**Revert** your snapshots for the VMs

Introduction  
**Revert** your snapshots for the VMs   
W2k8a01, w7a, and w7b  
All machines are on the same subnet

In this lab you will install and configure Active Directory and DNS  
Create users and groups  
  
**Network Verification**  
Verify that all devices can ping each other   
  
**Install Active Directory and DNS Together**  
onw2k8a01  
Please review and, note, there are no entries for AD  
  
Start, Run and dcpromo  
on Welcome to the Active Directory Domain Services Installation Wizard  
click Next  
on Operating System Compatibility  
click Next  
on Choose a Deployment Configuration  
click the radio button next to Create a new domain in a new forest, Next  
on Name the Forest Root Domain,   
type kim.com in the textbox under FQDN of the forest root domain:  
Next  
on Set Forest Functional Level   
select the highest level in dropdown Forest Functional Level:  
on Additional Domain Controller Options  
leave the checkbox next to DNS Sever checked  
select Yes at the popup  
on the Location for DataBase, Log Files, and SYSVOL, Next  
on Directory Services Restore Mode Administrator Password  
type Password01, or a password of your choice, Next  
on Summary  
scroll and read it  
click Next  
on the popup  
select the box next to Reboot on completion  
After reboot  
logon as Administrator w2k8a01  
go to Administrative Tools  
click DNS  
on DNS Manager console  
click the plus next to w2k8a01  
click the plus next to Forward Lookup Zones  
click kim.com  
Notice that the Forward Lookup Zone is created  
click the plus next to Reverse Lookup Zones  
Notice that the Reverse Lookup Zone is not created  
right click Reverse Lookup Zones, New Zone  
on Welcome to the New Zone Wizard  
click Next  
on Zone Type leave the default settings  
click Next  
on Active Directory Zone Replication Scope  
click Next  
on Reverse Lookup Zone Name  
click Next  
in Network ID: textbox  
type 172.16.150, Next  
on Dynamic Update  
click Next  
On Completing New Zone Wizard  
click Next  
click the plus next to 150.16.172-in-addr.arpa  
on the right pane notice there are two records, SOS and NS  
go to Forward Lookup Zone   
click kim.com  
in the right pane  
right click w2ka801, Properties  
click the checkbox next to Update associated pointer (PTR) record, OK  
click 150.16.172-in-addr.arpa, if the PTR record for w2k8a01is not displayed  
right click 150.16.172-in-addr.arpa, Refresh

**Add Clients to the domain**Please review DNS and, note, that the clients are not listed  
Add w7a and w7b to kim.com  
  
On w7a  
go to Control Panel, System, Advanced Settings, Computer Name, Change, Domain  
  
Type your domain, for example, kim.com  
Follow onscreen directions

**On DC create users and groups**   
Users and groups:  
banana, mango, coconut, kukui, and macnuts  
coconut, is not in a group  
put banana and mango in group islandfruits  
put both kukui and macnuts group hawaii

Go to Admin tools, AD Users and Computers  
Click the plus to expand kim.com  
Click Users to view it  
R click Users  
Hoover New with the mouse and notice the items  
Select User or Group to create either  
Give all users the same password  
  
Add users to group  
There are two ways to do this: r click the user or right click the group  
Be sure to try both  
  
**Users logon from each client**From ea client, log onto the domain with a user you just created

**View the network**  
On a client  
Go to Accessories, Windows Explorer, Network  
If prompted, turn on network discovery and f sharing  
When prompted for username and password, enter the user name and password. What is the result?

Now use Administrator and the admin password  
What is displayed? Why?

On DC  
Go to Start, Network  
If prompted, turn on network discovery and f sharing  
When prompted for username and password, enter Administrator and the admin password

What is displayed? Why?

On DC  
Create a folder on C:\ and share it with everyone  
  
On client  
If Network is still displayed, r click and Refresh  
What is displayed? Why?

If not already in Network  
Go to Start, Network  
If prompted, turn on network discovery and f sharing  
When prompted for username and password, enter Administrator and the admin password  
What is displayed? Why?