Enter ទ៩្ឍមនស្នួល ព័ន៌មានទិន្យា អិនន័រ Enter Information Technology Center

សព្វថ្ងៃនេះ ការប្រើប្រាស់កុំព្យូទ័រ គឺជាមធ្យោបាយយ៉ាងសំខាន់មួយក្នុងការដោះស្រាយបញ្ហា និងជួយសំរូលដល់ការ ងារប្រចាំថ្ងៃរបស់មនុស្សដែលរស់នៅលើពិភពលោក។ ភាគច្រើនការងារ ស្ទើរតែទាំងអស់របស់ពួកគេគឺពឹងផ្អែកទៅ លើការ ប្រើប្រាស់កុំព្យូទ័រទាំងស្រុង ដែលជាហេតុទាមទារឲអ្នកប្រើប្រាស់ត្រូវមានសមត្ថភាព និងចំនេះដឹងគ្រប់គ្រាន់ ក្នុងការប្រើប្រាស់ទៅលើវា។

អារម្មភថ

ដើម្បីចូលរួមលើកស្ទួយវិស័យព័ត៌មានវិទ្យា នៅក្នុងព្រះរាជាណាចក្រកម្ពុជា មជ្ឈមណ្ឌលព័ត៌មានវិទ្យា អិនធ័រ ត្រូវបាន បង្កើតឡើងផងផែរ ក្នុងគោលបំនង ដើម្បីជួយបណ្ដុះបណ្ដាលចំនេះដឹងផ្នែកព័ត៌មានវិទ្យាដល់ សិស្ស និស្សិត និងអ្នក សិក្សា ឲមានចំនេះដឹងពិតប្រាកដក្នុងផ្នែកនេះ ជាពិសេសមានសមត្ថភាពច្បាស់ណស់ក្នុងការប្រើប្រាស់កុំព្យូទ័រ។ ដូចនេះសូម សិស្ស និស្សិត និងអ្នកសិក្សាទាំងអស់ ខិតខំប្រឹងប្រែង សិក្សា ស្រាវជ្រាវ និងចាប់យកនូវចំនេះដឹង វែល មជ្ឈមណ្ឌល បានបណ្ដុះបណ្ដាលជូន ដើម្បីឲពេលវេលាដែលអ្នកបានចំនាយ ក្លាយទៅជាប្រយោជន៍មួយយ៉ាងធំធេង សំរាប់ជីវិតរបស់អ្នកនាពេលអនាគត។

យើងខ្ញុំដែលជាអ្នករៀបរៀងនៃ មជ្ឈមណ្ឌលព័ត៌មានវិទ្យា អ៊ិនធ័រ ស្ងមអរគុណចំពោះការគាំទ្ររបស់ សិស្ស និស្សិត និងអ្នកសិក្សាទាំងអស់ និងស្ងមអភ័យ ទោសរាល់កំហុសឆ្គងដែលកើតមានក្នុងករណីណាមួយ ហើយយើងខ្ញុំ នឹងខិត ខំរិះរកនូវអ្វីដែលថ្មីក្នុងផ្នែកព័ត៌មានវិទ្យានេះ ដើម្បីផ្តល់ជូនដល់ អ្នកសិក្សាបន្ថែមទៀត ស្ងមអរគុណ និងស្ងមជំរាបសូរ

EULE

ក្រមអ្នករៀបរៀងនៃ មជ្ឈមណ្ឌលព័ត៌មានវិទ្យា អិនធ័រ



កម្មកេច ក្លាមរួយនៃសៀវភៅនេះត្រូវបាន ផលិតទៀងវិញ ទោះជាមធ្យោបាយណាត៏ជោយ នៅពេលដែលគ្មានការ គ្មានផ្នែកណាមួយនៃសៀវភៅនេះត្រូវបាន ផលិតទៀងវិញ ទោះជាមធ្យោបាយណាត៏ជោយ នៅពេលដែលគ្មានការ អនុញ្ញាតិជាលាយលក្ខណ៍អក្សរ ពីម្នាស់កម្មសិទ្ធ។ អាស័យខ្នារនៈ ផ្ទះលេខ 179 ផ្លូវ 179 សង្កាត់ ទំនប់ទឹក ខណ្ឌចំការមនុរាជធានីភ្នំពេញ Tel: [010-012-016] 603 314

SPURE STREET STREETS

inner.

0

-573569999999 Tel: [010-012-016] 603 314 SAABS FEET BUILLON

Inter The states of the states Website: www.enteritc.com | facebook.com/enteritc -AARTAN - ARTANIC



Server 2003 Advance

v.enteritc.com

មេសាលអូនឆ្នាំរេដ្ឋសាន១នា

1626

កំនត់សំគាល់:

- Host-Name អាចជា NetBIOS name ឬ Alias name (nick name) របស់ម៉ាស៊ីន
- Domain-name អាចជាឈ្មោះរបស់ អង្គភាព
- មានប្រវែង 256 តួអក្សរ
- សំរាប់ប្រើប្រាស់ក្នុង Internet

http://www.google.com.kh

Protocol Prefix



Company name

Domain name

extension

292,00

Country code

Protocol Prefix : គឺជា Protocol សំរាប់ប្រើប្រាស់នៅក្នុង Internet)http មកពីពាក្យ HyperText Transfer Protocol)។ ្វ គឺសំរាប់ប្រើប្រាស់ទូទៅនៅក្នុង Internet (www មកពីពាក្យ World Wide Web)។ Web service Company name: គឺជាឈ្មោះរបស់ក្រុមហ៊ិន (Ex: yahoo, google,facebook, youtube...)។ Domain name extension : គឺជាអក្សរកាត់ សំវាប់បញ្ជាក់ពី Business របស់ក្រុមហ៊ុន

		2
6	Extension	Meaning
0	.biz	Business 50 60
1	.com (.co in UK)	Commercial
	.edu (.ac in UK)	Educational and research
	.gov	Government
	.info	General use
	.org	Non-profit organization
	ego ego	

: គឺជាអក្សរកាត់របស់ប្រទេសដែលក្រុមហ៊ុនស្ថិតនៅ។ Country code

26	Country code	Mean	ing
56	kh 56 en	Cambodia	561 81
ell'n	.kr	Korea	El yr
STI N	.th	Thailand	-25E
. (.	.cn	China	0.0
	.uk	United Kingdom	2.4
	.us	DUSA	STA
	ESS BUILC.	395 0 53°	on
2 656	Renter Spect	www.enteritc.com	Server 2003 Advan

Server 2003 Advance

មត្តមណ្ឌលអ៊ិតធំរ ព័ត៌មានទន្យា

Enter Information Technology Center

Rost C.

3. IP-Base Address

IP-Base Address គឺជា address ដែលប្រើ TCP/IP មានទំហំ 32 bits address (4 bytes) ហើយមានទំរង់ X.X.X.X ។

ក្នុងនោះ

MAC address គឺជា Physical address = Hardware Address មានទំហំ 48 bits (6 bytes) Ex: 00-BA-1F-2E-C1-F2

- Users ប្រើ name-base address ដើម្បី access data នៅក្នុង Network
- System ឬ Network ប្រើ IP-Base address ដើម្បី transfer data នៅក្នុង Network
- ្ត ហេតុដូច្នេះហើយបានជា name services ត្រូវបានបង្កើតឡើងដើម្បី map ពីឈ្មោះ ទៅជា IP address ឬ
- map ពី IP address ទៅឈ្មោះវិញ។

4. <u>Name Services</u>:

Name Services មានដូចជា:

- Cache-base memory
- LMHOST file, Hosts File
- WINS, DNS, DHCP

Method ដើម្បីស្វែងរក IP-address របស់ computer នៅក្នុង network មានដូចជា:

B-node: Broadcast use Cache-base memory

P-note: Peer-to-Peer use (LMHost, Host, WINS, DNS, DHCP)

M-node: Mix use P-node and B-node

Method ក្នុងរក្សាទុកនូវ Name Services របស់ Computer នៅក្នុង Local ឬ Network មានដូចជា:

Flat Text File	C	Database	
LMHost (for network)	WINS(for LAN)	-55 Frist	
HOSTS (for internet)	DNS (for internet)		
25	DHCP (for LAN and inte	ernet) 25	
2.St	2 St	250	C
a floor	15° M	Train C	5
Star Co	S.C.	S.C.	20
EES ON	6-55	it cast	3
E LE LE	S.E. K	S.E. K	
No.	CD. N.C.	CD. N.C.	
562,54	-562 N	-562 N	
-355 1	-255 5	-255 5	
-2 v cr	e Bra	2 Arch	
25	255	25	
2 St	25St	2587	0
- 573° M	Trong	Trong	25
No Contraction of the second	S.C.	32.0	200
ESS THE	KU GEST	it cast	γ_{j}
	5, 6, 10	2,6,16	
2003 Advance	www.enteritc.com	650,01	3
he and	Sinn	S. M.	



භෝභබි 2: ජෝජ Configure WINS (Windows Internet Name Service)

1. <u>តិយមត័យ</u>:

WINS Service គឺជាName Resolution mechanism ដែលប្រើសំរាប់បំលែងពី computer name ទៅជា IP-Address J ដោយសារ users ប្រើ computer name ដើម្បី access data ផ្ទុយពី network ប្រើ IP address ដើម្បី transfer data រហតុដូច្នេះហើយគេក៏បង្កើតនូវ WINS ដែលជា mechanism សំរាប់ភ្ជាប់ឬ map computer name ទៅនឹង IP address

នៅក្នុង WINS គេបែងចែកម៉ាស៊ីនាជាពីរគឺ WINS Server និង WINS Client ។

> WINS Server ផ្ទុក address របស់ clients នីមួយៗ ដែលបានចុះឈ្មោះ (register) ជាមួយវា នៅក្នុង Network ។

	Computer			IP Address	
pc1	(F)	6	192.168.2.3	55°	
pc2	558	Sys	192.168.2.4	5558	
267		BGI O		SGI ON	20

នៅក្នុង scenario របស់ WINS, ដំបូង client នីមួយៗ ត្រូវចាប់ផ្តើមចុះឈ្មោះជាមួយ WINS Server ។បន្ទាប់មកនៅពេលដែល client ណាមួយត្រូវការស្គាល់ IP address របស់ client ណាមួយ ផ្សេងៗទៀត វាក៍បញ្ហូន message មួយសូរទៅ WINS Server ហើយ WINS Server ក៏ check រក IP address នៅក្នុងបញ្លី រួចក៏ផ្តល់ចំលើយមកឲ client វិញ ។ ក្រោយពីស្គាល់ IP address គ្នារួចហើយ ទើបវាចាប់ផ្តើមធ្វើទំនាក់ទំនងតែម្តង។ Database របស់ WINS មានលក្ខណៈជា dynamic ដោយសារ WINS clients ចុះឈ្មោះដោយ ស្វ័យប្រវត្តិជាមួយ WINS Server ។

សារ:ប្រយោជន៍របស់ WINS គឺកាត់បន្ថយមិនឲមាន broadcast នៅក្នុង Network ដែលធ្វើឲ Network ដំណើរការបានលឿន និងល្អ ដោយភាគច្រើនគេប្រើប្រាស់ WINS នៅក្នុង Network ធំៗ ា

ជាទូទៅគេស្រើ WINS Server ចំនួនពីរ គឺ Primary និង Secondary ដើម្បីជួយទប់ការ load ចូលក្នុងម៉ាស៊ីនតែមួយ និងដើម្បីមានការ back up ផងហើយ high performance។

ទំនាក់ទំនងទំនងរវាង WINS Server ទី1 និង ទី2 គឺជា Push/Pull relationship ។









ទទាំងសាលអូនផ្លូវប្អូនទំនាំង



ASTER ANNI PARTY 1. ឈរនៅលើ server1 > ចុច Start Button > Control Panel > Add or Remove Programs > Accessibility Options ty Documents Add Hardware Add or Remove Programs Administrative Tools 1550 ANNINE TEITCOM Automatic Updates Date and Time Display' Administrator M Folder Options 5 Fonts My Computer Manage Your Server Game Controllers Internet Options E3725562000 Control Panel Windows Explorer Keyboard Administrative Tools Licensing 64_ Command Prompt Printers and Faxes Mouse Network Connections Notepad Phone and Modern Options Help and Support Portable Media Devices Search A Power Options EBRANNIE TENEL Printers and Faxes 7 Run **Regional and Language Options** Scanners and Cameras Scheduled Tasks Sounds and Audio Devices Speech Stored User Names and Passwords All Programs . System A REFE Taskbar and Start Menu D Log Off O Shut Down 1 VMwate Tools Windows Firewall 1 Start 2. ចុចលើ Add/Remove Windows Components Button > 🔂 Add or Rem - I X ove Programs Currently installed programs: Sort by: Name Show updates + EFFERENCE ANNINE TERME VMware Tools Size 11.74MB Click here for support information. Used carety To change this program or remove it from your computer, dick Change or Remov Change Remove 1362 656 3. សូម select នៅលើ Networking Services > ប៉ុច Details. Button > 10 5 FETRETELLCON .com 255 in a serie con www.enteritc.com Server 2003 Advance

ຍວາມລາ	age on	6610	6910	6
- ನ್ರ ಕ್ಷ	រលអនធរ ពតមាន១ន្យា	SS. C.	Enter Informa	tion Technology Center
25		EST M	6-53 110	2 6 53 81
50	windows Lomponents Wizard			5° el
1.02	Windows Components You gap add or remove compose	ents of Windows		Town.
P.a. D.	The shart share of the first score spectrum	NUTRY ALL THE MANYTON		EES WILL
				E S Fral
	To add or remove a component, part of the component will be ins	click the checkbox. A shaded box r talled. To see what's included in a c	means that only omponent, click	\vee
	Details.			
	Components:		0.2400	25
	The and the Network File and	Print Services	DOMB 255	T .
	🗆 🍓 Remote Storage		4.2 MB	6
	Security Configuration W	fizard	0.6 MB	29
	II. I. V Terminal Server			6-5578 11
2,0	Description: Contains a variety	of specialized, network-related servic	es and protocols.	2 E C
650	Total disk space required	4.3 MB	Details	650,01
N. ST	obace swimple ou gas:	00/21.0 PD		El Mar
2				2553 1
	<	Back <u>N</u> ext> Can	cel Reb	- Stra
	25	25		25
4.	សូម Tick យក Windows Inte	rnet Name Service (WINS) > ប៉ិប៊ OK Button >្្រ	520
	Networking Services		× 53°	6
	To add or remove a component, of	ok the check box. A shaded box	means that only part	ES.
G	of the component will be installed.	To see what's included in a comp	onent, click Details	6-5578.11
24	Subgempenents of Networking Ser	vicei:		2 EXC
50	Dynamic Host Configuratio	n Piolocal (DHCP)	0.0 MB	65° 0
N.N	Internet Authentication Ser	Vice Sector	D.D MB	- CS NS
2	BPC over HTTP Press	I SERVICE	0.0 MB	2553 1
	Simple TCP/IP Services		D.D MB	-5 H25
	🖬 🖶 Windows Internet Name Se	ervice (WINS)	IL9 MB	
		A DEPARTMENT OF THE DEPARTMENT	-) 6
	Description: Sets up a WINS set	ver that registers and resolves No	#BIDS names for	53
	cherita.		655	
	Total disk space required	52MB	Letals 0	જુલું
	Space available on disk: 8	21.9 MB	Č.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
26		OK	Cancel	2 EST ON
56		a <u>a</u> a	0 ⁵ 2 ³	56° M
	ចុច Next Button > បន្ទាបមក	រានឯដណែវការ Install >	Cp. W.	Conno
L. K	-5612	-==	pracha	-555 brann
S. n.	257	2. (*		())
Sen y	55775 JP	= 5 7 25		55705
"C"nr	ESP2ET N	= 5 Hz)		-13 - F23
Sun	ESP25 N	-25-27-50		EST HS
J. Mark	-295 -295	-352		-5 H2
R. M.			C - S	-57 H2
of Sunny	ESTER SS IN	EST STA	SG TUS	-57 H2 255
o Contra	ESGITON STATE	E G J CON	R 93.7.0	-57 -53 -53 -53 -53 -53 -53 -53 -53 -53 -53 -53
of the second	ES GS J. COM	EST SGITCOM	SEE SUSTIC	F3743
Server 2	EFRET Advance	EFFAN REFERENCE www.enterit	c.com	-57-5-57-5-57-5-57-5-57-5-57-5-57-5-57



មស្មមស្នាលអិនន័រ ព័ត៌មានទន្សា

Enter Information Technology Center

5. ແຍງຍະເລັກາ WINS Service:



Server 2003 Advance 5.GAR

895

www.enteritc.com

Enter	r Information Technol	logy Center	C S S S S S S S S S S S S S S S S S S S	ទទ្ឈមណ្ឌលអិនឆ័រព័រ៍	ະຍາຮອຊງ
26	E-F III	EEST	SEE STON		EES MIL
56	SERVER1 [192.168.2.1] Propertie	s 🤰	X STE	SF	16 Miles
all's	General Intervals Database Veri	fication Advanced	Sler W.	aller 1	1.
2556 200	WINS Server		55 0 m	2556 12 1	
3523		evenri	- 23	55 F/3	5
5	Hours: <u>Minutes:</u> Secon	ds:		Ŷ.	,
				26	2 6
<i>b</i>	Database backup			C F20	652
	Default backup path:	Browse		555	5550
	, Back up database during s	erver shutdown	80	3.2.0	2370
			E ST P	KC.	EST Bill
2,			3, 6, 10	2	E Le
650			R5° Ver	65	1.el
562, 5			- 5 Rain	-562,5	
255		OK Cancel Apply	55 - 7	ESST N	
3.0				23.10	4
	+. ເບັບ ບຸບ ເບ ແລະ ອຸລາມ ບາຍ ບຸບ ເບ	ιαυ > ∩ពដើម្បីឲ្យ Docow ID Λ	drace 1158's Olicate B	មកព្រះបាច់ចុះក្រះកំព	្ត ៣វិសុរិទា
5		ioning is in Renew IP A	TOLESS 1010 CHELICS A LT	ករបរណ៍ប្បានចុះឈ្មោះ	เล็กเบิ>
	CEDVED 1 [102 168 2 1] Propertie			25 St	Egger
	General Intervals Database Veril	ication Advanced		J°C	895°0
	Set the rate at which records are re-	enewed, deleted, and verified.	Es.	×C.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
26	Days	Hours Minutes	2553	2	EST SIN
56	<u>R</u> enew interval:		56° ent	SF	1º CUL
S'N	Extinction interval:		L'an.	Low	2.
2550 0	Extinction timeout: 6		555° M	25550	
3 Pres	Verification interval: 24 🚔		25	====	4
		Restore <u>D</u> efaults			
				25	2.0
				2520	2573
				530	553.0
			Con Con	32.0	2900
6			6-55 8		E ST & ITC.
5		OK Cancel Apply		2	E TE
CC3.	N.	Cp. N.	all we	62	Ne
-55 62 N	-55	25 M	-5562 1	-55 63 N	
23	- 5 Production		- Stal	-522	_ 1
6. <u>៖ម</u> េ	<u>មមន្តាញ Record ដែល</u>	เมละเสรือ WINS Data	abase:	~	4
-0	1. ບຸບັ Start Button > Adr	ې ninistrative Tools > WINS	2	26	2.5
2	2523	- 65	j's	C S S S	C SP
	5580	5582		ET STOR	5580
	292.01	2920	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	32.01	237.01
	EST P. IC.	E EST P . IC.	a Ala	KC-	ESS Pitte
2	E Le	S.E. LC	2 Fride	2	E LO
14 56	1.el	Style www.e	nteritc.com	Server 200	3 Advance
562 N	-5	La Sh	5 Rd NN	562,5	1



















ឧសីតេយីរសអូចនេះ បុម្មសទទនប

មេទៀននី 3: សិគ្សាពី DNS (Domain Name System)

1. <u> និយមន័យ</u>:

55565

DNS គឺជា name resolution mechanism ដែលប្រើនៅក្នុង Internet/ Intranet/ Extranet ដើម្បីបំលែងពី host name (www.enter.com) ទៅជា IP address (Ex: 200.200.200.1) ។ នៅក្នុង DNS គេចែកម៉ាស៊ីនជាពីរគឺ DNS server រហាថា Name Server និង DNS client ហៅថា Resolver ។

មុខឯាររបស់ DNS គឺបង្កើតនិង គ្រប់គ្រង IP address របស់ DNS clients ហើយផ្តល់ DNS service សំរាប់រក IP address ដើម្បីផ្តល់ចំលើយទៅកាន់ DNS client វិញ។ និយាយរួម DNS គឺជាអ្នកបង្កើត address website នីមួយៗ ដែលផ្ទុក (hosting) នៅ លើម៉ាស៊ីន Web server ។ DNS client ហៅថា Resolver មានមុខងារសំរាប់រក IP address របស់ website ឬ web server ហើយប្រាប់ទៅ web browser វិញ។ ក្រោយពី web browser ស្គាល់ IP address រូចហើយវាក៍ចាប់ផ្តើម ធ្វើទំនាក់ទំនងជា មួយ web browser ផ្ទាល់តែម្តង។ DNS clients នីមួយៗ ត្រូវចុះឈ្មោះជាមួយ DNS server ដោយដៃរបស់ Administrator (static record)។

Ex: www.enter.com = 192.168.2.1 www.microsoft.com = 200.200.200.1

2. Name Registration:

គ្រប់ DNS clients ត្រូវការ configured វាជាមុនឲស្គាល់ DNS server របស់វា ដែលនៅ ក្បែរវាបង្អស់(Local DNS server) ដើម្បីឲ DNS client ធ្វើការចុះឈ្មោះជាមួយ។ ភាគច្រើន DNS client ទាំងនោះគឺជា web server រឺ Mail Server ។ DNS client ចុះឈ្មោះជាមួយ DNS server របស់វាតាមរយ: Administrator (ចុះឈ្មោះ ដោយដៃ) ដូច្នេះហើយ database (រឺ records ទាំងអស់) របស់ DNS គឺមានលក្ខណ:ជា static ។

3. Name Resolution:

នៅពេលដែល DNS client ត្រូវការរក IP address របស់ DNS client មួយទៀតនោះវា តែងតែបញ្ចូន query មួយសូរទៅ DNS server របស់វា បន្ទាប់ម័ក DNS server ក៏ចាប់ ផ្តើមស្វែងរក IP address នោះ ហើយឆ្លើយប្រាប់មក DNS client វិញដែលជា Resolver ។ ក្រោយមក Resolver ក៏ប្រាប់ IP address នោះទៅ web browser ដើម្បីធ្វើទំនាក់ទំនង។

4. <u>Zone</u>:

នៅក្នុង DNS មាន Database មួយដែលត្រូវបានប្រើប្រាស់ ដើម្បីធ្វើការ store ទុកនូវព័ត៌មានមួយចំនួនដែលរៀបរាប់ពី Domain ហើយឈ្មោះរបស់ Zone គឺមានលក្ខណៈដូចទៅនឹងឈ្មោះរបស់ Domain ផងដែរ។ Zone ត្រូវបានបែងចែកជា 2 ប្រភេទដែលមានដូចជា Forward Lookup Zone និង Reverse Lookup Zone ។ > Forward Lookup Zone គឺជា Zone មួយដែលត្រូវបានប្រើប្រាស់ដើម្បីធ្វើការ នៅពេលដែលយើងដឹងពីឈ្មោះរបស់ ម៉ាស៊ីន ហើយត្រូវការដឹងពី IP Address វិញ។ មានន័យថា Forward Lookup Zone គឺជាអ្នក Map ពី Computer Name ទៅនឹង IP Address របស់វា។ Forward Lookup Zone ត្រូវបានរក្សាទុកនូវ Record មួយចំនួនដូចជាៈ Host Records ។ > Reverse Lookup Zone គឺជា Zone មួយដែលត្រូវបានប្រើប្រាស់ដើម្បីធ្វើការ នៅពេលដែលយើងដឹងពី IP Address របស់ ម៉ាស៊ីន ហើយត្រូវការដឹងពី IP Address វិញ។ មានន័យថា Reverse Lookup Zone គឺជាអ្នក Map ពី IP

Server 2003 Advance

ຍຽງຍຎຼາຎໞ໊ລສຳຕໍສິນລອສ

www.er

www.enterit

Address ទៅនឹង Computer Name វិញ ។ Reverse Lookup Zone ត្រវថានរក្សាទុកនូវ Record មួយចំនួនដូចជា: Pointer Record (PTR) ป

មកេននៃ Records:

Records សំខាន់ៗនៅក្នុង Zone មានដូចជា Host Record, PTR Record, CNAME Record ដែលក្នុងនោះ: > Host Record: ឬហៅឈ្មោះមួយទៀតថា A Record មានមុខងារសំរាប់ធ្វើការភ្ជាប់ (Map) ពី Host Name ទៅនឹង IP Address របស់ម៉ាស្ទីន។

Ex: SERVER2 192.168.2.2

> PTR Record មានមុខងារសំរាប់ភ្ជាប់ (Map) IP Address ទៅនឹង Host Name វិញម្តង Ex: 192.168.2.2 IN CNAME SERVER2

CNAME Record មានមុខងារសំរាប់បង្កើតឈ្មោះក្រៅ ឬឈ្មោះថ្មីមួយទៀតទៅឲម៉ាស៊ីន។ SEVER2 Ex: www IN CNAME

6. FQDN:

FQDN = fully Qualified Domain Name គឺជា Host name ដែលមានទំរង់ជា: Host-Name.Domain-Name

www.enter.com

Host Name

Domain Name

ដែលក្នុងនោះ

24 56

Host name = អាចជា NetBios name ឬកំ alias name FQDN គឺជា Host name ដែលផ្គុំចេញពីច្រើនម៉ាស៊ីន ដែលពាក់ព័ន្ធ ឬ link គ្នាពីមួយទៅមួយ តាមទំរង់ hierarchy ហើយ នៅក្នុង hierarchy structure នេះគេមាន DNS server និង hosts ជាច្រើនដែលតំឡើងនៅតាម ISP នីមួយៗ ទូទាំងពិភពលោក ហើយត្រូវបាន link គាពីមួយទៅមួយ តាមរយ:ការចុះឈោះ។ DNS Servers ទាំងនោះត្រូវបានគេចែកជាបី Level គឺ Root, Top និង Second Level 🤈

is of of office

in enteri

Root DNS server នៅ Root Level លើគេបង្អស់ បន្ទាប់មកមាន DNS server ជាច្រើនទៀត ដែលបានចុះឈ្មោះជាមួយ Root។ DNS server គឺត្រូវបានគេចាត់ទុកថា នៅក្នុង Top Level ហើយពីក្រោម Top Level មាន DNS servers ជាច្រើនទៀត ដែលចុះឈ្មោះជាមួយវា ត្រូវបានចាត់ទុកថាជា Second Level ។

www.enteritc.com

Server 2003 Advance







ຍຽງຍณูลຎໞີລະະຕໍ່ສົ່ນຂອຊງາ

ou

8. 555 Install DNS Service:

9

25

9

53 Fr

25

9

25

្យីមី Install DNS Service: 1. ឈរលើ Server1 ដើម្បី Install DNS service ជា Primary DNS server ដោយចុច Start Button > Control Panel >

on

Hy Documents			510	
Hy Documents		Accessibility Options	55175	
		Rdd Hardware	~	
		Add or Remove Programs		
		Automatic Lipidates	25	
My Computer		Date and Time	6520	
Administrator		💁 Display	36	
Administrator		Folder Options	Sec.	a
Manage Your Server	My Computer	G Ponta	2	C2
	Planta	Same Controllers		550
Windows Explorer	Control Panel	Fintemet Optors	20	67 × 0
	Administrative Tools	Licensing	56	100
Gn_ Command Prompt	Printers and Faxes	House	06	Nº.
-		Network Connections	· 568, N	
Notepad	😗 Help and Support	Phone and Modern Options	255 5	
	Search	Portable Media Devices	-5775	
	177 Burn	C. Brinters and Enves		
	C) Date	Regional and Language Options		
		Scanners and Cameras	. 25	
		Scheduled Tasks	167	
		Sounds and Audio Devices	N° C	
		Speech Speech Security and Research	0	20
All Erograms		System		S
		Taskbar and Start Nenu		6-53
and the second se	Tod ou O suffe	Down 🔄 VMware Tools	5	8 20
🐮 Start 📴 🙍		Windows Firewall	50	0
2. ບໍບິ Add/Remove Wind	lows Components >	Co D.	00	2.
		92.512-	56 m	
B Add or Remove Programs			N N N N N N N N N N N N N N N N N N N	
		1	25	
Currently installed program	e) [Show updates Sort by Name		
Currently Installed program	e)) [Show updates Sort by Name	= -5 Prot	
Currently initialed program Opinge or Recover Programs Cick here for support in Tacharas list	e f	Show updates Sort by Name Sont 11.24 Used Larg		
Currently installed program Programs Programs Add Typer	e E	Show updates Sort by Name Som <u>11.74</u> Used <u>Cars</u> ange or Ressorve. Change Remov		
Currently installed program Change for Recover Programs Add from Program	e formation, cor remove it from your computer, clck Or	Sont by Name Sont 11.74 Used 1925 wrope of Researce. Change Remove		
Currently initialed program Response Respons	e Carmellado. c ar remove it from your computer, click Ch	Show updates Sort by Name Sim <u>11.740</u> Used <u>rars</u> ange of Remove. Change Remov		
Currently installed program Programs Add filements Add filements Add filements Windows	e Constituto. : cor remove it from your computer, click Ch	Show updates Sort by Name Som <u>11.74</u> Used <u>cars</u> wrope of Remove Change Remov		C C
Currently installed program Charge for Receive Receive Receive Receive Add graw Program Add graw Program Add graw Program Add graw Program Add graw Program	e Cometico. c or remove it from your computer, click Ch	Show updates Sort by/ Name Skini <u>11. /vir</u> Used <u>rars</u> ange of Remove. Change Remov		
Currently initialed program Programs Add (geny Programs Add (geny Add (ge	e Constant, cor remove it from your conquiter, clch Or	Show updates Sort by Name Son <u>11.74</u> Used <u>1975</u> ange of Remove. Change Remov		E E E E E E E E E E E E E E E E E E E
Currently initialed program Persone Program Add (june Program Add (june Add (ju	e ព normation, or remove it from your computer, cith co rking Services > ប៊ុប៊ E	Show updates Sort by Name Som 11. 22 Used Carr onge of Remove Change Remove Carge Change Remove		and the second s
Currently initialed program Parage or Program Add There Add Th	៖ ព normation. commonse it from your computer, cki C rking Services > ចុំច E	Show updates Sort by Name Son 11.74 Used 1222 ange of Resource. Change Remove		E E E E
Currently initialed program Personer Add Them Program Add Them Program Add Them Program Concorrents 3. 유닷턴 select II 전 Network	e ព្រះ of remove it from your computer, ddi Ch rking Services > ប៊ុប៊ូ ប៊ូ E	Show updates Sort by Name Som 11.72 Used Care organ of Fermione Changer Remove Changer Remove Changer Remove Changer Remove		KEA RE
Currently initialed program Property Add Therefore Add Therefore Brogram Add Therefore Add Therefore Brogram Add Therefore Brogram Add Therefore Brogram Add Therefore Brogram Add Therefore Brogram Add Therefore Brogram Add Therefore Brogram Add Therefore Brogram Brogram Add Therefore Brogram Brogram Add Therefore Brogram Br	ទេ ព្រះ dematen, commuter, det computer, det co rking Services > ចុច ច C	Show updates Sort by Name Sort 11.74 Used 1222 ange of Resource. Change Remove Age	Soft State	FE STREET
Currently initialed program Personer Add Hern For accord in To charge this program Add Hern For accord in To charge this program Add Hern For accord in To charge this program Statistics Add Hern For accord in To charge this program Statistics Sta	e ព្រះ demotent reneway it from your computer, clch Co rking Services > ចុំប៊ D	Show updates Sort by Name Son 11.24 Used Gar argen of Ferrores Change Remov Detail Button >5600 cm	ESTATION STREET	E E E E
Currently initialed program Receive Receive Add (june Program Add (june Add (june Add (june Program Add (june Program Add (june Add (june A	៖ ពេ formation or remove if from your computer, clob Co rking Services > ប៊ុប៊ូ ប៊ូ [Show updates Sort by Name Sort 11.22 Used Carr organ of Ferrores Change Remove Change Remove Change Remove Change Remove Change Remove	EFRAL N	is the start
Currently initialed program Property Add Therefore Add Therefor	៖ ព្រ normation, commuter, dot computer, dot co rking Services > ចុច ច C	Show updates Sort by Name Sort 11.24 Used 1222 argent Factors Detail Button > 56% entre EEREE & M.M.	Sofas Sofas OM Estate Sofas	EST BE
Currently installed program Personer Add There Program Add There Program Concorrents 3. Sty 14 select ISU Network Concorrents	៖ ព លោកសារ or remove it from your computer, dob to rking Services > ប៊ុប៊ D	Show updates Sort by Name Son 11.22 Upd (222 argen of Foresone) Detail Button >560° Eric Eschaft Balance	ESPECTIVE STATES	E STREET
Currently initialed program Receive Receive Add from Program Add from Statistics Components S. AN & select IN Network EFRES S. AN & Select IN Network EFRES S. AN & Select IN Network S. AN & Select	៖ ព normation rking Services > ចុំចំ D	Show updates Set by Name Set 1/2 Used Car Ourge of Ferrore Change Remove As	ESPECTION CONTRACTOR	is an and a second
Currently initialed program Currently initialed program Whence Tools Cold here for accord Add for Add for	e ព្រ damatan rking Services > ចុច ច C	Show updates Sort by Name Son 11.24 Used Gar argent Forecover Detail Button > 5600 cm Each for bottom		E E E
Currently initialed program Personner Add Speed Add Speed Program Add Speed Program Add Speed Program Add Speed Add Speed Program Add	ະ ເ formation. references at from your computer, etch co rking Services > ຖິເອ E	Show updates Set by Name Set 11.22 Used Car Ourge of Ferrore Change Remove Change Remo		Stanter Menter
Currently initialed program Receiver Add Barnery Add Barnery Moderner Add Barnery Add Barnery Ad	s ព្រ formation remove it from your computer, etch co rking Services > ប៊ុប៊ E	Show updates Set by Name Set 11/2 Used Car arge of Ferrore Detail Button > 50% of the Escher bergen with the set of the Escher bergen with the set of the Escher bergen with the set of the set of the Escher bergen with the set of the set of the Escher bergen with the set of the set of the set of the Escher bergen with the set of the		A CALLER AND A CALL
Currently initialed program Currently initialed program Whence Tools Cold back for accord Cold back for accord To change the program S. AN B' select INT Network Carrently initialed program Cold back for accord To change the program Cold back for accord Cold back for accord Cold back for accord Cold back for accord Cold back for accord To change the program Cold back for accord Cold back	s در formation, tor remove it from your computer, edd of rking Services > ۲۹۲۵ E how how how how how how how how how how	Show updates Set by Name Set 11.24 Used Car argent Ferrores Change Remove Detail Button > 560 P. C. C. Set A. C. Change Remove Set A. C.		E E E E E E E E E E E E E E E E E E E
Currently initialed program Receiver Add Survey Add Survey Add Survey Conductors Add Survey Conductors Add Survey Add Survey Conductors Add Survey Add Survey Conductors Add Survey Conductors Co	ייש אונער איז	Show updates Set by Name Set 11/2 Upd (22) Change Remove Detail Button > 500 entre EFREI PERMINENT EFREI PERMINENT EFREI PERMINENT EFFE	Server 200	S Advan
Currently initialed program Receiver Add Barrent Add Add Add Add Add Add Add Add Add Add	* ۲	Show updates Set by Name Set 11/2 Upd Car arge of Ferrore Detail Button > 500 entre EEFERST Set 500 weeks of the ferrore EEFERST Set 500 weeks of the ferrore EEFERST Set 500 weeks of the ferrore EEFERST Set 500 weeks of the ferrore Set 500 weeks	Estate of the second se	Advan



fechnology Center	2 × C.	្តាតស្ព័តរបឹរលអន	ສະຕຸສຸຄາຮອສໃນ
653	, ill'	EST ON	SEE SI SIN
: Wizard	×.	1º Chi	56000
Completing the	Windows	N	Upring
Components wi	zaru	555	and
Components Wizard.	leted the Windows	ES Fral	
\leq		\checkmark	
		555	
		Etz B	650
0		295,00	295,0
To close this wizard, click Fin	sish.	S. C.	S. C.
	6	E B CINE	2 EE EN ON
	p	1º CC	Spell
< Bask Finish] Help	N.	Up N.
257 5		5,2556	
all DNS service [916 SE	ERVER2 ដែលជា Second	lary DNS Server ក៏អនុវត្តិដ្	ចខាងលេធងដេរ។
1	V	V	
	a		
Zone គជា Zone មួយ ដែ	បេត្ររបនេរប្រប្រាស់ដើម្បី	ធ្វេការ នៅពេលដែលយេឯដ	ាំជាឈ្មោះរបស ក
វិការដឹងពី IP Address វព្	្យ។ មាននយថា Forward l	Lookup Zone គឺជាអ្នក Map	ព Computer
Address របស់រាំ។	95,00	292 0	292,0
on > Administrative Tool	s > DNS >	Ser C.	SPS. IC.
			2652
rver 😏 My Computer			STER
rver St My Computer	, 🚰 Certification Authority		Le ny ente
rver SMy Computer r Control Panel Administrative Tools	Certification Authority	25556	ann shi an
rver String Paral r Administrative Tools Control Paral Para	Certification Authority Conter Administrator Component Services Computer Management	5577556	2 CLANN ON ON
rver St My Computer r Professional Panel Professio	Certification Authority Custer Administrator Component Services Computer Management Configure Your Server Woard Data Sources (ODBC)	5577556	Les hene
rver Striker States	Certification Authority Guster Administrator Component Services Computer Management Configure Your Server Witard Data Sources (ODBC) Distributed File System Cost	-574556	C. C. L. S. C.
rver String Search	Certification Authority Custer Administrator Component Services Computer Management Configure Your Server Woard Data Sources (ODBC) Cistributed File System City Dets Livent Viewer Event Viewer	-5745	and the enter
rver Street Support r Sr S	Cartification Authority Custer Administrator Composer Services Computer Management Configure Your Server Woard Data Sources (COBC) Distributed File System Configure Your Server Licensing Local Security Policy	Estas Fastas	REAN PENCE
rver Sin My Computer	Certification Authority Custer Administrator Component Services Computer Management Configure Your Server Waard Data Sources (ODBC) Cotributed File System Constructed File System Construct		REFUND ENTE
rver Strand Parel Pare	Cartification Authority Custer Administrator Computer Management Configure Your Server Woard Data Sources (COBC) Cistributed File System City Deta Sources (COBC) Cistributed File System City Deta Sources (COBC) Cistributed File System City City City City City City City City	onfiguration	REFORE CALL
rver Sil My Computer	Certification Authority Component Services Computer Management Configure Your Server Woard Data Sources (ODBC) Distributed File System Configure Your Server Local Security Policy Manage Your Server Microsoft .NET Framework 1.1 Co Microsoft .NET Framework 1.1 W Context Local Balancing Manager Context Local Balancing Manager Performance	surfiguration tearch	2 E F E E E E E E E E E E E E E E E E E
rver r r r r r r r r r	Cartification Authority Custer Administrator Component Services Computer Management Configure Your Server Weard Data Sources (COBC) Clabibuted File System Configure Your Server Event Viewer Custoring Event Viewer Custoring Constitute Framework 1.1 Co Microsoft .NET Framework 1.1 W Microsoft .NET Framework	anfiguration werds	Annie files
rver Si My Computer er Si My Computer (provid Panel Admissionality Tools Printers and Passes (p) Help and Support Search Bun Europe Log Off (0) Shut	Cartification Authority Custer Administrator Computer Management Configure Your Server Woard Data Sources (COBC) Cotributed File System Cots Event Vever Cotosing Cots Event Vever Cotosing Coto	orfiguration teards	REFERENCE STREET
rver er er er Picters and Paces Picters and Picters Picters and Picters Picters Picters and Picters Picters Picters P	Cartification Authority Custer Administrator Component Services Computer Management Configure Your Server Woard Data Sources (ODBC) Costructed File System Cost Distributed File System Cost D	sup Zones > New Zones	REFERENCE STREET
rver er er er My Computer © Control Panel Proters and Paces @ telp and Support Search 한 Bun Support Search 한 Bun	Cartification Authority Custer Administrator Component Services Computer Management Configure Your Server Woard Data Sources (COBC) Clobibuted File System Cods Event Newer Clobibuted File System Clobibuted	sup Zones > New Zone 5	and the state of t
	Wizard Completing the Components Wi You have successfully comp Components Wizard To does the wizard dick Fin all DNS service เราโต SE <u>Aup Zone:</u> Zone คืนา Zone មួយដែ การដឹងពី IP Address វិញ Address รับญัว่า ว on > Administrative Tool	Wisard Components Wizard You have successfully completed fre Windows Components Wizard You have successfully completed fre Windows Components Wizard To does fre wixed. dot Finith It obse fre wixed. dot Finith It obse fre wixed. dot Finith It DNS service I Fliß SERVER2 ដែលជា Second Mund Zone: Zone គឺជា Zone មួយដែលត្រូវបានប្រើប្រាស់ដើម្បី ការដឹងពី IP Address វិញ។ មានន័យថា Forward I Address របស់វា។ on > Administrative Tools > DNS >	Witard Completing the Windows Components Wizard You have naccessfully completed file Windows Components Wizard To does the wicard dick Fristh It is the wicard dick Fristh It is the wicard dick Fristh It is the wicard dick Fristh It DNS service Is flip SERVER2 ใน้อย M Secondary DNS Server ก็หลุ่มกญส์ Mup Zone: Zone គឺ th Zone មួយដែលត្រូវបានប្រើប្រាស់ ដើម្បីធ្វើការ នៅពេលដែលយើងដ៏ To the structure Tools > DNS >







មត្តមណ្ឌលអិតធំរ ព័ត៌មានទន្យា

Enter Information Technology Center

10. <u>ការមខ្មើត Reverse Lookup Zone</u>:

Reverse Lookup Zone គឺជា Zone មួយដែលត្រូវបានប្រើប្រាស់ដើម្បីធ្វើការ នៅពេលដែលយើងដឹងពី IP Address របស់ ម៉ាស៊ីន ហើយត្រូវការដឹងពីឈ្មោះរបស់វាវិញម្ដង។ មានន័យថា Reverse Lookup Zone គឺជាអ្នក Map ពី IP Address ទៅនឹង Computer Name វិញ ។

1. ចុច Mouse ស្តាំនៅលើ Reverse Lookup Zones > New Zone... >














www.enteritc.com



To al	21		GQ)
ษณาถหรือสูเ นุษุคงอองใ	233,00	Enter Informatio	n Technology Center
EEE CHE	5 Cill	EESTEVILL	ESTEVIC
enter.com Properties	118	Sec. 1	
Name Servers WIN5	Zone Transfers	CB.N.C.	CD N.C.
6 General Start	of Authority (SOA)	2 2 Jul	55 6 2 N
Status: Running	Peuse		RE
Type: Primary	gange	~	
Replation: Not an Active Deputation ellegistic	d zone		
Zone file name:		255	C
enter.com.dns		Et St	C 4
Dygenic updates: None		895°01	895°
Allowing nonsecure dynamic updates is a vulnerability because updates can be ac	a significant security coepted from untrusted	S.XC.	S. C.
sources.	in Department	SEE ED CONT	2 EEEB CH
To set agrig/scavenging properties, click Agrig	g. Agrg	56 en	56 en
		L'enn.	Tom.
		o No	25550 3
			20
		4	A CL
	Cancel Acctr	4	P.C.
	Cancel (Scot)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	J.C.
3. ជ្រើសរើសយក Only to the follow	<u>cancel</u> ing servers > នៅក្នុងប្រ	រអប់ IP address: សូម កំនត់	192.168.2.2 > ប៊ុច Add
3. ជ្រើសរើសយក Only to the follow Button > ចុច OK Button >	cancel <u>សហ</u> ing servers > នៅក្នុងប្រ	រអប់ IP address: សូម កំនត់	192.168.2.2 > ប៊ុច Add
ា 3. ជ្រើសរើសយក Only to the follow Button > ចុច OK Button > Entercom Properties	Cencel <u>វេលា</u> ing servers > (នាំក្នុងប្រ ាំដ	บหบ่ IP address: សូម กู้สุดิ	192.168.2.2 > ຖິຍັ Add
្រុះ 3. ជ្រើសរើសយក Only to the follow Button > ចុំថ្ OK Button > enter.com Properties General Start al Name Servers WDIS	Cencel <u>Annual</u> ring servers > (នាក្ដុងប្រ 21 x Authority (SOA) Zone Transfers	าหบ่ IP address: ญษ ก็สุด	192.168.2.2 > ຖິບິ Add
្រុ 3. ជ្រើសរើសយ័ព Only to the follow Button > ថ្វិមិ OK Button > Enter com Properties General Start of Name Servers WINS A zone bransfer sends a copy of the zone to req	Cencel <u>ទេក</u> ring servers > (នាំក្នុងប្រ រាំជ វ Authority (SOA) 2one Transfers puesting servers.	រអប់ IP address: សូម កំនត់	192.168.2.2 > ប៉ុប៊ Add
្រុ 3. ជ្រើស អើស យ័ព Only to the follow Button > ប៊ុម៊ OK Button > Enter com Properties General Start of Name Servers WithS A zone transfer sends a copy of the zone to req IF Algo zone transfers:	Cencel <u>Arctiv</u> ting servers > (នាំក្នុងប្រ <u>។ xi</u> f Authority (SOA) Zone Transfers questing servers.	ามบ่ IP address: ญษ ก็สูติ	192.168.2.2 > ម៉ិមិ Add
្រុ 3. ជ្រើសរើសយក់ Only to the follow Button > ប៉ិច OK Button > enter.com Properties General Start of Name Servers WDS A zone bransfer sends a copy of the zone to req F Algu zone bransfers: D any server	Cencel <u>Arctiv</u> ting servers > (និាក្នុង (រិយា វិយា រិយា Transfers puesting servers	ามช่า IP address: ญษ ก็สุดิ	192.168.2.2 > บุ๊บ๊ Add
្រុ 3. ជ្រើស រើស យក Only to the follow Button > ប៉ិ ចិ OK Button > softer.com Properties General Start of Name Servers Withs A zone brandfer sends a copy of the zone to req P Algor zone transfers 	Cencel <u>Arctiv</u> ring servers > (នាំក្ដុង (<u>៖ ×</u> Authority (SOA) Tone Transfers puesting servers.	าหบ่ IP address: ญษ ก็สุด	192.168.2.2 > QÜ Add
OK 3. ប្រើរី សា ហើសា ហើសា ប្រទេ Button > ប៊ូ ចើ OK Button > Enter.com Properties General Start of Name Servers Name Servers WINS A zone bransfer sends a copy of the zone to req IP Align zone transfers Ip any server Only to genvers listed on the Name Server IP only to the following servers IP address:	Cencel <u>Autority</u> ring servers > (នាក្នុង (រាក Transfers puesting servers. ers tab	รมช่า IP address: ญษ ก็สิติ	192.168.2.2 > Q Q Add
ে 3. ជ្រើ ស អើ ស យ គឺ Only to the follow Button > ប៊ ট OK Button > contend Start of Name Servers WDS A zone bransfer sends a copy of the zone to rec F Algor zone transfers: D any server C Only to general isted on the Name Server (* Only to the following servers P address: 192 168 2 4 Agd	Cencel <u>វេលា</u> ting servers > (នាំពុំង) វី X Authority (SDA) Zone Transfers questing servers. ers tab	ามช่ IP address: ญษ ก็สุดิ	192.168.2.2 > QÜ Add
Cor 3. I[j] & I] &	Cencel <u>Avery</u> ing servers > (\$1) m to (1 x) Authority (SOA) Zone Transfers auesting servers. ers tab	ามข่ IP address: ญัย ก็สิติ	192.168.2.2 > QÜ Add
OK 3. I[법 & II I & II I & III & Only to the follow Button > 법 & OK Button > Extended and Start at Mane Servers Mane Servers WINS A zone brander sends a copy of the zone to real I Ages zone transfers I parry server Only to general isted on the Name Server Only to the following servers I states:	Cencel <u>Aver</u> ring servers > (នាំក្នុង (រំហារ Authority (SOA) Zone Transfers puesting servers. eis tab	มหบ่ IP address: ญษ ก็สุด	192.168.2.2 > QÜ Add
ে 3. ট্রেরিটাটের টেরিটাটের সি Only to the follow Button > ট্রিটাটের সি Button > soler.com Properties General Start of Name Servers WDG A zone bransfer sends a copy of the zone to rec P Algor zone bransfers: D any server Only to general isted on the Name Server Only to the following servers B address: 192-168 2 2 2 Add Server	Cencel <u>វេលា</u> ting servers > (នាំក្នុង) វ Authority (SDA) Zone Transfers questing servers. eis tab	ามข่ IP address: ญษ ก็สุดิ	192.168.2.2 > QÜ Add
Corrections and a server of the server of the following servers with a server of the	Cencel <u>Autor</u> ing servers > (ST n to to T x Authority (SOA) Zone Transfers puesting servers ers tab	มมข่ IP address: ญัย ก็สุดิ การกระการเกิด การกระการเกิด การกระการเกิด การกระการกระการกระการกระการกระการกระการกระการกระการกระการกระการกระการกระการกระการกร	192.168.2.2 > QÜ Add
OK 3. I[ji] & J Ii & J II & J III & J III & J IIII & J IIII & J IIII Button > Ii & OK Button > Start al Name Servers Mane Servers WINS A zone brancher sends a copy of the zone to require transfers Iiii p any server Only to general isted on the Name Server Iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	Cencel <u>Automatical Control</u> ing servers > (S) ŋ h (1 x 4 Authority (SOA) Tone Transfers questing servers. ers tab of zone updates, cick	JHU IP address: WH ASA	192.168.2.2 > QÜ Add
Cor 3. If β & I I & D II & D III & D II & D III & D II &	Cencel Automatic (SOA) Image: Solution of some updates, clck Notify	JHU IP address: AJH ART	192.168.2.2 > QÜ Add
OK 3. I[j] & SJ IJ &	Cencel Automa ing servers (Sing bridge) I automay (SOA) Image: Soal (Sing bridge) <t< td=""><td>JHU IP address: AT THE TRANS</td><td>192.168.2.2 > QÜ Add</td></t<>	JHU IP address: AT THE TRANS	192.168.2.2 > QÜ Add

Server 2003 Advance sand the www.enteritc.com

1 200





Enter Information Technology Center

ັຍວຼ່າຍຄູກເນສີລສໍາຕໍ່ສິນຄອສຸງ

16. ණුඩ්ප Store DNS සිට Active Directory:

យើងអាចធ្វើការ synchronize និង Update DNS ដោយភ្ជាប់វាជាមួយនឹង Active Directory ផ្ទាល់តែម្តងកំបាន ប៉ុន្តែ លុះត្រាណា ម៉ាស៊ីនរបស់យើងមានតូនាទីជា Active Directory ផងនិងជា DNS Server ផង។ 1. ម៉ាស៊ីន Server ត្រូវ Install Active Directory និង DNS Service ឲរូចរាល់ បន្ទាប់មកស្លមចូលទៅកាន់ DNS >











ទស្ពីនេះសាល់អូនឆ្នាំ ជូមូសទទន្សា

Enter Information Technology Center

មេះវៀននី 4: សិក្សាពី IIS (Internet Information Services

IIS (Internet Information Services) ឬ Web Services គឺជា Service មួយសំរាប់ឲ្យប្រើប្រាស់នៅក្នុង Internet ឬ Intranet សំរាប់ធ្វើការ Hosting Website ។ Web Server មានតូនាទី រក្សាទុកទិន្នន័យប្រភេទជា Web page សំរាប់ បង្ហាញព័ត៌មាននៅលើ Web Browser នៅពេលដែល Client បាន access ទៅកាន់ និងផ្ទុកទិន្នន័យមួយចំនួនផ្សេង ដែលសំរាប់ឲ Client ឬ users អាចធ្វើការ download បានផងដែរ។ ជាទូទៅនៅក្នុង Internet ទាំងមូល គ្រប់ Website ទាំងអស់គឺត្រូវរក្សាទុក និងដំនើការបានអាស្រ័យទៅលើ Web Server ជាអ្នកគ្រប់គ្រង ថែរក្សាឬផ្តល់ Service។ ភាគ ច្រើនគេធ្វើការ Configure Web Server ដោយភ្ជាប់ជាមួយនិង DNS មកជាមួយដែរ ដោយ Web Server មានតូនាទី បង្ហាញ Website ទៅដល់ Client ចំនែក DNS ជាអ្នកណែនាំ និងប្រាប់ដល់ Client ពី address របស់ Web Server នោះ។

នៅក្នុង IIS ត្រវបានបែងចែកម៉ាស៊ីនជាពីរប្រភេទដែលមានដូចជា Web Server និង Web Client ដោយ Web Client គឺជាម៉ាស៊ីន Client ដែលត្រូវ Access ទៅកាន់ Web Server តាមរយ: DNS ដើម្បីធ្វើការ។ នៅលើម៉ាស៊ីន Web Server គឺត្រូវធ្វើការបង្កើត Website សំរាប់បង្កើតជាទីតាំងរក្សា Website និងត្រូវបង្កើត FTP Site សំរាប់បង្កើត Administrator ដើម្បី access ទៅកាន់ Website ក្នុងគោលបំនង edit និង update ទិន្នន័យរបស់ website ។







Enter Information Technology Center

ິ ຍຽງຍຎຼາຎໞີວສຳຕໍສິຍາວອຣງ





Com

- A A whi.



Enter Information Technology Center

្វធត្ថាទទាំងទទាំងទះព័ត៌សាងទំនាំ

ESASTER MUNICIPALITY COM

Je Mana 5. សូម Tick យក Common Files, File Transfer Protocol (FTP) Service, Internet Information Service Manager, 62 PS why e

ັຣີ໖ World Wide Web Services >



6. ប៉ិប៊ OK Button >

	Application Server		×
55	To add or remove a component, click the check box. A shaded of the component will be installed. To see what's included in a of Subcomponent of Americation Security	box means that only component, click Detr	pert site
2	Application Server Console Asp. NET	0.0 MB 0.0 MB	-
	Control COM + access Control COM + access Control Comment Information Services (IIS)	0.0 MB 0.0 MB 27.4 MB	
5	Ist Message Queuing	7.0 MB	-
- Chi	Description: IIS Includes Web, FTP, SMTP, and NNTP supp for FrontPage Server Extensions and Active Ser Total did more remaind. 15.1 MB	ort, along with suppor ver Pages (ASP).	_
-5 F.J. N	Space evailable on drik: 8232.6 MB	OK Cance	
~			_

7. ចុច Next Button ហើយសូមរងចាំ >

0







ទេស្លឹតសំខេត្ត ជូមូសទទនប	295 jon	Enter Information 7	Technology Cente
E E E E E E E E E E E E E E E E E E E	E ES E III	EESSI	655
Web Site Creation Wizard			S.E. K.
Web Site Description Describe the Web site to help administrators i	identify it.	D N. C.	Es Ne
3		·	SCH. N
Type a description of the Web site.		25	2 2
Description:		-27 m	×
ENTER1			
		25	
		- CF2°	
		55.85	
		29201	ଟ୍ଟ୍
		Se. K.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
2		- SEET ON	2 66 57 81
55	< <u>B</u> ack <u>N</u> ext> Cancel	55 00	561000
5 Bassissi Enter the ID addres		lovt Button >	alpiny.
o. IIn Dran ⊏iller the IP addres	а нышн тэг. 108.2.2 > (56 m
IP Address and Port Settings		A Sta	
Specify an IP address, port setting, and ho	st header for the new Web site.		
Enter the IP address to use for this Web sit	e:		
192.168.2.2		25	
<u>ICP</u> port this Web site should use (Default:	80):	EST.	
80		a Tran	
Host header for this Web site (Default: Non	ie):	83300	633
		ESSIE	6-55 6-11
2		S.E. X.	S.E. K.
2		Dele	Bile
For more information, read the IIS product of	locumentation.	Nº .	562 N
	a Dark News Course		
		-3.0	
6. ក្នុងប្រអប់ Path សូមចុច Brows	se ដើម្បីទៅស្វែងរកទីតាំងនៃ	Folder ដែលបានរក្សាទុក Web	osite >
25	25	25	
C-552	2550	2 SFI	
5330	53.0	53.0	d
Web Site Creation Wizard	×	2320	ZG.
Web Site Home Directory The home directory is the root of your Web conte	ent subdirectories.	SP B. C.	and
Enter the path to your house directory	1997	2 E LON	S.E. S.
S Linker the pain to your nome directory.		(5), 01	56,00
Path:	Browse	E. M.	L'an.
		3	So M
IM Allow anonymous access to this Web site		55 Fr	>
		\checkmark	
		255	
		25 St	
	Back Next> Cancel	a find	a C
	S° C.	22200	S
7. 00 ON DULLON >	E S CIT	EES . II	6-57-11
	AR NO	S.E. X.C.	56 10
ver 2003 Advance	www.enteritc.	.com	62.61. 5.
NY ER	Nº S	12 Jun	E CA NY
- " V	- 41		





6-55/2	nation Technology (EST BiltC.	6-557 8		CSS SIL
enter1 Pro	operties		? XI 2 6 X C		2 EV LON
Web:	Site Performance	ISAPI Filters Home Direct	ory Store	F	0,01
Docum	ents Directory Security	HTTP Headers Custom Er	rors	6933	22
	nable default <u>c</u> ontent page			255 1	
	Default.htm Default.asp	A <u>d</u> d		23 Pres	
	index.htm	Remove			
				25	
	Move Up	Mo <u>v</u> e Down		2520	
	nable document footer			5530	~
Al	ppend an HTML formatted footer to e erver returns	every document your Web	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	3. 0	29)
		Browse	ET P	XC.	STP.IC
2]	<u>bj</u> 0936777	26 10		SEL SI
C5t			50,01	- C)° et
N. N			e na	- Al	25
2			17	2553 5	-
	ОК	Cancel <u>Apply</u> H	lelp	23 A33	
13. ចុច /	Add Button ហើយក្នុងប្រ	អប់ សូមសរសេរ index.	html > OK Button >		
enter1 Proj	perties		<u>? ×</u>	255	
Web S	ite Performance	ISAPI Filters Home Directo	ry	25 St	C
Docume	ents Directory Security	HTTP Headers Custom Err	ors	n° j	895
En	able default <u>c</u> ontent page		65		Si
2	0.0	A <u>d</u> d	JESE ST		EEE CONT
Add C	ontent Page	<u>R</u> emove	a for an		Ele Cle
Defai	ult content page:		Up W.	Cer	Nº.
		-1	377	-556 b	5
	OK Cancel	Laur Web		ESFAS	
ser	ver returns.	very docamency our web		\checkmark	
S ADEC Test	เรี client1 เซลร	, S Web Server 55 Sta	กระส์ กทร.	2 6	
. <u> </u>			<u>ទៅទើមមាច</u> ថាទើមមាច៖ ចំពោះ		ຕາຮ່ວວຮ່ອ
រណាញារព្រ			o st NotPice Name ²	ร์สายเกาะ เป็นเป็น เป็น เป็น เป็น เป็น เป็น เป็น	שלאמידווה ב
		រប្រប្រាប់អោក Addres	ร ឬ INELDIUS INAME IA		29)
1. 10014	០ ០០៤៤៧០ លោយសូមថ្ងៃ			KC.	E.S.P. H
2. ក្នុង U	ន⊾ Box សូមរាយ http://1	92.168.2.2 ឬ http://ser	ver2		2 F XC
R5° el	F)° CI	ass, el	F)° el
R. M.	- 6-3- N	1 ²⁷	E C. L. Mar	- 12 J -	25
2	2553 1	2	55 5	2553 1	50
	53723	-51	62	53 Krs	
	255	255		255	
	25 Br	Egger		25 St	C
G	no Ca	aglin	<i>a</i> 0	no C	897
S	3.×C.	5.00	S	×C.	Si
	11 M	61	6 \ .		SI'N
2855		SEED ON	2859 0		ES ON
50 - 2 FE II 1		www.ente	ritc.com	Server 20	03 Advance









Enter Information Technology Center , Cente ឧស្តានស្ទាលអ៊ីនធំរ ព័ត៌មានទន្សា annow enterit New Zone Wizard × Per let Reverse Lookup Zone Name A reverse lookup zone translates IP addresses into DNS names To identify the reverse lookup zone, type the network ID or the name of the zone. Network ID: 192 .168 .2 ESASTER MUNICIPALITY COM The network ID is the portion of the IP addresses that belongs to this zone. Enter the network ID in its normal (not reversed) order. If you use a zero in the network ID, it will appear in the zone name. For example, network ID 10 would create zone 10.in-addr.arpa, and network ID 10.0 would create zone 0.10.in-addr.arpa. C Reverse lookup zone name: For more information on creating a reverse lookup zone, click Help. < <u>B</u>ack Next > Cancel Help ្រាំ ប៉ិ Next Button > New Zone Wizard Zone File You can create a new zone file or use a file copied from another DNS server Do you want to create a new zone file or use an existing file that you have copied ESASTER WWW. Enterit. Con from another DNS server? EB-RATE ENERIE • Create a new file with this file name: 2.168.192.in-addr.arpa.dns \bigcirc Use this existing file: To use this existing file, ensure that it has been copied to the folder %5ystemRoot%\system32\dns on this server, and then click Next. < Back Next > Cancel Help 14. Next Button > Ì ew Zone Wizard Dynamic Update You can specify that this DNS zone accepts secure, nons updates. ERATE ANNIA CHERITCOM ecure, or no dynamic in the work of the state of the Dynamic updates enable DNS client computers to register and dynamically update their resource records with a DNS server whenever changes occur. Select the type of dynamic updates you want to allow: Allow only secure dynamic updates (recommended for Active Directory) This option is available only for Active Directory-integrated zones. Allow both nonsecure and secure dynamic updates Dynamic updates of resource records are accepted from any client. This option is a significant security vulnerability because updates can be Δ accepted from untrusted sources. Do not allow dynamic updates Dynamic updates of resource records are not accepted by this zone. You must update these records manually. < <u>B</u>ack Next > Cancel Help 5 15. ប៉ិបិ Finish Button > SEARS SEE STRATES STRATES SPARSA CELES STAT www.enteritc.com Server 2003 Advance





istate www.enteri ្ត មក្លមេណួលអិនធំពេ័ត៌មានទន្យា Enter Information Technology Center "www.enter 2,556,000000 ? × Alias (CNAME) ? × Browse Look in: • £ 🛐 enter1.com Records: Туре Data Name server2 Host (A) 192.168.2.2 Rate www.enteritc.on ESCH NUM. ENERIE Selection: Hosts and Aliases (A and CNAME Records) • Record types: Cancel 22. ບຼິບິ OK Button > ? × w Resource Record Alias (CNAME) SAFE MUNN ENTERITC. ON Alias name (uses parent domain if left blank): www ASTER MUNNENTERITC. Fully qualified domain name (FODN): www.enter1.com. Eully qualified domain name (FQDN) for target host: server2.enter1.com Browse... OK Cancel 25 6. ភារធ្វើ Test លើ CLIENT1 នៅភាន់ Web Server ក្រោយពេលធ្វើ DNS: 185676 H 18 1 Felicon បន្ទាប់ពីយើងបានធ្វើការ Configure DNS រួចកាល់ហើយនោះ ធ្វើឲ Client1 គឺអាចធ្វើការទំនាក់ទំនងទៅ កាន់ Web Server មានដោយអាចប្រើប្រាស់ជាមួយនឹង Domain Name ដូចជា server2.enter1.com ឬ www.enter1.com ប្ ា ឈរលើ CLIENT1 ហើយសូមចូលបើក Web Browser ណាមួយ > REFERENCE 2. ក្នុង URL Box សូមវាយ http://server2.enter1.com ឬ http://www.enter1.com com offers softerite. - A ASAFE ANTE Server 2003 Advance www.enteritc.com



Enter Information Tech	nology Center	SC .	្តីទទ័រឧទ័រទទ័រទទំរួន	ສໍ ເຕັສິຍາຂອຊຖິ
EEE CIT	EEST	655	10 110	EESCIT
enter1 Properties		2×	Ke.	S.E. K.
Documents Directory 9	Security HTTP Headers Cu:	tom Errors		E.N.C.
Web site identification	nce ISAPI Filters Home	Directory	-56	13. 32
Description:	1	2	255	2
IP address: 192.1	68.2.2 T	Ivanced]	23 Pro-	
<u>I</u> CP port: 80				
			25	
Connection timeout:	120 seconds		- 6530	- (
Enable HTTP Keep-Alives			- SIST	55
Enable logging			292.01	29)
Active log format:		~	Site	5°
W3C Extended Log File Fo	ormat <u>Properties</u>	2557	xet	2 EE 57 x 01
5		5500		561000
L'é		Up. W.	~	Up 12.
bran 1		all all	655	and and a second s
	K Cancel Apply	Help	ES Fish	
3. សូម Select លៃ IP ac	aress លាយចុច Edit Butto	n >		
Advanced Web Site Identifica	tion	×	255	
Multiple identities for this Web	site		25 St	25
IP address TC	P port Host header value		all's al	369750
00			65.00	2220
		655	, ill	E S CIT
2		26	Nº I	Ele ale
<u>A</u> aa		E.N.		all N.C.
Multiple SSL identities for this V	Veb site	2,5	-56	13 July
IP address	SSL port		-25	1.
			6D. (c	
	1 - 1 - 1		25	
Agd	Kempye Edji		284	Oc.
OK	Cancel <u>H</u> elp		5750	5753
4. ក្នុងប្រអប់ Host Head	ler value សូមសរសេរ www	enter1.com > OK Butt	22200	230
Add/Edit Web Site Identificati	on X	6.55	18.16	E ESTE IL.
Identification		5,6,	Ke.	S.E. Le
[P address: 192.168	3.2.2	650,0		as let
TCP port: 80		ECH NN	66	P. N.
Host Header value	nter1.com	255 5	255	2
		ed has	23 Pro-	
OK Cano	el <u>H</u> elp			
26		24	2 6	
653	_ (520	- 653	
ES P	Est.		- SAR	55
295/00	29.).0	<u>e</u> .	295/0	29.)
S.xC.	S.C.	~	S. C.	5
2 EEED OT	2 EEED ON	2653	, er	2 EEED ON
70 56 61	So www.	enteritc.com	Serve	r 2003 Advance
CPN	Up. N.	Up. N.		Up. N.
613 2	563,54	562,5	56	2,5
មេះវៀឆនី 5: វេទៀម Configure FTP (File Transfer Protocol)

1. <u>តិយមត័យ</u>:

ទស្តីនៃស្នាលអ៊ីនធំរំ ព័ត៌មាន១ន្យា

FTP គឺជា Service មួយសំរាប់ប្រើប្រាស់គ្នាប់ជាមួយនឹង IIS បន្ទាប់ពី Website Service ដើម្បីធ្វើការ transfer file រវាង Local Computer ជាមួយនឹង Remote Computer ។ Local Computer គឺជាម៉ាស៊ីន Client សំរាប់បើក Website ចំនែក Remote Computer គឺជា Web Server ដែល Store Website ។ ដើម្បី access ទៅកាន់ Remote Computer បានលុះ ត្រាណា Local Computer មាន User Account ប្រភេទ Administrator ដែលបានបង្កើតឡើងដោយ Web Server ក្នុង គោលបំនងសំរាប់ឲ User ដែលស្ថិតនៅលើ Local Computer មានសិទ្ធ update ឬ edit ទិន្នន័យរបស់ខ្លួននៅលើ Web Server បានដោយផ្ទាល់។ ដូច្នេះ User ណាមួយដែលមាន FTP Account គឺអាចធ្វើការជា Administrator នៅលើ Website របស់ខ្លួននៅក្នុង Web Server ដែលខុសពី User ធម្មតាដែលគ្មាន FTP Account សំរាប់ចូលទៅ edit Website នោះទេ គឺមានសិទ្ធត្រឹមតែ View មើលតែប៉ុណ្ណោះ។

Ex:

> ដើម្បី access ទៅកាន់ Website នោះគឺត្រូវវាយ http://www.enter1.com

> ដើម្បី access ទៅកាន់ FTP Site នោះគឺត្រូវវាយ ftp://www.enter1.com

ក្នុងការ Access ទៅកាន់ Web Server តាមរយ: FTP គឺមាន 3 Method ផ្សេងគ្នាដូចជា:

> តាមរយ: Command Prompt

> តាមរយ: Web Browser

> និងតាមរយ: FTP Site ម្ងុយចំនូន។

2. <u>៖មេ្យមមេខ្លើត User Account</u>:

មុនពេលដែលយើងត្រូវធ្វើការ Configure ទៅលើ FTP Site នោះយើងត្រូវធ្វើការបង្កើតនូវ User Account មួយសំរាប់ ដែលមានតូនាទីជា Administrator របស់ Web site ដោយមានសិទ្ធ Log in ចូលទៅកាន់ Web Server ដើម្បីធ្វើការ edit ឬ Upload ទិន្នន័យចូលទៅកាន់ Web Server ។ ក្នុងនោះ User Account យើងអាចយកចេញពី Local User ក៏បាន ឬពី Active Directory ក៏បានក្នុងករណីដែលម៉ាស៊ីនជា Web Server ផង និងជា Domain Controller ផង។ 1. ចុច Mouse ស្តាំលើ My Computer យកពាក្យ Properties >

ny compace.	Open E⊻plore
	S <u>e</u> arch
	Manage
Places	Map <u>N</u> etwork Drive
	Disconnect Network Drive
	Create Shortcut
	<u>D</u> elete
	Rena <u>m</u> e
	Properties

2. សូមចូលទៅកាន់ Local Users and Groups > Users >

Server 2003 Advance

www.enteritc.com















្ត ធស្លាធស្នាលអិនធរព័ត៌មាន១នភ្លា









<u>ិមក្លាមណ្ឌលអិនចំព័ត៌មានទន្យា</u>



ឧសីនៃយ៉ាលអូនឆ្នាំ បុម្ភសទទខំរ

Enter Information Technology Center enter

14. បន្ទាប់មកសូមធ្វើការ Copy ទិន្នន័យពី Local ទៅ Remote ទៅតាមតំរូវការ > 15. នៅពេលចប់រូចរាល់ហើយនោះសូមចុច Server Menu > Disconnect (Ctrl+D)

		And the second sec		CONCEPTION AND ADDR.		
🔁 enter 1 @wv	vw.enter1.com - FileZilla				L	
File Edit View	Transfer Server Bookmarks	ation				
	Reconnect	CTRI +R				
Host: www.en	ter1.com Disconnect	CTRL+D	•••••	Port: Quicke	onnect	
Response: Command:	200 Type PASV Search remote files.	F3				~
Response: Command:	227 Ente Enter custom comma LIST Eorce showing bidd	and				
Response: Response:	125 Data 226 Transfer complete.					_
Status:	Directory listing successful					~
Local site: C:\		~	Remote site: /			*
∰ ⊟33 My C ⊕-33 A	omputer 4:					
E 😜 🤇	:					
	ų	~				
Filename /	Filesize Filetype	Last modified 🔨	Filename /	Filesize Filetype	Last modified	Permissi
boot.ini	211 Configurat 0 System file	on S 6/25/2012 6: 6/25/2012 6:	index html	27 HTML Docu	7/3/2012 10:23	
index.html	27 HTML Docu	ment 7/3/2012 7:5		2, 11112, 5004		
	0 System file	6/25/2012 6:				
<			<	1111		>
Selected 1 file. To	ital size: 27 bytes		1 file. Total size: 27	' bytes		
Server/Local file	Direction R	mote file	Size	e Priority Status		
Queued files	Failed transfers Success	ful transfers (1)				
				A I	💷 Queue: empty	
				NAMES OF A DESCRIPTION OF		
start	12 enter1@www.enter1					10:23 PM
N.	al N.		all all	1.	er.	N.
9	562 1		SCH N		-6 F2 , 5	5
	2550 5	2	52 5		2550 5	
	55 Pro-	551	65		ES Pas	
	26	26		2	6	
	533	593		5	33	
6	Je Contraction	Eg B		2538	_	
agi	on	ag To M		a for		a
SSO		65.00		65.00		ç
5 il	65	J. H	6	5001		6.550
	5,6	X.C.	2,5		2	6 1
C	50,0		50	e	5	0
	Sin		S. J	2 -	Sid	2
	2550 0	0	459° N		255° N	
	ESFRE	-55	- Les		= 5 Fiel	
		\checkmark			\checkmark	
	25	25		2,	5	
	22	520		25	2	
0	6	22				
	Se la	ES P		5538		
C G T	100	EST. ON		2951-0		0
and	oll	E G J ON		595 O		0 CL
Ser Contraction	58 . .011	Reg Jon	- (c.	557 815 11C.		E E E E
	285	Reg Lon	rite com	FET RECEITLY	2	ES ES ES
2003 Adva:	nce	www.ente	ritc.com	ET SGJ CON	- RSF	E E E E E E E E E E E E E E E E E E E
003 Adva	nce	www.ente	ritc.com	Enterit.	and	A CHART





895

មេះវៀននី **6**: រេម្យមមេខ្លើត File Server

1. <u> និយមន័យ</u>:

- File Server គឺជា Server មួយដែលមានគ្លូនាទី ទទួលខុសត្រូវលើការផ្ទុក និងចាត់ថែង Resource ទៅឲ Clients សំរាប់ ប្រើប្រាស់នៅក្នុង Network តែម្លយ។ ដូច្នេះ គ្រប់ Clients ទាំងអស់ពុំចាំបាច់ធ្វើការ store data នៅលើ Drive, Flash, ឬ External Hard Disk ទៀតទ្បើយ។
- ក្នុងនោះ File Server មានមុខងារសំខាន់មួយទៀតដោយត្រូវធ្វើការកំនត់សិទ្ធទៅដល់ Clients នីមួយៗក្នុងការ Access ទៅកាន់ Data ដើម្បីប្រើប្រាស់បាន។ ក្នុងនោះសិទ្ធក្នុងការ Access ទៅកាន់ Data ឬ Resource ត្រូវបានបែង ចែកជា 3 ប្រភេទខុសៗគ្នា ដែលមានដូចជា:
- > Read : មានសិទ្ធិក្នុងការ អានឬមើល ហើយអាចធ្វើការ Copy ចេញបានតែប៉ុណ្ណោះ
- > Change : មានសុំទ្ធិក្នុងការ អានឬមើល ហើយអាចធ្វើការ Edit ប៉ុន្តែមិនអាចធ្វើការឈ្នះទិន្នន័យបានឡើយ
- > Full Control: មានសិទ្ធិគ្រប់យ៉ាងក្នុងការប្រើប្រាស់ ទិន្នន័យដោយអាចកែប្រែ ឬល្មបុរចាលបាន។

- តាមឧទាហរណ៍ខាងក្រោមបង្ហាញពីការ Install File Server ហើយម៉ុននឹងធ្វើការ Install File Server នោះ
- > សូម Install Active Directory ដែលមានព័ត៌មានដូចជា IP:192.168.2.1/24, DNS: 192.168.2.1 Domain:enter.com
- > បង្កើត OU មួយឈ្មោះ Enter
- > បង្កើត Users ចំនួនពីរដែលមានឈ្មោះដូចជា user1 និង user2 ហើយដាក់វានៅក្នុង OU Enter
- > បង្កើត User Profile និង Homedir ទៅឲ Users ទាំងពីឲបានត្រឹមត្រូវ
- 1. ឈរលើ Server1 ហើយសូមចូលទៅកាន់ Start > Administrative Tools > Configure Your Server Wizard >

	90	40	-	40	h
			3	Computer Management	
		- Administrative Tools	_` 🛸	Configure Your Server Wizard	
		Printers and Faxes	7	Data Sources (ODBC)	
6			🕹	Distributed File System	
2°	Notepad	Help and Support		DNS	
6			6	Domain Controller Security Policy	
1		Jearch	6	Domain Security Policy	
5		7 <u>R</u> un	5	Event Viewer	
0			۲	Licensing	
				Manage Your Server	E)
				Microsoft .NET Framework 1.1 Configuration	
				Microsoft .NET Framework 1.1 Wizards	
			<u>ø</u>	Network Load Balancing Manager	
			1	Performance	
			G	Remote Desktops	
			9	Routing and Remote Access	
	All Programs 🔸		÷	Services	
	-	🖸 Las Off 🗖 Shuk Da	_ Þ	Terminal Server Licensing	
				Terminal Services Configuration	
G	🍠 Start 🛛 🞯 🧾			Terminal Services Manager	
3	· ~ ~	No. No		No. No.	
ein 1	2003 Advance	So er www.	ente	eritc.com	
)	.0.	N.C.			





ESPECTOR NO

ទស្ពមស្នាលអិនចំពេ័ត៌មានទទ្ធក

3 តមៀមមើលនិត្តន័យដែលចាន Shared ភូម Network:

Enter	Information Technolo	bgy Center	လူစည်းစူးမှုန	ເດາມກອນແຂກເກອນໃ
3. 1823	មមើលនិត្តន័យដែលគ្នា 1. សូមចូលទៅកាន់ Start >	<mark>ਏ Shared ਜ਼੍ਰੋਣ Networ</mark> - Administrative Tools >	<u>k</u>: File Server Management >	25 EB RANNIN PHEIR
ELAS	Windows Explorer	Administrative Tools	· 실 Dr's Management 같 Distributed File System 柔, DNS	199
5	Notepad Configure Your Server Wizard	elp and Support Search Run		395
56			Licensing Manage Your Server Microsoft .NET Framework 1.1 Configuration Microsoft .NET Framework 1.1 Wizards Network Load Balancing Manager	SEE THEIL
E REELER RANN	All <u>P</u> rograms ►		 Performance Remote Desktops Routing and Remote Access Services 	255 6 Stor WWW.
	🏄 Start 🛛 🕑 🥭	Log Off 🚺 Shut Down	 Terminal Server Licensing Terminal Services Configuration Terminal Services Manager 	
5				

2. សូមចូលទៅកាន់ Share Folder Management > Shares បន្ទាប់មកវានឹងបង្ហាញពី Folder ទាំងអស់ដែលបាន Shared នៅក្នុង Network >

	📴 File Server Management							
	🔂 Eile Action Yiew Window	<u>H</u> elp					l	_ 8 ×
2	🛐 File Server Management (Local)	Share N 🛆	Folder Path	Туре	# Client Connections	De:	Actions	
	🗄 🔂 File Server Resource Manager	R ADMIN\$	C:\WINDOWS	Windows	0	Rei	Shares	
0	🕀 🐴 DFS Management	₩ C\$	C:\	Windows	0	Del	5110125	
•	🖹 🚡 Share Folder Management	R IPC\$		Windows	2	Rei	More Actions	•
	🖻 💭 Shared Folders		C:\WINDOWS\SYSV	Windows	0	Loç		
	Shares	SYSVOL	C:\WINDOWS\SYSV	Windows	0	Loç		
	Sessions	i 👰 user 1	C:\Homedir\user1	Windows	1			
	Disk and Volume Management	Reguser2	C:\Homedir\user2	Windows	1			

3. សូម Select លើ user1 Folder > សូមចុចត្រង់ More Actions ហើយចុច Open ដើម្បីបើកវា ឬចុច Stop Sharing 13 15 12 0 0 S 1 mm 2m

File Server Management Image: Construct of the server Management (Local) Image: Construct of the server Resource Management (Local) Actions Image: File Server Resource Management (Local) Share N / Folder Path Type # Client Connections Der Image: File Server Resource Management (Local) Share N / Folder Path Type # Client Connections Der Image: File Server Resource Management (Local) Share Folder Management Share Folder Management Share Folder Management Share Sissions Image: City Windows 0 Der Image: Shared Folders Share Folder Management Windows 0 Local More Actions Image: Shared Folders Shared Folders Windows 0 Local More Actions Image: Shared Folders Shared Folders Windows 0 Local More Actions Image: Shared Folders Shared Folders Shared Folders Windows 0 Local Image: Sessions Open Files Open Files User1 Windows 1 Mindows Local Image: Sessions Open Files Share Sister Si		កសាកនុខusico កេញរញ		9920		892 O	0			C
Image: Pile Action View Window Help Image: Pile Server Resource Management (Local) Share N ▲ Folder Path Type # Client Connections Der Actions Image: Pile Server Resource Management Image: Pile Serv		📅 File Server Management								x
Image: Product of the server Resource Management Share N Folder Path Type # Client Connections Der Image: Product of Management Share Source Management Share Folder Management Share Source Management Source Management Source Management Source Management Source Management More Actions Source Management Source Management More Actions	G	🔂 Eile Action <u>V</u> iew <u>W</u> indow	Help						_8	×
Image: File Server Management (Local) Share N ▲ Folder Path Type # Client Connections Der Image: File Server Resource Management DFS Management C:\WINDOWS Windows 0 Ref Image: Share Folder Management Share Folder Management Image: Share Folder Management	2.0		3 🔟							
Image: File Server Resource Manager Image: File Server Resour	50	📴 File Server Management (Local)	Share N 🔺	Folder Path	Туре	# Client Connections	De:	Actions		
Image Des Management Image C\$ C:\ Windows 0 Def More Actions Image Share Folder Management Image Share Folders Windows 0 Loc User1 C:\WINDOWS\SYSV Windows 0 Loc Image Share Folders Sessions Image Stare Folders Windows 0 Loc User1 C:\WINDOWS\SYSV Windows 0 Loc User1 Stare Folder More Actions User1 Stare Folders User1 Stare Folders User1 All Tasks Refresh Image Disk and Volume Management Image Disk and Volume Management Image Disk Actions Image Disk Image Disk<	2.02	🗄 🖶 File Server Resource Manager	ADMIN\$	C:\WINDOWS	Windows	0	Rei	Shares		
Shared Folders Sessions Open Files Disk and Volume Management Sessions Disk and Volume Management Sessions Sessions Disk and Volume Management Sessions Disk and Volume Management Disk and Volume Ma	56 B 15	E Share Folder Management	Ind C\$	C:/	Windows	0	Del	More Acti	ons	×
System C:\WINDOWS\SYSV Windows 0 Lot Open Files Disk and Volume Management System C:\Homedir\user2 Windows 1 User2 C:\Homedir\user2 Windows 1 Refresh	2512 1	Shared Folders		C:\WINDOWS\SYSV	Windows	2	Loc			
Sessions Open Files Disk and Volume Management Image: C:\Homedir\user2 Windows 1 All Tasks Refresh	Pas		SYSVOL	C:\WINDOWS\SYSV	Windows	0	Log	useri		-
Disk and Volume Management		Sessions	user1	C:\Homedir\user1	Windows	1		<u>Mi O</u> pe Stol	3N D Sharing	
All Tasks Refresh		Disk and Volume Management	Suser2	C:\Homedir\user2	Windows	1		200	o ondring	=
Refresh								All T	ias <u>k</u> s	•
Ester Ester								Ref	resh	
		258		258		25,8	2			
$\begin{pmatrix} \zeta_{i} \\ \zeta_$		513 6		22.0		513	3			
		2920		2920		290,0				C
		South	0	Sil		South			~	3
	6	EF IL	655	1.10	3	6-55 (1)			6.53)
	2,0		2.6	X.C.	2	it is in the second sec			2.6	×
88 Shi Server 2003 Ad	88 56	es l	50 0	www.ente	ritc.com) of	1	Server 20)03 Ad	lv
Up W. Up W. Up W.	Cpr	1.	Up.N.		Cpr	Nº.		Up	Nº	
- 5 Gri M - 5 Gri M	-562 N	-56	2,5		562,5	1-		582	5	

Server 2003 Advance

ទស្ដីទេឆាសអូនឆ្នាំ ជុម្មសទទទាំ

Enter Information Technology Center

4. របៀបបញ្ចើត Shared Folder:

1. សូមចុចលើ More Actions ដែលស្ថិតនៅខាងក្រោម Shares > New Share >



	a fin	C To	10	3 CT 3 M	2 Tim
Enter	Information Tech	nology Center	, ,	្តិទទ្ធរទឆ្នាលអំព	ාස් ස්භිහිති දී
2		E E E	2 55 53	ett	SEE TO SOLVE
56	Browse For Folder	<u>? X</u>	5600		56° cm
Sp.	click Make New Folder.	snare. To add a new rolder,	Tony.		Up N.
3 proph	🗉 🥪 Local Disk (C:)		2555 BURN	255	a har a h
	Documents and S	Settings	55 7/2	55 725	4
			~	~	
	E CYCLER		2.5	2.5	2.5
	⊞		533	553	5
		C53	2	Est.	E.S.F.
	Folder: EnterShared	S.c	20	2920	2920
	Make New Folder	OK Cancel	5	Site	SPS: KC.
20	5 BB Novt Button >	25	3.65	et'	2 E LEVE
050	Ebaro a Felder Wizard	56' 21	56		(5°) er
N.	Folder Path			-	R. Mr.
1	Specify the path to the f	older you want to share.		2553	2
				53725°	4
	<u>C</u> omputer name: [SERV				
	Tune the path to the City	u upph to skere as allels Deer and the st	na faldar ar a dd a maw	25	25
	folder.	want to snare, or click browse to pick th		258	282
	Eolder path: C:\En	terShared	Browse	- 515° M	- 515° M
	Example: C:\Do	cs\Public		8320	833 D CO
-6			-5		EST. W
32					- Cle ne
2					Cern.
22		< <u>B</u> ack <u>N</u>	ext > Cancel	2553	a tank
	6. ບິບິ Next Button >	5	-5 H.S	55 723	4
	Share a Folder Wizard		×		
	Name, Description, and	Settings	al so	25	2.5
	Specify how people see	and use this share over the hetwork.		2553	0.52
	Type information about the sh	nare for users. To modify how people use t	he content while offline,	5753	553
	Share name: Enters	hared		2320	2300
6	Share nath: \\SEB	- VER1\EnterShared	-5	e le	EEST CIT
20	Description:			Nº I	S.C. T.
2	Offline settina: Selecte	ed files and programs available offline	Change		CP. N.
2				-55	Star N
0				-525	
				~	4
			1		1. A.A. 1.
		< <u>B</u> ack <u>N</u>	ext > Cancel	255	25
	7. វើសយក Permissio	n ណាមួយទៅតាមតំរូវការ	ទ ប៊ុប៊ Finish Button >	E.S.B.	C. S. S. S.
	295,00	295	50	295,00	295,00
	S.S. C.	S.C.	2	S. C.	58°
20	En ell	2 EE T EN	2557	en	2 FE T ON
056	en	Soler www.	enteritc.com	Serv	er 2003 Advance
10 1	2.	- C. nn.	- CS mm.	_(E nn.
- 97		20 1	200	-5	v



Server 2003 Advance

-=AA65

www.enteritc.com

ទស្លឹតសឹមសមួនផ្លូលអ្នងខ្លាំងអូន១៩៦

2. ចុចលើ Open File ដើម្បីមើលពីព័ត៌មានរបស់ File ដែលកំពុង ប្រើប្រាស់នៅលើ Shard Folder របស់ Server

The server Management (Local) Open File Accessed By Type # Locks Open M							
🗄 🛃 File Server Resource Manager	C:\EnterShared	USER2	Windows	0	Read		
CFS Management Share Folder Management Share Folder Management Share Folders Shares Shares Shares Shares Disk and Volume Management	C:\EnterShared\install_fl	USER2	Windows	0	Read		

6. <u>කාභුවිතුස් File Screening Management</u>

File Screening Management គឺជា Console មួយដែលត្រូវបានប្រើប្រាស់ដើម្បីធ្វើការ filters ទៅលើ Files ត្រូវបាន Shared ឲប្រើប្រាស់នៅក្នុង Network ។ វាជាអ្នកកំនត់ពីប្រភេទ Files ណាមួយដែលអាចឲ Shared ឬប្រភេទ Files ណាមួយដែលមិនអនុញ្ញាតិឲ Shared នៅក្នុង Network។

Administrators អាចប្រើប្រាស់ File Screening ដើម្បីផ្តល់ភាពងាយស្រលក្នុងការការពារមិនឲ Users ធ្វើការ Save ប្រភេទ File មួយចំនួន (audio, video) នៅលើ Network Folders ដើម្បី ជៀសវាងពីការផ្ទុកទិន្នន័យលើសពី Quota ដែលបានកំនត់ ។

92 5555 Enterite

File Groups គឺជាការ Block ឬ Allow ប្រភេទ Files មួយចំនួនក្នុងការ Access ដោយ Users នៅក្នុង Network ។ ឧទាហរណ៍ខាងក្រោមបង្ហាញពីការ Block ប្រភេទ Files Video ដោយមិនអនុញ្ញាតិឲធ្វើការ Shared នៅលើ Network នោះទេ។

1. សូមបើក FSRM (File Server Resource Manager) > File Screening Management > Select លើ File Groups >

	🚰 File Server Management	57
	🕞 Eile Action View Window Help	
		- 55
	File Server Management (Local) Name	55.0
	📄 🔒 File Server Resource Manager 🛛 🚺 File Screens	61.00
	🗄 🆓 Quota Management 🔤 🔂 File Screen Templates	63.60
0	🖻 🔐 File Screening Management	6-55 0 11
2 C	File Screens	2 C XC
0	File Screen Templates	5º et
1		Up N.
2	Storage Reports Manageme	5612 1
2	2. Right Click លើ File Groups យកពាក្យ Create File Group >	
	-13 m -13 m -13 m	-3

2957

ERARS





ಕನೆಗಾಟ	นาณนิธย์ ตัสษาออลา 🤇	on	Enter Information Tech	nology Center
25	Enter Properties	? ×	2 FE BLOUT	2 FE FE LEVILL
A. A.	General Managed By COM+ Group Policy To improve Group Policy management, upgrade to the Group Policy		af the set	15° vel
3. 3.	Management Lonsole (GPML).	Test -	EFRE	1) 45
	Group Policy Object Links No Override Disa	bled	25	ટ્રેડ્ડ
	Course Define Objects bishes in the first house the bishest existin		295 0M	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
26	This list obtained from: SERVER1.enter.com		SET STIC.	SEE SILL.
656	Delete Properties	n	REF N. ent	St Steel
2 Crinn	Block Policy inheritance	55	63 m	2 Martin
	Close Cancel A	PPly Pas	55 H2	<5)

7. សូមចូលទៅ User Configuration > Windows Settings > Folder Redirection > ហើយចុច Mouse ស្តាំលើ My



8. ក្នុងប្រអប់ Setting រើសយក Basic > ក្នុងប្រអប់ Boot Path សូមវាយ \\server1\Homedir > OK Button >

Sec.

50.0 BB

www.ent

Server 2003 Advance

www.er www.enteritc.com

Enter	Information Technology Center	สารเหตุลายุริลา	เต้ส์เหอลือวิ
25	ET AIL		SEA STO
3	My Documents Properties		El Co
62.1	Target Settings	aprile.	D. C.
255564 11	You can specify the location of the My Documents folder.	5-5 6 th mm	1 miles
55 Fred	Setting: Basic - Redirect everyone's folder to the same location	2st 55 Fish	-5
	This folder will be redirected to the specified location.		
G		25	25
20	Target folder location	- 6 ⁵ 2°	- 6500
	Create a folder for each user under the reat with	ESP .	550
5		acto of	a for
	Root Path:	65.00	65000
		C EST FILL	E EST BILL
25	<u>B</u> rowse	2 Frite	2, 6, 6
50	For user Clair, this folder will be redirected to:	56 00	56 01
Cpris	\\server1\Homedir\Clair\My Documents	Cp. N.	, b. N.
ESGE J		=== (==) / == == (==) / == (==) / == (==) / == (==) / / = (=) / = (==) / = (==) / = (==) / = (=) / = (=) / = (=) / = (==) / = (==) / = (==) / = (=) / = (==) / = (=)	1º
ES PAST	OK Cancel Apply	est se fait	4
g	. ចុច Mouse ស្តាំលើ File Screens យកពាក្យ Create	File Screen >	

125

53 P

25

5	📅 File Server Management	25 25
20	🔂 Eile Action View Window Help	(5°)
		City De City D
	File Server Management (Local)	હ્રવડીં, ભા
	File Screen Path Screenin File Groups	AS
2	File Screens	E C C C C C C C C C C C C C C C C C C C
(56)	File Grou Create File Screen Exception	·
25EB GE WW	Share Folder Mai New Window from Here	M. SEEPENNN.
ES Fiel		< <u>इ</u> न्द्रिये दुई
	10 BE Browco Button > 10 BE Still Still Strong Boldor 0 Milling	Chitatan Chevral > OK Button >

10. ចុច Browse Button > ហើយជ្រើសរើសយក Folder ណាមួយដែលត្រូវការ Block (user2) > OK Button >

	reate File Screen File screen gath:	X rowse	656695	558655
25	F Browse For Folder Y fi Select a folder	?X om	sallon 26 France	
ate a factor	 Wy Computer ✓ Local Disk (C:) Image: Documents and Settings <l< th=""><th>- Esta Particit</th><th>ESP2ER ANNW EI</th><th>-55</th></l<>	- Esta Particit	ESP2ER ANNW EI	-55
	Folder: User2 Make New Folder OK Cancel		555 F55	255
96 57 F	Help Create	Cancel www.enteritc.com	Server 2003 Advance	3





មេខ្លាមឈ្នួលអិនធំពេ័ត៌មានទន្សា

8. ភាមល្ខិត File Screen Template:

យើងក៏អាចធ្វើការ Block ឬ Allow ប្រភេទ Files មួយចំនួនក្នុងការ Access ដោយ Users នៅក្នុង Network ទៅតាម Template មានស្រាប់នៅក្នុង File Screening Management បានផងដែរ ដោយវាបានរៀបចំនូវប្រភេទ Files ជាក្រុមៗ សំរាប់ឲយើងធ្វើការ Block ទៅតាមតំរូវការ ។

1. ចុច Mouse ស្តាំលើ File Screens យកពាក្យ Create File Screen >



មស្លមស្នាលអ៊ីនធំរំ ព័ត៌មានទន្យា

Enter Information Technology Center

9. <u>গগেঁণ্ড Shared Folder নাণ্ড FTP Serve</u>

យើងអាចធ្វើការ Shared Folder តាម FTP Server បានផងដែរ ដោយវាអនុញ្ញតិឲ Users ធ្វើការ Access ទៅកាន់ទិន្នន័យតាមរយៈ Web Browser បានងផងដែរៗ មុននឹងធ្វើការ Shared Folder តាម FTP Server គឺយើងត្រូវធ្វើការ Install IIS Server ជាមុនសិន បន្ទាប់មកទើបបង្កើត FTP Site តាមក្រោយ។

1. សូមចូលទៅកាន់ Start > Administrative Tools > IIS >

5		🍿 Administrative Tools 🔹 🕨	Computer Management	25
	Windows Explorer	Printers and Faxes	Configure Your Server Wizard Configure (CODEC)	Egget
	Notepad	(2) Help and Support	jagi Data Sources (ODBC) ം Distributed File System	action
		Search	Event Viewer	STON CO
25			Internet Information Services (IIS) Manager	ESE IN
5		<u> </u>	Local Security Policy	Sec. Co
and			Manage Your Server	R.N.
ES PALY			Microsoft .NET Framework 1.1 Configuration	5 Carlos
255			Microsoft INET Framework 1.1 wizards	
9.0			Performance	3
			Remote Desktops Remote Access	
2	All <u>P</u> rograms		Services	25
-	New programs	installed. Off of Shut Down	Terminal Server Licensing	667
	🖲 Start 🔯 🚳 👘 Inter			5750
				2920
6	2. GO MOUSE NINO FIP :	Siles WhitewsFIP Sil	e>	ESS BUILD
20	🐚 Internet Information	Services (IIS) Manager		S. C. KC
R	🕤 Eile <u>A</u> ction <u>V</u> iew	<u>W</u> indow <u>H</u> elp		CD N.C.
562,5	(→ → 💽 💽	🖻 🖻 😭 🖬 🖳	▶ ■ II	-5 Chi M
255 5	Internet Information Se		Ideptifier	N ST
3.0	E SERVER1 (local com	puter)	e 1	53
	📄 逆 Application Pool	s		
2	🕀 🥶 Web Sites	h	25	25
		tension	261	667
		► E	TP Site	5750
	All Ta	is <u>k</u> s ▶ F	TP <u>S</u> ite (from file)	2320
ê	3. ចុច Mouse	E S S S IN	E ST SIL	ESTEVIC
5.9	E Ke	S.E. K.	S.E. K.	S.E. K.
R	1.01	ES.N.C.	CD NO.	C. S. N.C.
5 Rd N	56	1.55	- 5 Rod Wh	-5 Paint
255	-25	7	255 2	
2.0	53.00	47	5°C	43
5	25	25	25	25
	2582	255	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	25 ST
	2 Tash	2 Tom	2 Tom	2 Trong
	2320	2320	8332 CO	2320
e C	EST OFF	E S CIT	EEST ON	E E F
Server	2003 Advance	WWW.en	eritc.com	56 0 99
	N. Contraction	PN	CP.N.	CR N.C.
562, 5		1,5	-563 M	-56th N







មេះវៀននី 7: សិក្សាពី DHCP (Dynamic Host Configuration Protocol)

1. <u> និយមន័យ</u>:

DHCP(Dynamic Host Configuration Protocol) គឺជា Service មួយដែលប្រើសំវាប់ assign IP address និង configure network ទៅឲ Client ដោយស្វ័យប្រវត្តិនៅក្នុង Netwok ។ មូលហេតុដែលចាំបាច់ត្រូវធ្វើការប្រើប្រាស់ DHCP

> ងាយស្រូលក្នុងការ assign IP address និង configure network (plug and play)

- > កាត់បន្ថយពេលវេលាក្នុងការ configure network
- > ឯាយស្រួលធ្វើការផ្លាស់កុំព្យូទ័រពី network មួយទៅកាន់ network មួយទៀត (សំរាប់ laptop
- > អាចធ្វើការគ្រប់គ្រង IP address របស់ clients បានទាំងអស់ (ដោយប្រើប្រាស់ scope) ។

ពីព្រោះ:

- មាន 4 packets ដែលត្រូវបានប្រើប្រាស់ នៅក្នុងដំណើរការរវាង DHCP server ជាមួយនឹង DHCP client ខណៈពេលដែល client ចាប់ផ្តើម boot windows ។
- > DHCPDISCOVER: broadcast ដោយ client ដើម្បីស្វែងរកម៉ាស៊ីនណាជា DHCP server
- > DHCPOFFER: send ដោយ DHCP server ដើម្បីឲ client ស្គាល់វាជា DHCP server ហើយ ជ្រើសរើសយក IP address មួយចេញពី scope ដើម្បីឲ client យកទៅប្រើប្រាស់
- > DHCPREQUEST: send ដោយ client ដើម្បីបញ្ជាក់ទៅដល់ DHCP server អំពី IP address ដែលវាបាន select

ឃព

> DHCPACK: send ដោយ DHCP server បន្ទាប់ពីបានធ្វើ acknowledgment និង set lease time និង options ផ្សេងៗ ដូចជា Default gateway, DNS servers,... ទៅដល់ client ។

សំគាល់: DHCP server configuration files គឺស្ថិតនៅក្នុង System Drive\ windows\ system32\ dhcpfolder ។

3. DHCP Renewal:

ត្រប់ DHCP clients ទាំងអស់ត្រូវតែ renew lease time បន្ទាប់ពី expired ។ គោលបំនងនៃ renew lease time គឺដើម្បីឲ DHCP server ធ្វើ refresh និង sort IP address នៅក្នុង scope ។

4. DHCP Configuration

ក្នុងការ configure DHCP យើងត្រូវធ្វើការ configure ទាំង DHCP server និង DHCP clients ។ ហើយការ configure នោះគឺត្រូវធ្វើតាមថ្លន្តចដូចខាងក្រោម: 2្ត្

- > Assign static IP address សំរាប់ DHCP server
- > នៅលើ DHCP server ត្រុវ install DHCP service

Server 2003 Advance

www.enteritc.com

ຮຽເສໜິນສູບສູບແມ່ນອອນປ

DHCP Cleint Name: SERVER2

IP: auto

- > នៅលើ DHCP server ត្រូវបង្កើត scope(s)
- > Activate Scope

> ចំនៃក DHCP clients គឺត្រូវបាន configure IP address ដោយស្វ័យប្រវត្តិ ហើយដើម្បី test វា នៅលើ DHCP client យើងត្រវប្រើប្រាស់ command ipconfig/ release និង ipconfig/ renew ។

DHCP Server Name: SERVER1 IP: 192.168.2.1

5. <u>Scope</u>:

pe: នៅក្នុង DHCP Scope គឺជា database ឬ Range សំរាប់ផ្ទុក IP address ទាំងអស់នៅក្នុង network ។ មួយ Scope គឺមានន័យថាស្មើនឹង មួយ network ។ក្នុងករណីដែល DHCP ត្រូវការប្រើប្រាស់ network address ចាប់ពីឡើងទៅ ដើម្បីឲ network ទាំងនោះស្គាល់គ្នា យើងត្រវបង្កើត Super Scope ។

Super Scope គឺជា Group នៃ Scopes ជាច្រើន ហើយយើងប្រើប្រាស់វានៅពេលដែល យើងមាន logical networks ចាប់ពី 2 ឡើងទៅ ។ដើម្បីបង្កើត Super Scope ជាដំបូងយើងត្រូវ បង្កើត Scopes ជាមុនសិន បន្ទាប់មកទើបបង្កើត Super Scope ។

DHCP Cleint

IP: auto

Name: CLIENT1

6. <u>ණප</u>්ජ Install DHCP Service:

1. ចុច Mouse ស្តាំលើ My Network Place យកពាក្យ Properties >

EULE

www.enteritc.com

Server 2003 Advance

895) 895)

un enterit












*******	000000000000000000000000000000000000000	2950	2950	
ಎಲ್ಗೌರ್ನಿದೆಯಲ್ಲಿ ಬಂದುಕಾರಿಗಳು ಬಂದಿಗಳು ನಿರ್ದೇಶನಿ ನಿರುವ ನಿರ್ದೇಶನಿ ನಿ		Enter Information Technology Center		
2	New Scope Wizard	CEV al	SEE STOR	SEE STON
56	Lease Duration	une an IR address from this	56 00	Solo
Chil	The lease duration specifies now long a client can scope.		C.b. W.	Up. N.
361212	Lease durations should typically be equal to the ave connected to the same physical network. For mobile	erage time the computer is le networks that consist mainly of	56-201 -556	1 and a start
	portable computers or dial-up clients, shorter lease on Likewise, for a stable network that consists mainly on locations, longer lease directions are more appropriate the statement of the sta	durations can be useful. of desktop computers at fixed	- Frain	
	Set the duration for scope leases when distributed	by this server.	20.0	
	Limited to:			
	Days: Hours: Minutes:	5	25	
		P	2.52	0
			~ 55° C	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
		Back Next> Cancel	2920	29)
			STR C.	S.S.KC
2	8. ចុច Next Button >	2657 * 01	2 EE T X O'	2 EE V x ON
56	New Scope Wizard		5 El all	56000
Cpr	You have to configure the most common DHCP op scope.	otions before clients can use the	Chinh.	Up. N.
612 2	When clients obtain an address, they are given DH	ICP options such as the IP	5612 12	22
	addresses of routers (default gateways), DNS serve scope.	ers, and WINS settings for that	- 23J	~
	The settings you select here are for this scope and Server Options folder for this server.	override settings configured in the	ed it	
	Do you want to configure the DHCP options for this	s scope now?		
	Ng, I will configure these options later	5	25	
		P	2.55	0
			553%	575
			2320	29)
		Back Next Cancel	STP KC.	A P KC
2	9. ក្នុងប្រអប់ IP address សូម	កំនត់ IP របស់ DHCP Serve	r (192.168.2.1) > Add > Next Buttor	1> 2 6 × 2
56	New Scope Wizard	C10 ~~	SELEN	56100
2º j	Router (Default Gateway) You can specify the routers, or default gateways, to	o be distributed by this scope.	L'our.	Up N.
3 pront	 To add an IP address for a router used by clients, a 	inter the address below	56 200 -5556	and and a second s
	I <u>P</u> address:	- Frid	E.S.F.H.J	
	192.168.2.3			
	Lenove Up			
	Dgwn	5	25	
		ľ	257	0
			5750	575
			2300	292)
	(Back Newt> Cancel	E 55 10 . 11 .	E STE IL
2	10. សូមបំពេញព័ត៌មានរបស់	DNS ក្នុងករណីដែល DHCP	ត្រុវ Configure ជាមួយនឹង DNS > Ne	ext Button >
650	New Scope Wizard	GD -	A50, 01	R5° el
al No.	Domain Name and DNS Servers The Domain Name System (DNS) maps and transle	ates domain names used by	C. W.	S. No
3. 2	clients on your network.	25	3 1 2553	2
	DNS name resolution.		<u>द</u> र्ज़ रिस्	
	To configure scope clients to use DNS servers on your	network, enter the IP addresses for those	×	
	servers. Server name: IP add	less:		
	server1	Add	255	
	Resolve 192.1	68.2.1 <u>Eemove</u>	25 Pr	
			Sold and a start of the start o	573
		DEws	8332 CO	S225
	G	Back Next Cancel	ESTEVIC	6-55 6-110
2		S.E. X.C.	2 F LE	S.C. YO
Server	2003 Advance	www.enteri	tc.com	S" 01 111
S.N	1° ~ ~	Nº Nº	C. Wr	E. Nr
10 0	G 10 '6''	171	CD CD CD	- 19

មត្តមណ្ឌលអិនធ័រព័ត៌មានទន្សា





	Information Technolo	gy Center	E STR	<u> ទស្ថិទស្នាសអិនធ័ះព័រ</u>	ະຄາຮອຮມ
25	Internet Protocol (TCP/IP) Propertie	s I	× 26 X	2	E LEN
650	General Alternate Configuration		R5° el	65	° CI
egin,	You can get IP settings assigned auton this capability. Otherwise, you need to for the appropriate IP settings.	natically if your network supports ask your network administrator	255563,000	25550211	
	Obtain an IP address automatical	ly	Star	23 ras	
	C Uge the following IP address:				
	Subnet mesk:		5	25	
	Default gateway:			282	c
	Ohtain DNS server address auton	netically		5750	5
	C Use the following DNS server add	resses:	S.C.	2320	C.S.
G	Preferred DN5 server:		655	ill'	EST .IL
5	Alternate DNS server:		Sec. 1	2	E. K.
62		Adyanced	C. N.C.	62	N
64 2			5562 1	-55 6 2 N	1.
	- 5 YC	Cancel		- Stal	
5	5. សូមចូលទៅកាន់ Comm	and Prompt ហើយវាយ	ipconfig /release គឺដើម្បី	ឲ DHCP Client លុបចោ	លនូវ IP
A	Address ដែលខ្លូនមានពីមុន	n >			
1	C:\WINDOWS\system	132\cmd.exe			
Ī					0
	G:\Documents and	Settings\Hdmini	strator>1pconf1g	/release_	29
	AF	" / Salatin o			
200	រ. បន្ទាប់មកសូមរាយ ipcon	fig /renew គំដើម្ប៉ានត	DHCP Client ល្អិករបាប	លោក IP Address ថ្មីដែល	uls assign
560	រដោយ DHCP Server >	56.00	56,00	(5)	e e
N.S.	en C:\WINDOWS\system32\cmd.e	хе	L'r.	-65.	2.
2	C:\Documents and Setting	s\Administrator>ipcon	fig /release	2553 5	
	windows II Cominguration			53 P.23	
	Ethernet adapter Local A	rea Connection:			
	IP Address	· · · · · · · · · · 0.0.0.0	ð ð	25	
	Default Gateway	:	ig meneu	252	0
	or obcaments and betting			575° M	-5
7	7. បន្ទាប់មកសូមវាយ ipcon	fig ដើម្បីមើលព័ត៌មានថ្មី	របស់ ម៉ាស៊ីននេះ 🧹	33200	C SSS
29	C:\WINDOWS\system32\cmd.e IP_Address	хе	1		ES in
32	Subnet Mask Default Gateway		ð		S. C.
CP 3	C:\Documents and Setting	s\Administrator>ipcon	ig /renew	- 66	Nº.
652	Windows IP Configuration			563,5	1
	An error occurred while ied.	renewing interface Loo	al Area Connection : A	ccess is den	
	C:\Documents and Setting	s\Administrator≻ipcon	ig		
	Windows IP Configuration				
	Ethernet adapter Local A	rea Connection:			
	Connection-specific D IP Address	NS Suffix .:	3.2.5		0
	Subnet Mask		5.255.0 3.2.1		ZG)
	C:\Nocuments and Setting				~ J V
L	- about of the second second	s\Administrator>	- of 1		SIP.X
2.4	57.0	s\Administrator>			EST PRIN











Enter Information Technology Center

ទទ្ឍមណ្ឌលអិនធ័រព័ត៌មានទន្សា

3. 195 Assign IP 2 Client:

1. ឈរលើ ម៉ាស៊ីន SERVER2 ដោយចុច Mouse ស្តាំលើ My Network Places យកពាក្យ Properties >











0	មទ្បមស្នាលអិតដំ ព័ត៌មានទន្យា	29500	Enter Information Tech	nology Center
25	Routing and Remote Access Server Setup Wisam Completing th Access Server You have successful Access Server Setup Surmary of selections	e Routing and Remote Setup Wizard v completed the Routing and Remote wizard	of the strate in the state of t	ASTER ATERIC
63 m	LAN routing Louting and Remote Access The Routing and Remote Access service has n the service?	ow been installed. Do you want to start	-5 ¹	53 255
9	To close this wizard, c	ick Finish.	2 E F Leite	2 E F Retite
E1923	5. <u>៖មេ្យំម Test សើ Client</u>: 1. ឈរលើ SERVER2 ហើយរ LAN1 របស់ SEVER1 >	សូមចូលទៅកាន់ Command	Prompt រូចវាយ ping 192.168.2.1 ដើ	ម្បី Test ទៅកាន់
5	Command Prompt Microsoft Windows [Vers (C) Copyright 1985-2003 C:\Documents and Settin	sion 5.2.3790] 3 Microsoft Corp. ngs\Administrator>ping	192.168.2.1	
	2. វាយ ping 192.168.3.1 ដើម្បី C: Documents and Settin 3. វាយ ping 192.168.3.2 ដើម្បី	Test ទៅតាន់ LAN2 របស់ S ngs Administrator pin Test ទៅកាន់ CLIENT1 ដែរ	SEVER1 > 192.168.3.1 លបានភ្ជាប់ Network មួយទៀតជាមួយ	SEVER1 >
55 P.55	C:\Documents and Settin 4. ឈរលើ CLIENT1 ហើយស្	ngs \Administrator>ping រូមចូលទៅកាន់ Command F	192.168.3.2 Prompt រួចវាយ ping 192.168.3.1 ដើ	ម្បី Test ទៅកាន់ 😽
55	LAN2 វបសិវ SEVER1 > Command Prompt - ping 1 Microsoft Windows XP IV (C) Copyright 1985-2001 C:\Documents and Settin	92.168.3.1 ersion 5.1.2600] Microsoft Corp. ogs\Administrator>ping	192.168.3.1	Egg J. Com
	5.900 ping 192.168.2.1 ដេឡ C:\Documents and Settin 6. វាយ ping 192.168.2.2 ដើម្បី C:\Documents and Settin	gs Administrator >ping Test ເອົາຄົາຮໍ່ SERVER2 ຜູ້ gs Administrator >ping	SEVERT> 192.168.2.1 លៃបបានភ្ជាប់ Network មួយទៀតជាអ្វី៥ 192.168.2.2	n SEVER1
55	6. <u>វមេ្យិម Configure LAN routing</u> 1. ឈរលើ ម៉ាស៊ីន SERVER2	ខាមួយ DHCP: ដោយចុច Mouse ស្ដាំលើ My	v Network Places ເປເກີເທິດງ Propertie	95 >
k	Server 2003 Advance	State www.enterito	c.com	ATTENT 125











Server 2003 Advance -SRA PE hy.













Server 2003 Advance
















នៅវេពលដែល private network ត្រូវការ communicate ជាមួយនឹង Internet នោះ គឺ NAT អ្នក Modify ពី Private IP មក Public IP ឬពី Public IP មក Private វិញ។ ក្នុងនោះ NAT ត្រូវបានបែងចែកជា 3 ប្រភេទដែលមានដូចជា:

> One-to-One NAT

> One-to-Many NAT

ECUL

www.enteritc.com

Server 2003 Advance



	allow	65	12.00	allow	action and
Enter l	Information Technolog	y Center		្តិទស្លឹនស្ទឹលអូនឆ្ន	່ເຕ້ສົຍເຂອຊຸງ
56	WAN Epabled		Local Area Connection		A Conternation
5EBRENN'	ADMtek AN983 based	etherne 🚬	General Support		
- Asl	Wizard	rd	Address Type:	Manually Configured	
		ru	IP Address:	203.144.16.34	
			Subnet Mask: Default Gateway:	255.255.255.224	25.8
				(etais)	295
26			Repair		E E E E
656					El elle
55563, 1				Close	
65	\sim		a 🗸 👘 🗤		

25

9

53 F

25

0

53 F

33

0

3. Double Click LAN NIC > ចុច Support Tab > ហើយសូមកំនត់ IP Address និង Subnet Mask ដូចខាងក្រោម >

	- IP address: 192.0.0.1			0.4
	- Subnet mask: 255.255.255.0	-535	633	553
	0.2	C.S.	E.S.B.	Eg P
			2951.01	89J.01
	 Local Area Connection Local Area Connection 			ST.C.
26	LAN Status	비스 ethern	e	SEE ST SIN
56	General Support			C'S N
CC.	□ Internet Protocol (TCP/IP)		6	Nº.
EFE FERN	Address Type:	Manually Configured	EEER	2
Pro la	IP Address:	192.0.0.1	ES Prel	5
	Subnet Mask:	255.255.255.0	~	~
	Default Gateway:		2.5	2.6
			553	533
		Details	E. S. B.	Egg P
			295,00	295,00
	Re <u>p</u> air		a.xC.	~~~.×.
26			ette	ale the state
56				So all
Con			Cp	N.
EESCHAR		L <u>Close</u>	==55 (13, N	2
E'E	ESFAS	हर्द्धानिय	ES Fiel	5
5. <u>\$65</u> 3	ម Configure NAT(Multi to I	<u>/ulti)</u> :	~	~~
	1. ប៉ិប៊ Start > Programs > Admi	nistrative Tools > Routing and Ren	note Access >	
	633	553	533	553
	E.S.B.	C. S. S.	E.S.B.	Eg P
	295 0M	39500	295100	3950
	S. C.	S. C.	S.C.	S. X.
26	ET CALL	EST ON	53 eth	SELTI SIN
146 5	ent s	www.enteritc.com	Server 2	003 Advance
062	N. Cer	W. Colum	N. Ce	Nº.
2612 5	-56-121	-5612, 1	-563	5



2. ចុច Mouse ស្តាំលើ Server1 យកពាក្យ Configuration and Enable Routing and Remote Access >



< <u>B</u>ack 4. រើសយក Custom configuration > Next Button >

- nnoster

Next

RG2

Server 2003 Advance

.com mmente www.enteritc.com

Cancel



មត្តមនស្នាលអិតធំរ ព័ត៌មានទន្យា

Enter Information Technology Center

Routing and Remote Access

The Routing and Remote Access service has now been installed. Do you want to start the service?

Yes <u>N</u>o

8. សូមបើក SERVER1 > IP Routing > NAT/Basic Firewall > ហើយចុច Mouse ស្តាំលើវាយក New Interface >





11. ចុច Mouse ស្តាំយក New Interface >





- 2. ឈរលើ Client1 ហើយសូមកំនត់ IP Address, Subnet Mask, និង Default Gateway ដូចខាងក្រោម >
- IP address: 192.0.0.12
- SPURE SPECTIC - Subnet mask: 255.255.255.0
- Default gateway: 192.0.0.1

Server 2003 Advance

www.ent www.enteritc.com



មត្ថមេណ្ឌលអិតដំ ព័ត៌មាន១ន្យា

Enter Information Technology Center www.enterit

- × Stable www.enterite.com

- 🗆 🗙

3

3. ឈរលើ Server2 ហើយចូលទៅកាន់ Command រួច Ping ទៅ 192.0.0.12 >

C:\WINDOWS\System32\cmd.exe Windows IP Configuration

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix C:\>ping 192.0.0.12 inging 192.0.0.12 with 32 bytes of data:

0 (0% loss).

4. ឈរលើ Client1 ហើយចូលទៅកាន់ Command រួច Ping ទៅ 203.144.16.38

Ethernet adapter Local Area Connection 2:

C:\WINDOWS\System32\cmd.exe Windows IP Configuration

specific DNS Suffix Default Gateway C:\>ping 203.144.16.38 Pinging 203.144.16.38 with 32 bytes of data:

5 (02 loss).

7. NAT Multi to Point:

Has a state the the state of th NAT Multi to Point គឺជាការ Configure NAT ពី WAN ជាមួយនឹង LAN ដោយ LAN ឲ Access ទៅកាន់ WAN ប៉ុន្តែWAN មិនអាច Access មកកាន់ LAN បាននោះទេ។

53425

9	NAT Multi to Point គឺជាការ Configu	re NAT ពី WAN ជាមួយ	និង LAN ដោយ	LAN @ Access ទៅកាន \	WAN 25
20	ប៉ុន្តែWAN មិនអាច Access មកកាន់	LAN បាននោះទេ។		2550	2510
2	1. សូម Select លើ NAT/Basic Firew	vall > ហើយសូមចុច Dou	ıble Click លើ V	VAN S	a fight
	Routing and Remote Access	(SQL)			2330.00
	Elle Action Yiew Help				est it
5					Er er
50	Routing and Remote Access	NAT/Basic Firewall			e l'
Cpril	Server Status	Interface T	Total mappings	Inbound packets translated	7.
556 B. J	Interfaces	WAN	0	0	
255	IP Routing	internal	0	0	
3 ras	General	1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 -			~
	IGMP				
	NAT/Basic Firewall Remote Access Policies				
50	E 🙆 Remote Access Logging				255
Y		68	.	258	25St
0	2. សូមជសយភិ Public interface cor	nnected to the Internet :	> ហ៊ោយ Tick យ	in Enable NAT on this inf	terface > 5
	OK Button >	2920	S	320	2920
	A Part Co	AS.XC.	28	.xC.	28°.×C.
26	EST CHE	3 AL	2853	29	ES CONTRACTOR
Server	2003 Advance	www.enteritc	com	- C	153
Berver	1. All and a set of the set of th	www.citterite	Com e	62.	N. 100
- Chin	and the second second	-0	12 M	- Chi N	2.
200	520	-21	10	620	

Server 2003 Advance





4. សូមរើសយក Private interface connected to private network > OK Button >

	LAN Properties	?×5	25	25
	NAT/Basic Firewall		2. Spi	2 Stat
	Interface Type:		530	553
	 Private interface connected to private network; 	C ²	350	2920
	O Public interface connected to the Internet	E STOR	N.C.	AP. KC.
2	Enable NAT on this interface	262 .0	2	EN XON
56	NAT enables clents on this network to send data to and recendate from the Internet using this interface.	5610	56	1° C
Cpri	Enable a basic frewall on this interface	C.p. W.	Cpri	N.
55 CB 1	A basic firewall accepts data from the Internet only if it has bee requested by the network	m _5568, N	-55 6 B. N	
and the second s	O Basic firewall only	23	223	
6.	Static packet filters		53.00	57
	Static packet filters can restrict traffic based on packet attributes, as IP address or protocol.	such		
	Inbound Filters Qutbound Filters	5	255	255
			25 Pr	25 St
			T3 M	- Tom
			3200	233200
	OK Cancel	aply (Star	il.	a and a start with
5,0	E K	2,6,16))	E XC
15450	jel stjel w	ww.enteritc.com	Server 200	3 Advance
Sol	v. V. W.	Lorn.	2°2	2.
56000	560	-Sb all	-56.00	

ឧស្ដីឧស្ទាលអំននា ជនមាន១៩២

Enter Information Technology Center

SSS Con

-55 b m	ex C:\WINDOWS\System32\cmd.exe - ping 192.0.0.12
Fred	Microsoft Vindows XP [Version 5.1.2600] <c> Copyright 1985-2001 Microsoft Corp.</c>
~	C:\Documents and Settings\Administrator>cd\
	C:\>ipconfig
2	Windows IP Configuration
	Ethernet adapter Local Area Connection:
	Connection-specific DNS Suffix : IP Address: 203.144.16.38 Subnet Mask: 255.255.255.224 Default Gateway: 203.144.16.34
6	C:>>ping 192.0.0.12
5	Pinging 192.0.0.12 with 32 bytes of data:
(65b	Request timed out. Request timed out.
- 5 BZ N	
255 5	6. សូមឈរលើម៉ាស៊ីន Client1 ដែលជា LAN ហើយ Ping ទៅកាន់ Server2 (203.
2.4	នោះវានឹងបង្ហាញថា LAN គឺអាចធ្វើការ Ping មកកាន់ WAN បាន

Another terretter 6. សូមឈរលើម៉ាស៊ីន Client1 ដែលជា LAN ហើយ Ping ទៅកាន់ Server2 (203.144.16.38) ដែលជា WAN នោះវានឹងបង្ហាញថា LAN គឺអាចធ្វើការ Ping មកកាន់ WAN បាន





ពសឹតេយីរលអូនផ្ទុរ ជុម្មសាខ១នាំរ

Enter Information Technology Center

ເຮເເງລະລີ້ 10: ກາະເອີເອນຮ່ VPN (Virtual Private Network)

1. <u>តិយមត័យ</u>:

VPN គឺជា extension របស់ Private Network ដែលអាចធ្វើការចូលទៅប្រើប្រាស់ទិន្នន័យ ឬ Internet បាន ពី Private Network ជាមួយនឹង Public Network ។ ភាគច្រើនវាត្រូវបានប្រើប្រាស់ដើម្បីធ្វើការភ្ជាប់រវាង Computer ទៅនឹង Network របស់ស្ថាប័ន ឬ ការិយាល័យណាមួយដើម្បី Access ទៅកាន់ Server ពីចំងាយ។ ក្នុងករណីដែលមិនបានៅ ក្នុងការិយាល័យនោះទេ គឺយើងអាចធ្វើការប្រើប្រាស់ទិន្នន័យលើ Server បានផងដែរដោយត្រូវ Dial-up ទៅកាន់ ម៉ាស៊ីន Server ដោយត្រូវប្រើប្រាស់ VPN ។

VPN ត្រវបានបែងថ្ងៃគុំជាពីរប្រភេទដែលមានដូចជាៈ

> User-to-Network: ជា VPN ដែលអាចឲ client ធ្វើការតភ្ជាប់ទៅកាន់ Network ដែលមានសុវត្ថិភាព ដូចជា Corporate Intranet ា

> Network-to-Network: ជា VPN ដែលអាចឲ Network អាចធ្វើការតភ្ជាប់ទៅកាន់ Network មួយផ្សេងទៀតដោយ ត្រូវធ្វើការភ្ជាប់ទំនាក់ទំនងគ្នាតាម Internet ៗ

2. <u>Tunneling and VPN Protocols</u>:

ម៉ាស៊ីន Computer ពីរអាចធ្វើការទំនាក់ទំនងគ្នាបានដោយត្រូវប្រើប្រាស់ VPN tunnel ដែលបានបញ្ហូនទិន្នន័យជា Packet ភ្ជាប់ជាមួយនឹងសុវត្ថិភាពនៅក្នុងពេលបញ្ហូនទិន្នន័យ ជាពិសេសវាមានតូនាទីធ្វើការ encryption, authentication ទៅលើការបញ្ហូន Packet និង IP Address ជាដើម។ ប្រសិនបើ Computer បានទំនាក់ទំនងគ្នានោះ ក្នុងការបញ្ហូនទិន្នន័យដោយប្រើប្រាស់ Tunnel គឺធ្វើឲ Computer ដែលបានបញ្ហូនទិន្នន័យទៅ Computer ផ្សេងទៀត មិនអាចមើលឃើញទិន្នន័យនៅក្នុង Share ឡើយ ដោយមានតែ Computer

ទទូលទិន្នន័យប៉ុណ្ណោះទើបអាចមើលឃើញ។

> Point-to-Point Tunneling Protocol (PPTP):

PPTP ជា Protocol មួយដែលត្រូវបានបង្កើតឡើងដោយ Microsoft រួមជាមួយនឹងក្រុមហ៊ុនដទៃទៀត ដើម្បីបង្កើតនូវ Tunnel ដែលមានសុវត្ថិភាពខ្ពស់រវាង Computer ពីរដោយបានធ្វើការកំនត់ពី Authentication និង encryption ដែលវា ធ្វើការបញ្ចូនទិន្នន័យជា IP Packet ហើយវាអាចប្រើប្រាស់បានគ្រប់ប្រព័ន្ធ Network របស់ Microsoft ដូចជា LAN-to-LAN និង Dial-up connection ប៉ុន្តែលក្ខណៈនៃ encryption បេស់វាមានកំរិតទាបនៅឡើយ។

> Layer 2 Tunneling Protocol (L2TP):

L2TP គឺជាប្រភេទ Protocol មួយដែលមានលក្ខណៈដូចទៅនឹង PPTP ដែល ប៉ុន្តែវាមិនបានភ្ជាប់មកជាមួយនឹង Encryption នោះ ទេវា L2TP ត្រូវបានបង្កើតដោយក្រុមហ៊ិន Cisco System ដែលអាចប្រើប្រាស់បានជាមួយនឹង Network Protocol ជាច្រើន។

Server 2003 Advance

Enter Information Technology Center

> IPSec:

មក្លាមណ្ឌលអិនធ័រព័ត៌មានទន្

IP Sec អាច Address Protocol មួយទៀតដែលត្រូវបានប្រើប្រាស់សំរាប់បំពេញនូវកង្វះខាតរបស់ Protocol L2TP ដោយវាបានផ្តល់នូវ Authentication និង Encryption ទៅលើ IP Packet ។ ជាទូទៅ L2TP ត្រូវបានប្រើប្រាស់ជាមួយនឹង IPSec ដើម្បីឲ Network មានសុវត្ថិភាពខ្ពស់។

3. <u>សម្យឹមខ្មើត User Account សំពម៌ធ្វើ Remote នៅ Server</u>:

1. សូមចូលទៅកាន់ Start > Administrative Tools > Active Directory Users and Computers >



2. សូម Select លើ OU ណាមួយ ហើយចុច Create a new user icon >













9	LAN Status	?×	- 575	n.	- The
	General Support		S32	9.	2320
G	Connection status		E ST CIT	6.53	10.10
50	Address Type:	Manually Configured	S.E. K.	S.E.	K.C.
63.	IP Address:	192.0.0.1	CS. V.C.	E. V.	
5 C. J. J	Subnet Mask:	255.255.255.0	5 C 2 1 1 2 3 3	12 St 33	
2550 1			2553 5	255	ĉ
63 Pro		c	2 res	ES Pro	53
	Windows did not detect problems w	vith this Bepair			
9	connection. If you cannot connect, Repair.	click	5	25	25
20		1	o Ca	5720	2520
0			5	S° C	553.
			29.)	01	2390
			STP IC.	5	B. C.
25			2 E LE	3.65	K Chi
650			5° et	50,01	
- CS N	a (Enr.	- CE was	- CS. Mar	
255. 1051	<u> 5 Configure VPN លេខ</u>	ERVER1:	25530 3	25530 3	2
55 H25	1. ប៉ិបិ Start > Programs >	Administrative Tools > B	outing and Remote Access >	-5 H2	-57
9	2.4	2.5	4	25	25
30	2 Sto	65	0	STO .	6500
0	5530	5530	5	Sec.	550
	23.0	237.01	29)	01.	239.0
	A.B. KC.	S. S. S. C.	S. P. HC.	5	S. C.
200	E CONTRACTOR	S.E. KON	2 E	3.65	Let I
Server	2003 Advance	Sbiel www.er	teritc.com	(5° el	163
- Ren		S. Mr.	- CS where	- CS MM	
620	620		62	220	



9



ទស្ដីនៃសឹមសម្ពុន ខ្លាំង ខ្លាំង ខ្លាំង ខេត្ត ខេត

Enter Information Technology Center









ຍຽງຍຎຼາຎໞີຣຣຳຕໍ່ສິນຄອຊງາ



www.enteritc.com

Server 2003 Advance -SAAR hy.





17. ក្នុងប្រអប់ Interface សូមរើសយក WAN > ហើយសូមបំពេញព័ត៌មានមួយចំនួនដូចខាងក្រោម >

- Destination: 0.0.0.0 - nnester arg. Network mask: 0.0.0.0

Gateway: 0.0.0.0

បន្ទាប់មកសូមចុច OK Button >

Server 2003 Advance 5621

www.ent www.enteritc.com



ទុះតែទាំងសង្ខខ	ສໍາ ຕໍສິຍາຮອຊງາ	23320	Enter Inf	ormation Techn	ology Cent
ESS		ESSI	ESTON		ES
New Remote	Access Policy Wizard		×		Ele le
Policy Co	onfiguration Method	or you can create a custom policy.		0F	0.76.
2.3°	nzara can create a typical policy,	, or you can create a custom policy.		562	2
How d	you want to set up this policy?			2552 5	2
6		1 Kan (63 Pro-	
	Use the wizard to set up a typica	al policy for a common scenario			
	pet up a custom policy			2.5	
Type a	name that describes this policy.			533	
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	······ ···· ···· ···· ···· ··· ··· ···			Egg B	
<u>P</u> olicy r	ame: Remote VPN		aa	C. a	a
	Example: Authenticate a	all VPN connections.	Sol	C.	S
- E			5510		655
20					S.E. K.
R		c Davis		6	2. 6.
2.5				582	2
🔊 21. រើសប	ຳ î VPN ≻ Next Butto	on >	2552 54	255 5	2
New Remote	Access Policy Wizard	-5	X	55 Prs	
Access	Aethod		e e e e e e e e e e e e e e e e e e e		
Policy	conditions are based on the me	thod used to gain access to the netw	work.	2.6	
				553	
Select t	he method of access for which ye	ou want to create a policy.		Et B	
• 2	PN		69	1. of	ac
Ĺ	se for all VPN connections. To c revious page, and select Set up.	create a policy for a specific VPN typ a custom policy	e, go back to the		So
	ial-up	a custom policy.	-510		EES
S H	se for dial-up connections that u igital Network (ISDN) line	ise a traditional phone line or an Inte	grated Services		L'E LE
S oy	/ireless			all	D. V.G.
L'S L	se for wireless LAN connections	only.		-562	2
- C E	thernet			2552 5	2
L	se for Ethernet connections, suc	ch as connections that use a switch.		23 ras	
		< <u>B</u> ack <u>N</u> ext>	Lancel	25	
22. រើសប	វក Group ហើយចច	Add Button > 25		2.54	
New Remote	Access Policy Wizard	530	×	53.0	
User or (iroup Access		Q 39	20,	30
You aroup	an grant access to individual use s.	ers, or you can grant access to selec	ted	Ç.	EST?
2			TV et		26 10
Grant ac	cess based on the following:		en	C	50,00
	access permissions are specifie	d in the user account.	7.	S'	22.
Grou	P			2550	2.
Indiv	idual user permissions override g	roup permissions.		55 823	
Gio	up name:		Add	\checkmark	
			Hemove	255	
				2581	
			- CH	U2.U	- (
			C'S	200	S
a		< <u>B</u> ack <u>N</u> ext >		0.	6.55 8
2'00 1		20 00	2.6 . 0		20,00
Charles .		Nº 00	Nº ~		nº n









Enter Information Technology Center

ິ ຍຽງຍณูกชมิดต่ำกໍลียาอธิญา

6. 56992	5 Configure VPN ស៊េទី C	LIENT1:	265	ALC: NO DE LA COMPANY	2 FE FE CONTE	
A POINT	. ឈរលើ CLIENT1 ហើយ	<u></u> កំនត់ IP Address ឲវាដូ	ចខាងក្រោម >	2	(5° N.C.	
2556	- IP address: 192.	0.0.12	255561311	2556	L'	2
55 H2	- Subnet mask: 25	5.255.255.0	<5 H2	ES Has		55
_	- 192.0.0.1					
25	Internet Protocol (TCP/IP) Prop	erties ?		255		255
0	General	emptically if your polyuork ourports		S. S.S.	55	2
	this capability. Otherwise, you need to the appropriate IP settings.	omatically if your network supports o ask your network administrator for	S.C.	39.01	29.)0))
25	Obtain an IP address automatic	ally	2555	ille.	EESSIN	
56	 Use the following IP address: – IP address: 	192 0 0 12	5676 61		5678 611	
- CS M	Subnet mask:	255.255.255.0	- C.S. W.	-05	10 N.	
2553 N	Default gateway:	192.0.0.1	553 1	255	5	ŝ
63 m	Obtain DNS server address auto	omatically	C ¹	23 m		53
	Preferred DNS server:					0.4
23	Alternate DNS server:			6533		SES.
2		Advanced		5530	55	9
		OK Cancel		32.0	6320	,
2					2 FEFE	
6564	Network Connections		reate a new connection		55, en	
ES GALIN	File Edit View Favorites Too	ls Advanced Help			and	
ES PAIL	🕞 Back 🔹 🌍 🔹 🏂 🔎	Search 😥 Folders 🛄 🕶		ES Phil	1.	55
~	Address 🔊 Network Connections	LAN or High-Speed Internet	et 💽	→ Go		\vee
5	Network Tasks 🛞	Local Area Connect	ion	25		25
2.	Create a new connection	Connected, Firewa	lled d AMD PCN	S. S.	25	323
9	office network	wizaru, which helps you creace a cor	inection to the Internet, to another t	omputer,	295	no
	Firewall settings Sisable this network device				S Site.	2
26	Repair this connection				S.E. LON	
Ceri	View status of this connection			-	ES. N.C.	
25562,11	Change settings of this connection			2555	L'AN AND AND AND AND AND AND AND AND AND A	-
53 Fiel		~	\sim	-5 Fish		55
Ċ	3. សូមថុច Next Button >					
55	255	2	35	255		255
	Ess?	S.S.S.		ESS P	55	8
	292 01	2320	No.	37.01	292	5
6	EST FILC.	EEE VILC.	EET	i ^{ic.}	EST FILL.	
17656	ente	Sell www.e	nteritc.com	Server	2003 Advance	
-562 m	1.	E'ny.	26 S. W. N.	-585	10 N.	



មថ្លាមស្នាលអិនធ័រព័ត៌មានទន្សា > Next Button >

Enter	Information Technology Center	្តែទទ្ធម្លាសអ្ន
656	6. ក្នុងប្រអប់ Computer Name សូមដាក់ឈ្មោះ (Ex: Remote VPN to	Server) > Next Button >
- 525556	Connection Name Specify a name for this connection to your workplace.	- 5275
25	Type a name for this connection in the following box. Company Name Remote VPN to Server	2,5
(C	For example, you could type the name of your workplace or the name of a server you will connect to.	Egg Lon
656		est eine

7. ក្នុងប្រអប់ Host name or IP address សូមកំនត់ (203.144.16.34) > Next Button >

< Back

Next >

Cancel








www.enteritc.com

ENDE

Enter Information Technology Center

ັຍຽງຍည္အຎໞີລອຳຕໍສິຍາລອຊງາ

1. មុនពេលដែលយើង Install Mail Server នោះយើងត្រូវធ្វើការ Install Active Directory និង DNS ជងដែរ បន្ទាប់មកទើប Install Mail Server ដោយចុច Start > Administrative Tools > Configure Your Server Wizard >









Server 2003 Advance 5626

www.enteritc.com

Ent	ter Information Tec	chnology Center		ດເຮັດ ທີ່ 1	ณหิฉซ์เต้ส์เงออิญ	
6	5. YUNU Add Mall	box > กุมบุษบ Maik Ioil - OK Putton -	oox Name សូមកងត់ព	យ្មារ (makara) និង Pas	sword សរាប Login	
5562	Add Mailbox		× 566	1 Martin Contraction of the Cont	- 5 Ray M	
-255° S	Maibox Name:			<u></u>	251 1	
	makara			5		c
	Create associated user for	this mailbox	_			
2	Coofirm Pacewords			653		- 65
	conjinin associat		55.8	555		555
	6			23.00	S.C.	320
	6.	6-5518	ill.	EEE STRUCT	EEST	KC.
	POP3 Service		×	Le le	L'E LE	
Le 6	The mailbox was	s successfully added.	2	er N.	C.C.W.	
2556	The log on information for the n their log on information mail clie their mailbox name:	new mailbox is defined below. When er ent users must use the appropriate versions and the second s	on of 255	2 ⁿ	25556 52 11	
3 7/3	If you are using clear text authe Account name: makara@enter.	entication: com	ES FRE	4	The	
	Mail server: SERVER1	ord Authentication:				
5	Account name: makara Mail server: SERVER1		25	25		2
			2582	250		258
	Do not show this message	again	13 m	ag Tom	GG	J's d
				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ES.	XC.
	2 EE TA CONT	2 ( F ) x (		2 FE FA COLIN	2 6 5 7 61	
4. 50	ម្យ៉ូមម្រើប្រាស់ Mail	<u>លើម៉ាស៊ីន Client</u> :		56 00	551 en	
562	្តាំ. ឈរលើម៉ាស៊ីន C	CLIENT1 ដោយចុច St	art > All Programs >	Outlook Express >	562 11	
255 5	Outlook Express	😵 Set Program Access and	Defaults	8	3552 5	
2.0	MSN	15 Windows Catalog	P.C.	5	2.0	
		windows Update				
5	Windows Media Play	Games	5	25	E.	2
	X Windows Messenger	m Startup	•	555		555
	🛞 Tour Windows XP	Internet Explorer MSN		297.01	S.C.	3.0
	Files and Settings Tr	🕼 Outlook Express		E E PARTE	6-55	KC.
c	2.0 Sign Wizard	Remote Assistance		S.C. K.	S.E. C.	
6		S Windows Messenger	3	P.N.	C.C.W.	
2556 121	All Programs 🕨	🔌 Windows Movie Maker	2550	24	255561311	
Fred		🙋 Log Off 【	Shut Down 5725	4	5 tas	
	🛃 start					
	2. ក្នុងប្រអប់ Displa	y name សូមកំនត់ឈ្មោ	ពុះរបស់ម៉ាស៊ីន ឬឈ្មេ	ាះរបស់ Mail Client ដែណ	រត្រូវប្រើប្រាស់លើម៉ាស៊ីន	3 2
	Server > Next Butt	on >	258	2551		258
	act 5°m		alin	action of	20	£15° C
	85.00	5	2. × C	253. C.	S	×C.
		- 10			A 1 T 0 7	
	SEE STOR	2553		2 EE ED CON	2853 01	
186	SEE STERIC	SPECIA	www.enteritc.co	m C in chi	Server 2003 Advan	ce

មឡូមស្នាលអិនធំរ ព័ត៌មានទន	19 <u>23</u> 3) (0)	Enter Information Tec	hnology Cente
2 EEE MONTH	E ST.	E E E E	2853.01
Internet Connection Wizard			SELECT
S S Your Name		1/2 1.	E. n.
When you send e-mail, your na	me will appear in the From field of the outgoing mess	are2.5	5
Type your name as you would I	ike it to appear.	-3 m	
Display name: CL	ENT1		
For	example: John Smith	255	
		CET B	
		295/01	ଟ୍ଟ୍
		est Bitte	5 5 P
25		S' YE	S.E. TO
(P)			CP.N.C.
ANN -	K Back Next>	Cancel	and and
3. ក្នុងប្រអប់ E-mail addre	ss សូមកំនត់ Email ដែលត្រូវប្រើប្រ	ប្រាស់លើម៉ាស៊ីននេះ > Next Button	>
Internet Connection Wizard	V		
Internet E-mail Address		25	
		7	
Your e-mail address is the addr	ess other people use to send e-mail messages to you	a fison	G(
Europii address:	nan-Ganlar san	San Co	633
For	example: someone@microsoft.com	ET CIN	2 FEFT ST
55		. en	Spell
S. 3		N°	E. n.
21		-2553	5
		43°C	
	Kext>	Cancel	
4. ស្ងូមកំនត់ឈ្មោះ Mail S	erver ចូលទៅក្នុងប្រអប់ > Next E	Button >	c
2320	23.20	29200	S.G.
SEE SIL	SEE SILL	2 EST OFF	2855
5 Port	5 Coll	5 Poll	Spent
Conv.	E. W.	S. W.	Epun.
N 2553	N 255	N 25530	2
55 402	-13 Mar	2 The	
255	255	255	
C. S. S.	ESP.	C.S.S.	
2370	29201	292 0	ଟ୍ଟ୍
EEST & ItC.	EST P. IC.	E E PRINC.	6-55 8.11
erver 2003 Advance	www.enterite	c.com	26 18
R	P	CP N.	R. J.

Enter Inform	nformation Technology Center			្តរមក្ខាសក្ខារ	បអនធរព <b>ត</b> មានគ្ននរួ
Internet C	onnection Wizar	d	X	enter .	SEE
S B E-mail S	erver Names		ېند چې	7.	ell'un.
S My ir	ncoming mail server is a	a POP3 🗸 server.	5	45	Ale II II
Inco	ming mail (POP3, IMAF	^p or HTTP) server.		26	
	611			2553	
An S Dutg	MTP server is the serv oing mail (SMTP) serv	ver that is used for your outgoing e-ma er:	ai.	a fistin	
serv	er1			833. CO	S
25				5 B OUL	2 65-53 0
656				en	as i en
2.55		< Back	Next} Cancel	2	55 Gd n
5. សូមកំរ	នត់ឈ្មោះ Acc	ount name និឯ Passwo	ord ដែលត្រូវប្រើប្រាត	ប់នៅលើម៉ាស៊ីន > Ne	ext Button >
Internet C	onnection Wizar	d		× ×	
Internet	Mail Logon		×	25	
Tupe	the account name an	d password your internet service pro-	sider has given usu	E.S.S.P	
Ace	unt name:	homonu	noor noo gron you.	2950	~C
	an nama.	TRAILED OF		ESTS IC.	C ES S'
Pass	wordt			E tel	S.E. to
(B)		Remember password	and double official and	1.00	UBM.C.
(SPA) Auther	to access your mail ac htication (SPA)' check	count, select the "Log On Using Secu box.	are Password		5556 300
Log	on using Secure Pas	sword Authentication (SPA)		-5	45
		< Back	Ne() Cancel	255	
6. ចុច Fir	nish Button >	5	J. C	575950	
CN C	3.2.0	23)	ç0`	23,00	S S
2 FE 5 x 01		2 EE EE EN	2	E S CIL	2 EF TA
assi, en		C2EL elle	656	. en	as i en
Jun Maria	-9	562 22	5562 1	1-	5562 11
~	5525		ES Pred	5	fred .
	Ť		·	Ý	
	25		25	25	
	ESS'		ST ST	25 St	
S.C.	5.00	295	on	295 on	CO.
ESSI	KC.	ESS BUILD		a st Pitter	65578
			6		



