# ปฏิบัติการที**่ X DNS Zone Transfer**

# ติดตั้งโปรแกรม Simple DNS Plus

#### สร้้าง Zone cs.com

 การติดตั้งบริการ DNS จะติดตั้งโดยดิดตั้งโปรแกรมเสริม Simpel DNS ซึ่งผู้อ่านสามารถ Download ได้จากเว็บไซต์ http://www.simpledns.com/



 ให้ผู้เข้าอ่าน Download โปรแกรม โดยเข้าไปที่ simpledns.com/download.aspx แล้วดับเบิล คลิกไฟล์เพื่อติดตั้ง



2.1 ให้คลิก Next >



#### 2.2 ให้คลิกยอมรับเงื่อนไข แล้วคลิก Next >

😸 Simple DNS Plus Setup
End-User License Agreement Please read the following license agreement carefully
END USER LICENSE AGREEMENT
This End User License Agreement (EULA) is a CONTRACT between you (either an individual or a single entity) and JH Software, which covers your use of the software "Simple DNS Plus" and related components.
You should carefully read the following terms and conditions before using this software. If you do not
○ I <u>d</u> o not accept the terms in the License Agreement
Advanced Installer

2.3 ให้คลิกเลือกตำแหน่งที่จะเปิดโปรแกรม แล้วคลิก 🔍 🔍



#### 2.4 ให้คลิกเลือกรายละเอียดทั้งหมด หรือ Complete แล้วคลิก 🔍 💌

Choose Setup Typ Choose the setup	e type that best suits your needs
	Complete All program features will be installed to the default location. Recommended for most users. Custom Allows you to choose which program features will be installed and where they will be installed. Recommended for advanced users.
dvanced Installer ——	< <u>Back</u> Next > Cancel

2.5 ให้คลิกติดตั้ง หรือ 🏼 Install



#### 2.6 ให้ผู้อ่านรอสักครู่

😸 Simple DNS Plus Setup	×
Installing Simple DNS Plu	15
Please wait while the Set minutes. Status:	up Wizard installs Simple DNS Plus. This may take several
Advanced Installer	< Back Next > Cancel

2.7 เมื่อติดตั้งเสร็จสิ้น ก็จะปรากฏดังรูป แล้วคลิก

Finish



2.8 เนื่องจากโปรแกรมนี้มีค่าใช้จ่าย แต่จะเป็นโปรแกรมที่เข้าใจได้ง่ายกับการเรียนรู้ใน หลักการเบื้องต้น จึงเลือกการใช้งาน 14 วัน (สำหรับผู้อ่านที่สนใจสามารถซื้อได้ใน

ภายหลัง) แล้วคลิก 🛄 🖳
Simple DNS Plus Licensing
Simple DNS Plus Licensing
Thank your for installing Simple DNS Plus. Please select one of the following:
Try out Simple DNS Plus free for 14 days. Request a trial license.
◎ I already have a license. Enter license key:
You can purchase a license at <u>http://www.simpledns.com/purchase.aspx</u>
QK Cancel



Simple DNS Plus Licensing					
Simple DNS Plus Licensing					
Requesting trial license from Internet server. Please wait					
Simple DNS Plus					
Trial license activated successfully! The trial expires on Thursday, February 18, 2016					
ОК					
OK Cancel					

- 3. การปรับแต่ง Simple DNS มีขั้นตอนต่างๆ ดังต่อไปนี้
  - 3.1 ให้เปิดโปรแกรมโดยเลือก Simple DNS Plus ดังรูป



3.2 จะปรากฎหน้าจอดังรูป

🐼 phani-pc - Simple DNS Plus		
<u>F</u> ile <u>V</u> iew <u>I</u> ools <u>W</u> indow <u>H</u> elp		
Image: Copy of the second se		
Performance Graph		4 ▷ ×
Requests per second:		
Uptime: < 1 minute	Requests: 0	Cache: 0

3.3 ให้คลิก เพื่อปรับแต่งโปรแกรมเบื้องตัน ก็จะปรากฏดังรูป							
💿 phani-pc - DNS Records							
<u>File Edit View T</u> ools	<u>H</u> elp						
New Quick Save	fb Cut	Сору	Paste	Delete	Properties	Bulk	2 Help
Zones							
All Zones Primary Zones Secondary Zones Zone Groups	Name		Туре	* TTL	. Data		Corr
	•						+
							.:

4. เลือกเมนู New > New Zone เลือก Primary Zone คลิกปุ่ม



s.com - DNS Records					
File Edit View Tools	Help				
New Quick Save	Cut Copy Paste Delete Properties Bulk	2 Help			
Zones	Num Z and Min and	9 <b>X</b>			
All Zones		nents			
🧔 Secondary Zones ⊞ 🛅 Zone Groups	New Zone Wizard	TH			
	New Primary Forward Zone				
	Zone Name:				
	cs.com				
< Back Finish Cancel					

7. ที่ cs.com ใส่หมายเลข IP Address ของ Domain นี้ ในที่นี้ใส่ 10.0.2.9 และคลิกปุ่ม

O	ĸ				
s.com - DNS Records		3			
File Edit View Tools	Help				
New Quick Save	2 Cut Copy Paste Delete Properties Bulk Help				
Zones					
<ul> <li>→ All Zones</li> <li>→ All Zones</li> <li>→ All Zones</li> <li>→ All Zone</li> </ul>	New Zone Wizard hents				
	New Primary Forward Zone Zone Name:				
New Zone H	cs.com				
New Zone Host Record:         New Zone Host Record:         DNS records in the new zone are referencing a host named "cs.com" which has no host record (A- or AAAA-record) yet.         Enter an IP address if you want to add a host record for this name:         cs.com:       10.0.2.9         OK       Cancel					
		:			

จะแสดงหน้าต่างดังรูปภาพ

💿 cs.com - DNS Records			
File Edit View Tools Help			
New Quick Save Cut	Copy Paste	Delete Properties Bulk	? Help
Zones	cs.com		
All Zones	Name	Type TTL Data	Comments
E cs.com	cs.com cs.com cs.com	SOA 10800 cs.com [201 NS 10800 cs.com A 10800 10.0.2.9	6112901]
3 DNS Records			.:

9. คลิกขวาเลือก New A-record (Host Address)...

s.com - DNS Records		
File Edit View Tools Help		
New Quick Save Cut	Copy Paste Delete Properties Bulk	
Zones	CS.COM	
Pimary Zones Condary Zones Zone Groups Zone Groups	Name       Type       TTL       Data       Comments         (cs.com       SOA       10800       cs.com [2016112901]       cs.com         cs.com       NS       10800       cs.com       cs.com         cs.com       A       10800       10.0.2.9         Sort By       •       •         New AAAA-record (IPv6 Host Address)       •         New CNAME-record (Alias)       •         New ALIAS-record (Auto resolved alias)       •         New MX-record (Mail Exchange)       •         New TXT-record (Text Strings)       •         Other new record       •	
3 DNS Records		.::
<b>10</b> . จะปรากฏหน้าต่	ข่างดังภาพ ที่ Record Name ใส่ lab1.cs.com ที่ Host IP Ad	dress ใส่

10.0.2.10 จากนั้นคลิกปุ่ม **OK** 

s.com - DNS Records		
File Edit View Tools Help		
New Quick Save Co	at Copy Paste Delete Properties Bulk	2 Help
Zones	CS.COM	
All Zones Primary Zones Secondary Zones Zone Groups Cs.com	Name     Type     TTL     Data       New A-record     Image: Data     Image: Data     Image: Data       Host Address (A)     Image: Data     Image: Data     Image: Data       Record name (host):     Image: Data     Image: Data     Image: Data       Host IP address:     Image: Data     Image: Data     Image: Data       Host IP address:     Image: Data     Image: Data     Image: Data       Image: Data     Image: Data     Image: Data     Image: Data       Record Data     Image: Data     Image: Data     Image: Data       Becord CTTL (Time To Live):     Image: Data     Image: Data     Image: Data       Becord comments:     Image: Data     Image: Data     Image: Data	Comments
3 DNS Records	Update Reverse Zone OK	Cancel
ੇ ਰ ਦੇ	d 9, 9	·
<b>11</b> . ทำซำอีกครั้ง <sup>.</sup>	ที่ Record Name ใส่ lab2.cs.com และใส	t Host IP Address เป็น 10.0.2.11

💿 cs.com - DNS Records		
File Edit View Tools Help		
New Quick Save Cut	Copy Paste Delete Properties Bulk Help	
Zones	cs.com	
All Zones	Ohanges made to this zone have not been saved and are not yet available thro	ugh DNS.
Secondary Zones	Name Type TTL Data	Comments
in - 🔁 Zone Groups	cs.com SOA 10800 cs.com [2016112901] cs.com NS 10800 cs.com	
	cs.com A 10800 10.0.2.9 lab1.cs.com A 10800 10.0.2.10	
	New A-record	?
R cs.com	Host Address (A) Record name (host): Iab2.cs.com Host IP address: 10.0.2.11 Record TTL (Time To Live): 3 Hours Record comments: Update Reverse Zone OK	Cancel

12. คลิกขวาที่แท็บแจ้งเตือน แล้วเลือก Save zone

s.com - DNS Records							_ <b>D</b> X
File Edit View Tools Help							
New Quick Save Cut	Copy Paste	Delete Prop	2 perties I	Bulk	2 Help		
Zones	cs.com						
All Zones	Changes made to this	s zone have no	Save	zone	vet available throu	ugh DNS.	
Secondary Zones	Name	Туре	TTL	Data	-	Comments	
🗄 💼 Zone Groups	cs.com	SOA	10800	cs.com [20	016112901]		
	cs.com	NS	10800	cs.com			
	cs.com	A	10800	10.0.2.9			
	lab2.cs.com	A	10800	10.0.2.11			
Concern							

## ทดสอบ Zone cs.com ที่เครื่อง Client

1. เปิดหน้าต่าง Network Connection

				x
Image: Second state         Image: Second state	47	Search Network Connection	5	٩
Organize 🔻		<u></u> <u> </u> <u> </u> <u> </u> <del> </del> <del></del>		(?)
Vetwork 2 Intel(R) PRO/1000 MT Desktop Ad				

2. คลิกขวาเลือก Properties

) 🔍 🕈 💽 🔍	Network and Internet 🕨 Netv	work Connections 🕨	<b>- - ↓</b>	Search Network	Connections	
Organize 🔻	Disable this network device	Diagnose this connection	Rename this con	nection »	₩ <b>₩</b> ₩ ₩	
Organize V Local	Disable this network device Area Connection 2 Disable Status Diagnose Bridge Connections Create Shortcut Delete Rename Properties	Diagnose this connection	Rename this con	nection »	tr tr	
2	an Internet Preteen	Varaian 4 (TCD//Dy	4) เลือก	Properties		

Connect using:	
Intel(R) PRO/1	000 MT Desktop Adapter #2
	Configure
This connection uses	the following items:
Client for Mic	rosoft Networks
QoS Packet	Scheduler
🗹 县 File and Print	ter Sharing for Microsoft Networks
Internet Proto	ocol Version 6 (TCP/IPv6)
Internet Prote	ocol Version 4 (TCP/IPv4)
<b>[4]</b>	analagy Discourse Manner I/O Driver
Link-Layer I	opology Discovery Mapper 1/O Driver
<ul> <li>✓ Link-Layer To</li> <li>✓ Link-Layer To</li> </ul>	opology Discovery Responder
Link-Layer Te     Link-Layer Te	opology Discovery Responder
Link-Layer To	Opology Discovery Mapper 1/0 Driver opology Discovery Responder Uninstall Properties
Link-Layer Te	Uninstall Properties
Link-Layer To     Link-La	opology Discovery Mapper 1/0 Driver opology Discovery Responder Uninstall Properties
Link-Layer To     Link-La	Uninstall Properties Ol Protocol/Internet Protocol. The default protocol that provides communication reconnected networks
Link-Layer Te     Link-La	Uninstall Properties Ol Protocol/Internet Protocol. The default protocol that provides communication rconnected networks.
Link-Layer To     Link-La	Uninstall Properties OI Protocol/Internet Protocol. The default protocol that provides communication rconnected networks.
Install  Description  Transmission Contry wide area network across diverse inter	Uninstall Properties OI Protocol/Internet Protocol. The default protocol that provides communication rconnected networks.

Seneral	Alternate Configuration					
You car this cap for the	n get IP settings assigned bability. Otherwise, you ne appropriate IP settings.	automatically eed to ask you	if yo ir ne	ur nei twork	twork si adminis	upports strator
0	btain an IP address autom	atically				
- O U:	se the following IP address	S:				
IP a	ddress:		<u> </u>			
Subr	net mask:			•		
Defa	ult gateway:		2			
0	btain DNS server address	automatically				
- 🖲 U:	se the following DNS serve	er addresses:				
Pref	erred DNS server:	10 .	0	. 2	. 9	
Alter	nate DNS server:		8 3	•		
	alidate settings upon exit			(	Adva	nced
		ſ		ОК		Cancel

Intel(R) PR	0/1000 MT Desktop Adapter #2
This connection u	Configure
Client for	Microsoft Networks ket Scheduler
File and F	Printer Sharing for Microsoft Networks
V 📥 Internet F	Protocol Version C (TCD /IDvC)
V A Internet	Protocol Version 4 (TCP/IPv4)
<ul> <li>✓ Internet F</li> <li>✓ Internet F</li> <li>✓ Ink-Laye</li> </ul>	Protocol Version 4 (TCP/IPv4) Protocol Version 4 (TCP/IPv4) Protocol Version 4 (TCP/IPv4)
<ul> <li>✓ → Internet F</li> <li>✓ → Link-Laye</li> <li>✓ → Link-Laye</li> </ul>	Protocol Version 4 (TCP/IPv4) Protocol Version 4 (TCP/IPv4) er Topology Discovery Mapper I/O Driver er Topology Discovery Responder
Install	Protocol Version & (TCP/IPv4) Protocol Version 4 (TCP/IPv4) Propology Discovery Mapper I/O Driver Propology Discovery Responder Uninstall Properties
Install	Protocol Version & (TCP/IPv4) Protocol Version 4 (TCP/IPv4) Propology Discovery Mapper I/O Driver Propology Discovery Responder Uninstall Properties

6. เปิด Comman Prompt พิมพ์คำสั่ง nslookup



7. ทดสอบโดยพิมพ์ lab1.cs.com

C:\Windows\system32	2\cmd.exe - nslookup	- 0 ×
C:\>nslookup Default Server: l Address: 10.0.2.9	Un Known 9	Î.
> lab1.cs.com Server: UnKnown Address: 10.0.2.9	9	
Name: lab1.cs.d Address: 10.0.2.1	com 10	
>		
		-

#### สร้้าง Zone it.com

1. ที่ Server อีกเครื่อง สร้าง zone it.com และสร้าง Host lab1.it..com lab2.it.com

it.com - DNS Records				
File Edit View Tools Help				
New Quick Save Cut	Copy Paste	Delete Properties	Bulk Help	
Zones	it.com			
All Zones	Name	Type TTL	Data	Comments
Zone Groups	it.com it.com Iab1it.com Iab2it.com	SOA 10800 NS 10800 A 10800 A 10800 A 10800	it.com [2016112902] it.com 10.0.2.14 10.0.2.15 10.0.2.16	
5 DNS Records				

2. ที่ Client ของ zone it.com ตั้งค่า DNS Server ดังรูปภาพ

Contraction of the second seco	nternet  Network Connections
Local Area Connection 2 P	roperties CCCP/CPU/P Properties 2 2 2 2
Networking	
Connect using:	General Alternate Configuration
Intel(R) PRO/1000 M	You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
This connection uses the fol	Ohtain an ID address automatically
Client for Microsoft	Use the following IP address:
QoS Packet Sched	IP address:
<ul> <li>Internet Protocol Vi</li> </ul>	Subnet mask:
Internet Protocol V	
Link-Layer Topolog	Deradic gateway:
	Obtain DNS server address automatically
	Use the following DNS server addresses:
Description	Preferred DNS server: 10 . 0 . 2 . 14
Transmission Control Prot wide area network protoc	Alternate DNS server:
across diverse interconne	Validate settings upon exit Advanced
	OK Cancel
C	

3. เปิด Command Prompt พิมพ์คำสั่ง nslookup เพื่อทดสอบ ใส่ lab1.it.com lab2.it.com it.com

C:\Windows\system32\cmd.exe - nslookup		J
C:\>nslookup Default Server: UnKnown Address: 10.0.2.14	A III	
> lab1.it.com Server: UnKnown Address: 10.0.2.14		
Name: lab1.it.com Address: 10.0.2.15		
> lab2.it.com Server: UnKnown Address: 10.0.2.14		
Name: lab2.it.com Address: 10.0.2.16		
> it.com Server: UnKnown Add <del>r</del> ess: 10.0.2.14		
Name: it.com Address: 10.0.2.14		
>	-	-

# ตั้งค่าDNS Zone Transfer (ย้าย DNS it.com มาที่ DNS cs.com)

1. คลิกขวาที่ Secondary Zone เลือก New Zone

s.com - DNS Records		- • ×
File Edit View Tools Help		
New Quick Save Cut	Copy Paste Delete Properties Bulk Help	
Zones		
Al Zones Primary Zones Secor New Zone	Name Type TTL Data Comments	

 พิมพ์ชื่อ Zone ที่จะย้ายมา คือ it.com และ ip address ของ server คือ 10.0.2.14 จากนั้นคลิก ปม Finish

100		
s.com - DNS Records		
File Edit View Tools	Help	
New Quick Save	Joint     Joint     Joint     Joint     Joint     Joint       Cut     Copy     Paste     Delete     Properties     Bulk     Help	
Zones		
All Zones	New Zone Wizard	
Secondary Zones     Zone Groups	New Zone Wizard	
	New Secondary Zone	
	Zone Name:	
	it.com	
	ID address of adverse DNC answer	
	TSIG sign zone transfer requests with key:	
	Set	
	< Back Finish Cancel	
[[		.::

3. คลิกขวาที่ it.com เลือก Properties

s.com - DNS Records				- D X
File Edit View Tools Help				
New Quick Save Cut	Copy Paste	Delete Properties Bulk	. Help	
Zones	iLcom			
Al Zones Pimary Zones Secondary Zones Cone Groups Versions Suspend Reload from Primary Make Copy Move to Group Delete Properties	Name	Type TTL Data	a Comments	
0 DNS Records				

4. จะแสดงหน้าต่างดังภาพ เลือกแท็บ Zone Transfer ใส่เครื่องหมายถูก

📝 Accept un-signed zone transfers requests: และคลิกปุ่ม

Dynamic L	lpdates	DNSSE	C	Comments
General	SOA-reco	ord Zo	ne Transfers	Notif
Accept TSIG following keys	authenticated s (from any IP a	zone transfer re ddress):	quests signed	with one of th
				Add
				Edit
<ul> <li>Accept un</li> <li>From a</li> <li>Only fi</li> </ul>	-signed zone ti any IP address	ansfers request	3:	Remove
<ul> <li>Accept un</li> <li>From a</li> <li>Only from a</li> </ul>	i-signed zone to any IP address rom the followin	ansfers request	s: :	Remove
Accept un     From a     Only f	i-signed zone ti any IP address rom the followir	ansfers request ng IP addresses	s: :	Add
Accept un     From a     Only f	i-signed zone to any IP address rom the followin	ansfers request	3:	Add
Accept un     From a     Only fi	i-signed zone to any IP address rom the followin	ansfers request	5:	Add Edit

5. ที่ DNS Server it.com เลือก 🌞 💯 Primary Zones คลิกขวาที่ it.com เลือก Properties

it.com - DNS Records							_ 0
File Edit View Tools Help					1 4 4		
7 . 🗟 . 📕 🧚		X		в	2		
New Quick Save Cut	Copy Paste	Delete P	roperties	Bulk	Help		
es	iLcom					Providence Control of State	
Primary Zones	Name	Туре	TTL	Data	20101120001	Comments	
Secondary Zones	it.com	NS	10800	it.com	2016112902]		
Zone Groups	it.com	А	10800	10.0.2	14		
t	lab1.it.com	A	10800	10.0.2	15		
Versions		~	10000	10.0.2.	10		
Suspend Make Conv							
Make copy							
Delete							
DNSSEC sign							
View/Save as standard zone file							
New A-record (Host Address)							
New AAAA-record (IPv6 Host A	ddress)						
New CNAME-record (Alias)							
New ALIAS-record (Auto resolv	ed alias)						
New MX-record (Mail Exchange	e)						
New NS-record (Name Server).							
New TXT-record (Text Strings).	•						
Other new record	•						
Properties							
	<b>Ŧ</b> /		_				
<b>6.</b> ทีแท็บ <sup>  ∠o</sup> ⊓	ne Transfers	เลือก	Acc	ept un-	signed zor	ne transfers requests	:
					9	~	
one Properties - it.com					(B)	<u> </u>	
·							
Dynamic Updates	DN	VSSEC		Com	iments		
General SO/	A-record	Zone Tr	ansfers		Notify		
Accept TSIG authentic	ated zone trans	fer requests	s signed	with or	ne of the		
following keys (from an	y IP address):						
					Add		
					/		
					Edit		
				F	Remove		
Accept un-signed z	one transfers rec	quests:					
From any IP ad	dress						
Only from the fo	lowing IP addre						
Only nomene to	nowing in addre	53553.					
					Add		
					Edit		
					temove		
Add IF	addresses of z	one's NS-re	cords	<i>x</i> .			
		1. S. S.					
			OK		Cancel		
			UN		Carloci		

Dynamic U	pdates	DNSSEC	Comments
General	SOA-record	Zone Transfer	s Notify
Secondar	y DNS servers lister	d in zone level NS-reco	Add Edit Remove
This exclude as defined i	s the NS-record list n the SOA-record.	ing the primary DNS se	erver name

Seneral SOArecord Zone Transfers Notify   /hen this zone is updated, send NOTIFY requests to: Secondary DNS servers listed in zone level NS-records (*)   Send NOTIFY request to   DNS server IP address:   10.0.2.9   OK Cancel   This excludes the NS-record listing the primary DNS server name as defined in the SOArecord	Dynamic Op	odates	DNSSEC	Comments	
When this zone is updated, send NOTIFY requests to:    Secondary DNS servers listed in zone level NS-records (*)  Send NOTIFY request to  DNS server IP address:  10.0.2.9  DK Cancel  This excludes the NS-record listing the primary DNS server name as defined in the SOArecord	General	SOA-record	Zone Transfe	ers Notify	
DNS server IP address: 10.0.2.9 OK Cancel This excludes the NS-record listing the primary DNS server name as defined in the SOArecord	Secondary	e is updated, send DNS servers listed Y request to	d in zone level NS-rec	ords (*)	
This excludes the NS-record listing the primary DNS server name as defined in the SOArecord	DNS serve	er IP address:		<u> </u>	
• This excludes the NS-record listing the primary DNS server name	10.0.2.9			🔦 🙀	
as defined in the Sofficeord.			ОК	Cancel	
	* This exclude: as defined ir	s the NS-record listi 1 the SOA-record.	ing the primary DNS s	erver name	
OK Cancel	* This exclude: as defined ir	s the NS-record listi 1 the SOA-record.	ing the primary DNS s	erver name	e

Dynamic Updat	tes	DNSSEC	Com	ments
General	SOA-record	Zone Transf	fers	Notify
Primary DNS serve	er for this zone (F	QDN):		
t.com				
E-mail address of t	he person respo	nsible for this zone:		
admin@it.com				
Serial number:	2016112902	×		
Refresh interval:	3	Hours -		
Retry interval:	1	Hours -		
Expire time:	14	Days 🔹		
"Minimum" TTL:	1	Hours		
SOA-record TTL:	3	Seconds 💌		

**10.** ที่แท็บแจ้งเตือน คลิกขวา Save Zone

ιL

it.com - DNS Records				
File Edit View Tools Help				
New Quick Save	Copy Paste Delet	e Properties Bu	B Jlk Help	
Zones	it.com			
All Zones	Changes made to this zone	have Save zone	ot yet available through	DNS.
Secondary Zones	Name	Type IIL	Vata	Comments
🗄 💼 Zone Groups	it.com	SOA 3 i	it.com [2016112902]	
	it.com	NS 10800	it.com	
t.com	lab1.it.com	A 10800	10.0.2.14	
	lab2.it.com	A 10800	10.0.2.16	
E DNIC Research				
3 DIVS RECOIDS				

os.com - DNS Records			- • • ×
File Edit View Tools Help			
New Quick Save Cut	Copy Paste Dele	te Properties Bulk Help	
Zones	it.com		
All Zones	Name	Type TTL Data	Comments
Bw Pimary Zones Secondary Zones B Zone Groups	it.com it.com lab1it.com lab2it.com	SOA         3         t.com         [2016112903]           NS         10800         it.com           A         10800         10.0.2.14           A         10800         10.0.2.15           A         10800         10.0.2.16	
5 DNS Records			

11. กลับมาที่เครื่อง Server cs.com record it.com จะอัพเดท

# ตั้งค่าDNS Zone Transfer (ย้าย DNS cs.com มาที่ DNS it.com)

1. ทำซ้ำอีกครั้ง ที่ DNS Server it.com จะปรากฏ record cs.com ดังภาพ

it.com - DNS Records				
File Edit View Tools Help				
New Quick Save Cut	Copy Paste Dele	ete Properties Bulk	Help	
Zones	cs.com	· · ·	Ċ.	
All Zones Primary Zones Concernant Zones Concernation Concernant Zones Concernant Zones Concerna	Name cs.com cs.com lab1.cs.com lab2.cs.com	Type         TTL         Data           SOA         3         cs.com           NS         10800         cs.com           A         10800         10.0.2           A         10800         10.0.2           A         10800         10.0.2	Comments 1 [2016112908] 1.9 .10 .11	
5 DNS Records				

## ทดสอบเครื่อง Client ทั้ง 2 Zone

1. ที่ Client ของ zone cs.com พิมพ์คำสั่ง nslookup lab1.it.com lab2.it.com



2. ที่ Client ของ zone it.com พิมพ์คำสั่ง nslookup lab1.cs.com lab2.cs.com

C:\Windows\system32\cmd.exe - nslookup		J
C:∖>nslookup Default Server: UnKnown Address: 10.0.2.14		
> lab1.cs.com Server: UnKnown Address: 10.0.2.14		
Name: lab1.cs.com Address: 10.0.2.10		
> lab2.cs.com Server: UnKnown Address: 10.0.2.14		
Name: lab2.cs.com Address: 10.0.2.11		
>		
	-	-