convert
Device Mana Disk Management Disk Defrage Disk Defrage Disk Manage Disk Manage Disk Manage After you convert these disks to dynamic, you will not be able to start other installed operating systems from any volume on these disks. Are you sure you want to convert? Yes No
Convert Cancel
Online
Unallocated Primary partition
🟄 Start 🛛 🚱 🥥 📕 Computer Manageme 12:10 PM

8) Click Yes again to proceed:



9) After the conversion has been done, the system will go for a reboot.

10) Once the reboot done, open back the Computer Management and this time you can see both hard disks are labeled as Dynamic. Right click on the Disk 0 (which contains the operating system) and select Add Mirror (which is similar to RAID1, whereas the Extend Volume option is similar to RAID0) :



11) Now select the 2nd hard disk that you want to add as its mirror (RAID1) and click the button Add:

📃 Computer Management					
📃 File <u>A</u> ction <u>V</u> iew <u>W</u> ind	dow <u>H</u> elp				_ Ð ×
← → 主 🖬 🔮 💵	1 🗗 🚔 🔍 😼				
🖳 Computer Management (L 🗛	dd Mirror	?)	<u>ا</u> ك	Capacity	Free Space
🖻 🌇 System Tools			t)	19.99 GB	18.28 GB 9
 Event viewer Shared Folders Coal Users and G Gerformance Logs Device Manager 	Adding a mirror to an existing volume provides data redur by maintaining multiple copies of a volume's data on diffe disks.	ndancy rent			
E Storage	Select a location for a mirror of C:.				
E Scoraç	Disks:				
Disk Management	CDisk 1		Ľ		Þ
E-∰ Services and Applicati					
			É		
	Add Mirror Car	ncel			
-	Online Unallocated				
•	📔 📕 Unallocated 📕 Simple volume				
2) 2) Start 🛛 🚱 🥥 🖉	J Computer Manageme				12:15 PM

12) Now the system will start synchronizing. Don't worry about the error message appeared since it is only mentioning that the boot file has been copied. Just wait for a while till it finished:

📃 Computer Management						<u>_ ×</u>	
📕 Eile Action View Window H	elp					_ ð ×	
	' 🖻 🔯						
Computer Management (Local)	Volume Layout	Туре	File System	Status	Capacity	Free Space	
E System Tools	🗐 (C:) Mirror	Dynamic	NTFS	Resynching	19.99 GB	18.28 GB	
Shared Folde Logical Disk N	1anager				×		
Local Users Local Users Performance Device Mana Storage Comparison Storage Device Mana Device Mana Dote Mana	Shared Folde Cogical Disk Manager Cogical Disk Manager could not update the boot file for any boot partitions on the target disk. Verify your arcpath listings in file boot.ini or through the bootcfg.exe utility.						
Disk Management						•	
⊕ - 强 Services and Applications	CPDisk 0 Dynamic 19.99 GB Online	(C:) 19.99 Resynd	GB NTFS :hing (Boot)				
	Contemporary Conte	(C:) 19.99 Resynd	GB NTFS ching (Boot)				
	Mirrored volum	е					
🏄 Start 🛛 🞯 🍠 👘 📕 💷 Comp	uter Manageme					12:16 PM	

13) Once the synchronization has been done, this will be the final outlook of your hard disks appearance:

📮 Computer Management						_ 0	×
Eile Action View Window Help							
Computer Management (Local)	Volume Layout	Туре	File System	Status	Capacity	Free Space	•
🖻 🎬 System Tools	🗐 (C:) Mirror	Dynamic	NTFS	Healthy (Boot)	19.99 GB	18.28 GB	ç
Event Viewer							
E Cocal Users and Groups							
🕀 🐺 Performance Logs and Alert:							
🔄 🔜 Device Manager							
E- 🛅 Storage							
Bisk Defragmenter							
Disk Management	•						Þ
🗄 😼 Services and Applications							
	Dynamic	(0)					
	19.99 GB	19.99	GB NTFS				
	Online	Health	/ (Boot)				
	🗇Disk 1						
	Dynamic 19.99 GB	(C:)					
	Online	Health	ad NTES 7 (Boot)				
	Mirrored volum	e					-
J 45		_					
🏄 Start 🛛 🚱 🥭 👘 🖳 Comp	uter Manageme	•				12:58	PM

That is all on how to setup Software RAID on Windows Server 2003. It was relatively easy and quick. Happy Tryin 😕