

MAC PREFERENCE PORTING
(in conjunction with "Creating a 'Default User' account")

- Disable SIP by holding down the CMD-R key when booting and launching Terminal. (Re-enable it afterwards on each machine after they have been imaged.) <https://www.imore.com/how-turn-system-integrity-protection-macos>
- Configure the master computer that will create the image. Set all the preferences and perform the necessary updates. Delete any other user accounts on that computer. For Active Directory accounts, that must be done by going to MacintoshHD > Users. Temporarily remove the computers password, leaving the "New password" fields blank.
- Launch Directory Utility and remove the computer from the administration.hcc domain by clicking "Unbind".
- Follow the 'Default User' instruction sheet, using the default EMS account already on the computer instead of the dummy account mentioned in step 2.
- From the EMS account, create a new dummy administrator account with a simple password. It will be deleted at the end of the process.
- Then follow steps 4 and 5 on the instructions. Remember that the "Default" account on the instructions refers to the EMS account.
- On step 6, in addition to deleting all the content from "/Users/default/Library/Caches", also delete all the content from the "/Users/default/Library/Keychains" folder.
- Before step 7, give the new dummy account read and write permissions to the "/Users/EMS" and to "/System/Library/User Template" folders and all enclosed subfolders/items.
- Follow step 7 and log in with the dummy account. Follow the rest of the steps. Remember that the "default" account refers to the EMS account.
- After completing all the steps, restart the computer and follow the initial setup process, logging into the dummy account. If the dummy account is identical to the EMS account, the process was successful. Reboot, then log back in to the EMS account and delete the dummy account created during initial setup. Reset the password for the EMS account.
- Launch Directory Utility and rebind the computer to Active Directory. The Domain is administration.hcc. Make sure the Computer ID is correct.

Under the Administrative tab, check “Allow Administration by:” and enter “administration\[*user name*]”. Click “Bind”. The verification username and password are emsdeploystudio and M@c2016Don106.

- Launch Terminal and type “sudo dsconfigad -passinterval 0”.
- Clean up Recent Items and Folders (in the dock as well). Restart the computer and hold CMD-R. Go to Terminal and re-enable SIP. Then restart again and log in to the EMS master account.
- On the master computer, log in to the EMS-server with the administrator account. Go to System Preferences > Time Machine. Choose EMS-backup on the server.
- When the backup is complete, shut down the master computer.
- Start a lab computer and hold down the CMD-R keys. Choose “Restore from Time Machine Backup”. Choose “Other servers” and enter “smb://EMS-server/EMS-backup”. Enter the server’s admin username and password. The backup will appear. Select the latest date and start the recovery process.
- When the computer reboots, log in to the EMS account. Go to System Preferences > Sharing and give the computer its appropriate share name.
- Launch Directory Utility and rebind the computer to Active Directory. The Domain is administration.hcc. Make sure the Computer ID is correct. Under the Administrative tab, check “Allow Administration by:” and enter “administration\[*user name*]”. Click “Bind”. The verification username and password are emsdeploystudio and M@c2016Don106.
- Launch Terminal and type “sudo dsconfigad -passinterval 0”.
- Clean up Recent Items and Folders. Restart the computer and test the login process.