- Migration vthoughts
  - VCenter
    - Exports configuration items
      - Folders
      - Tags
      - DRS rules
      - Custom attributes
      - Consider using Enhanced linked mode
      - Scripting
    - Network settings
      - Layer 2
      - Layer 3
    - Keep name / change ip ?
      - Use data
      - Deploy new VM
      - Keep FQDN
    - Identity
      - Up to 64 , 0-63
      - MAC address collision detection alert
      - Check for duplicate MAC address
  - Hosts
    - Upgrade
      - 5.5 upwards
      - Scripted export
      - Partial ugrade & migrate
    - Side by side
      - Swing hosts
      - Evc mode
        - Source hosts
      - Disconnect
      - Reconnect
      - vSS
        - Workloads Already on it
    - Dvs
      - Locked to vCenter
      - Back up and restore
      - LACP
        - Convert to vSS
      - Convert to switches
  - Solutions
    - SRM
      - Change of uuid
      - New install
    - Back up
      - New install
    - VUM
      - Reconfigure
      - In vCenter already
    - Review list of plugins
      - Check using migration assistant
      - Scripting API
      - Read only
  - VMs
    - New workloads
      - Shared SSO
        - GUI
      - New SSO
        - API
          - Datacenter migrations
          - Live
          - vMotion
          - Cold migrate
    - Existing
      - Lun swing
        - SvMotion
      - Turn off
      - Share storage
        - Re- Register
      - Content library
        - 443
        - Sync on demand
        - Off and ovf
- Migrate to VCSA you should
  Emad Younis
  William Lam

- Conceptual
  - End of windows version
  - 2 components
    - Assistant
      - Pre-check
      - Copies data
      - No changes
    - Migration tool
      - Separate VM
      - 2 stage
        - New appliance
        - Data from source
  - Keeps identity of vCenter
    - UUID
    - Ip
    - FQDN
  - 5.5 upwards
  - Roll back
  - 1:1 relationship with appliance
- Automation
  - CLI based
  - JSON files
  - Templates
    - Install
    - Upgrade
    - Migrate
  - CLI-utility
  - Multi-platform
- Migration path
  - Horizontal migration
    - No upgrade supported in tool
  - Consolidation
  - Topology change
    - Embedded
    - External
      - To embedded
        - New build
        - Migrate VMs live
        - VSphere 6.0
        - Move-vm