

# 30% Changes

## *Module B – Windows Environment*

Submitted by:  
Module B Team

1. Pre-installation of most VM's including system names, IP's, and domain joined.
2. Pre-installation of Pubclient and HyperV1 machines (previously an install from scratch)
3. Reduction of GPO requirements
4. Removal of App-triggered VPN
  - Modify VPN requirement to always on VPN to allow access to all resources
5. 2 - Modification of HyperV Cluster:
  - Provide Failover clustering with live migration capability.
6. 6 - DHCP configuration Modifications:
  - Addition of DHCP Scope protection to restore backup states if modified.
7. 7 - Use Bitlocker to encrypt folder on drive of REMCLIENT machine.
8. 8 - Set specific Disk Quota's for user's home folders.
9. 9 - Set specific file type restrictions for user's home folders.
10. 11 - Group Policy Modifications:
  - Provide a login banner for all users.
11. 14 - Nest all Project VM's inside large 2016 Server (hosted on ESX) to allow for single Windows VM to host all VM's in project. Access to project VM's would be accomplished through hyper-V, and Remote Desktop. Access to Host VM would be accomplished via VMWare Workstation.
12. 18 - Use of DFS to have folder shares from different servers to appear as part of single share.