

## **OBJECTIVE: How to clone multiple workstations "fresh out of the box"**

Note: You should do the other T3 labs prior to this lab because they give detailed explanations for using the Backup and Restore Configuration Files task.

### **1. Create the master configuration on one workstation and then back it up using the TCM Operations Utility.**

- Set up and configure the workstation, including applications, print server, and application unique settings using the NSBoot Setup Utility and Configuration Tool
- Define a set of SNMP community names and an administrator password using the Configuration Tool.
- Use the Back Up or Restore Configuration Files task in the TCM Operations Utility to back up this master configuration.

### **2. On each new workstation to be cloned from the master configuration, power up the workstation and go through the basic configuration in the boot monitor.**

Set up the following in the NSBoot Setup Utility:

- Keyboard setting
- Display resolution and frequency
- Configure IP settings
  - Thin client IP address
  - Gateway IP address
  - Domain Name Server IP address
- Reboot the workstations.
- They will boot to the Configuration Tool. At this point you can leave the workstation and go to your server to complete your system administration.

### **3. Use the Add Workstation or Group task in the TCM Operations Utility on your server to add and set up all the new workstations.**

- Setting passwords and SNMP community names here stores the values in the profile of each workstation to be used by the Operations Utility.
- The values for all the workstations to be cloned can be changed all at one time by selecting all of them. The actions below will then be applied to the workstations highlighted.
  - Enter workstation IP address
  - Enter the SNMP read community name and the SNMP read/write community name. These will be the default values with which the thin clients were shipped.

### **4. Use the Refresh Workstation Status task to establish connection with all of the workstations.**

### **5. Use the Change Remote Access Authorization task**

- Add an administrator password
- Change the SNMP read/write community name to some value other than the default.

### **6. Use the Back Up or Restore Configuration Files task to complete the cloning.**

- Using the Restore option select the Common back up for all of the highlighted thin client to be cloned.

### **7. Use the Shut Down or Reboot task to reboot the thin clients to complete the restore.**

**8. Use the Grant or Deny Access to Configuration Tool tasks to limit or prevent access to the Configuration Tool.**