**ADScript Test Cases**

1. Initial mode selection
   1. Select ‘1’: Expected result -> Script shows OU tree
      1. See item (3)
   2. Select ‘2’: Expected result -> Script asks for DN/CN/KW
      1. See item (4)
   3. Select ‘3’: Expected result -> Script asks for CSV file
      1. See item (2)
   4. Press Enter: Expected result -> Script closes
   5. Other options: Expect result -> Error “Invalid selection”
2. Input CSV file to import multiple objects
   1. Enter a correctly formatted CSV file: Expected result -> All objects attempt to be added to the AD
      1. Reasons to not be added are the following:
         1. A computer object already has the chosen name
         2. A computer object already has the chosen MAC address
         3. No value for Name, MAC, OU, and/or DP
         4. Computer name has an invalid character
         5. Computer name is not between 1 and 15 characters
         6. Computer is a reserved word
         7. MAC address is not formatted correctly
         8. The OU value(s) is either specific enough
         9. Two specific OU keywords prevent one OU from being found
         10. You do not have access to the OU found
         11. The Deployment Server does not exist
   2. Enter an incorrectly formatted CSV file: Expected result -> Error “Invalid CSV file”
   3. Other options: Expected result -> Error “Invalid CSV file”
3. Manually select OU location
   1. Select ‘+’: Expected result -> Script asks for computer name
      1. See item (5)
   2. Select ‘^’: Expected result -> Script returns to default OU
   3. Select ‘<’: Expected result -> Script navigates up one OU
   4. Select ID: Expected result -> Script navigates to respective OU
   5. Other Options: Expected result -> Error: “Invalid selection”
4. Enter keywords to find OU location
5. Enter Computer Name
   1. Enter unique computer name: Expected result -> Script asks for MAC
   2. Enter existing computer name: Expected result -> Error: “Computer already exists at OU location”
   3. Enter no computer name: Expected result -> Error: “You didn’t enter a computer name. Try again.”
   4. Enter reserved word: Expected result -> Error: “Name can’t be a reserved word. Here they are. Try again.”
   5. Enter invalid character: Expected result -> Error: “Name can’t contain these characters. Try again.”
   6. Enter name that is too long/short: Expected result -> Error: “Name must be between 1-15 characters. Try again”
6. Enter Computer MAC
   1. Enter valid MAC: Expected result -> Script asks for description
   2. Enter MAC tied to existing object: Expected result -> Error: “MAC is tied to existing object. Try again”
   3. Enter invalid MAC: Expected result -> Error: “MAC is not formatted correctly. Try again.”
7. Enter Computer Desc
   1. Any option: Expected result -> Script asks for Deployment Server
8. Enter Computer Deployment Server
   1. Select valid ID: Expected result -> Script asks to confirm entered values
   2. Other options: Expected result -> Error: “Invalid selection”
9. Confirm Values
   1. Select ‘1’: Expected result -> Script goto item (3/4) and come back
   2. Select ‘2’: Expected result -> Script goto item (5) and come back
   3. Select ‘3’: Expected result -> Script goto item (6) and come back
   4. Select ‘4’: Expected result -> Script goto item (7) and come back
   5. Select ‘5’: Expected result -> Script goto item (8) and come back
   6. Press Enter: Expected result -> Script adds machine and asks if another object needs to be created
   7. Other options: Expected result -> Error: “Invalid selection”
10. Add another machine
    1. Select ‘1’: Expected result -> Clear values and goto item (5)
    2. Select ‘2’: Expected result -> Clear values and goto item (3/4)
    3. Press Enter: Expected result -> Script closes
    4. Other options: Expected result -> Error: “Invalid selection”