VCAP-DTA Bonus Material v1.0 (30/7/14)

This document is to be used in conjunction with the VCAP-DTA study guide that I wrote, which is available at http://virtual-fabric.com/vcap-dta-consolidated-study-guide. The answers are listed at the end of the document.

If you have any errata or feedback, please tweet me at **@ChrisBeckett**.

Section 1 – Deploy View Installations and Upgrade Existing Deployments

Objective 1.1 – Deploy Highly Available View Installations

1. What type of Connection Server do you install when a Connection Server already exists in the block?
>   a) Standard
>   b) Replica
>   c) Security
>   d) Transfer

2. What rule can be configured to separate Connection Servers to different hosts in a vSphere cluster?
>   a) HA Rule
>   b) Admission Control Rule
>   c) Affinity Rule
>   d) Anti-Affinity Rule

3. When adding vCenter Servers to a Horizon View pod, which port should I connect to on the vCenter?
>   a) 443
>   b) 18443
>   c) 80
>   d) 4172

Objective 1.2 – Deploy and Configure View Composer

1. A View Composer server must reside on the same server as vCenter Server
  a) True
  b) False

2. Which command line tool is used to manipulate View Composer settings?
  a) sviconfig
  b) vdmadmin
  c) vdiadmin
  d) comptool

3. Which tool is used to migrate certificates in a View Composer installation?
  a) sviconfig
  b) vdmadmin
  c) aspnet_iisreg
  d) keytool

Objective 1.3 – Deploy and Configure a View Security Server

1. Which of the following ports are required through the Security Server firewall to the public internet?
  a) 80
  b) 18443
  c) 443
  d) 4172

2. Which installer is used to deploy a Security Server?
  a) Connection Server
  b) Transfer Server
  c) View Composer
  d) View Consolidated Installer

3. Secure Tunneling for PCoIP requires what in the URL field?
  a) FQDN and port number
  b) IP address
  c) FQDN
  d) IP address and port number

Objective 1.4 – Deploy and Configure View Transfer Server

1. What ports does the Transfer Server use?
      a) 18443
      b) 443
      c) 92111
      d) 80

2. A Transfer Server must be domain joined prior to the Transfer Server installation
      a) True
      b) False

3. A Transfer server requires which of the following?
      a) Must be a physical server
      b) 1Gbps NIC
      c) 8 vCPU
      d) View Client installed

Objective 1.5 – Upgrade View Infrastructure Components

1. Old versions of the View Client must be uninstalled prior to installing the new View Client version
      a) True
      b) False

2. Which tool is used to backup the LDS database before the upgrade process?
      a) keytool.exe
      b) vdiadmin.exe
      c) ldsexport.exe
      d) vdmexport.exe

3. Place these View server components in the correct upgrade order
      a) Security Server
      b) Connection Server
      c) Composer Server
      d) View Client

Section 2 – Configure and Administer View Components

Objective 2.1 – Configure and Manage View Global Policies and Settings

1. Global policies can be overridden at pool level
      a) True
      b) False

2. What global policy enforcement options are available at pool level?
      a) Allow
      b) Enforce
      c) Deny
      d) Inherit

3. How can the effective pool global policy be verified?
      a) vdmexport.exe
      b) Applied Policy column in View Administrator
      c) keytool.exe
      d) vCenter Roles and Permissions

Objective 2.2 – Configure Administrator Roles and Permissions

1. Default View administrator roles can be deleted
      a) True
      b) False

2. What View object is used to group desktops and apply permissions to?
      a) Pool
      b) OU
      c) Connection Server
      d) Folder

3. Which privilege is required to perform View Composer tasks?
      a) Administrator
      b) Register Agent
      c) Manage Composer Pool Image
      d) Direct Interaction

Objective 2.3 – Configure Syslog and View Events Database

1. A 32 bit DSN needs to be configured prior to configuring the Events Database
      a) True
      b) False

2. Which port does the Event Database use when connecting to SQL Server?
      a) 4721
      b) 443
      c) 1521
      d) 1433

3. By default, events are classified as new events for how long?
      a) 1 day
      b) 2 days
      c) 3 days
      d) 7 days

Objective 2.4 – Backup and Restore View Environment

1. Which command line tool is used to backup View Composer?
      a) sviconfig.exe
      b) vdmadmin.exe
      c) keytool.exe
      d) compbackup.exe

2. Which command line tool is used to restore the LDS database?
      a) vdmadmin.exe
      b) vdmexport.exe
      c) sviconfig.exe
      d) vdmimport.exe

3. What task must be performed on an LDF backup file before restoring?
      a) Decrypt the backup file
      b) MD5 checksum
      c) Unzip the backup file
      d) Put the Connection Server into maintenance mode

Objective 2.5 – Configure Location Based Printing

1. What is the name of the DLL that must be registered before configuring Location Based Printing?
        a) ThinPrint.dll
        b) TPog.dll
        c) LocationBasedPrinting.dll
        d) TPVMGPoACmap.dll

2. What is the name of the group policy template required to configure Location Based Printing?
        a) ThinPrint.adm
        b) Printing.adm
        c) ADM file is not required
        d) vdm_agent.adm

3. When configuring printer association by MAC address, what is the correct syntax for a Windows client machine?
        a) 01-23-45-67-89-ab
        b) 01:23:45:67:89:ab
        c) 0123456789ab
        d) Association by MAC address is not possible

Section 3 – Deploy, Manage, and Customize Pool Implementations

Objective 3.1 – Configure Pool Storage for Optimal Performance

1. Which type of storage is the replica disk most suited to?
        a) USB stick
        b) 15K disk
        c) SSD
        d) Floppy disk

2. What is the default storage overcommitment level?
        a) None
        b) Conservative
        c) Aggressive
        d) High

3. Where must the Storage Accelerator must be configured in View Administrator?
    a) vCenter Server
    b) Connection Server
    c) Global Policies
    d) Pools

Objective 3.2 – Configure and Manage Pool Tags and Policies

1. On which View objects can tags be configured?
    a) Connection Server
    b) Security Server
    c) Desktops
    d) Pools

2. Only one tag at a time may be configured on a View object
    a) True
    b) False

3. If I have a single tag **Internal** configured on a Connection Server and a single tag **Finance** on a desktop pool, will a user accessing the Connection Server be able to access a virtual desktop in the pool?
    a) Yes
    b) No

Objective 3.3 – Administer View Desktop Pools

1. What type of pool is created when the desktops already exist?
    a) Manual
    b) Automated
    c) Terminal Services
    d) Pre-Configured

2. In order to save a user's profile to a fixed virtual disk, what must be configured?
    a) Disposable Disk
    b) User Disk
    c) Persona Management
    d) Persistent Disk

3. Which task puts a linked clone pool back to it's original snapshot state?
    a) Rebalance
    b) Recompose
    c) Refresh
    d) Review

Section 4 – Create, Customize, and Deploy View Desktop Images

Objective 4.1 – Build, Upgrade and Optimize a Windows Desktop Image

1. Which VMware components should be embedded in the parent image?
      a) VMware Tools
      b) View Client
      c) View Agent
      d) ThinPrint Client

2. What "Visual Effects" settings in the parent image is the most appropriate for VDI?
      a) Let Windows Choose
      b) Adjust for best appearance
      c) Adjust for best performance
      d) Custom

3. Which Windows features should be enabled in the parent image?
      a) System Restore
      b) None of these
      c) Indexing Service
      d) Superfetch

Objective 4.2 – Deploy Applications to Desktop Images

1. How can the MSI option switches be listed?
      a) Run msiexec /?
      b) Run msi /switches
      c) Run msiinstall /options
      d) Right click on the application file and select "Options"

2. How can an installed MSI based application be modified?
      a) Run "repair" from Add/Remove Programs applet
      b) Run "repairMSI.exe" from a Administrator Command Prompt
      c) Alter the registry setting MSIRepair for the application
      d) Re-run the application installer and select "repair"

3. EXE based applications cannot be installed into the parent image
      a) True
      b) False

Section 5 – Integrate ThinApp into a View Implementation

Objective 5.1 – Create a ThinApp Repository

1. Only one ThinApp repository location can be configured
    a) True
    b) False

2. After adding a new MSI to a ThinApp repository, what process must be run?
    a) Restart the Connection Server service
    b) Anti-virus scan of the repository
    c) Scan New ThinApps process in View Administrator
    d) vdmadmin.exe /scanrepo

3. What prerequisites must be met for a ThinApp repository?
    a) Applications must be packaged as MSI
    b) For streaming, users must have Read NTFS permissions to the repository share
    c) Packaged applications must be installed using ThinApp 4.7.1 only
    d) DFS must be used for fault tolerance

Objective 5.2 – Deploy ThinApp Applications using Active Directory

1. Which utility registers ThinApps on a virtual desktop?
    a) regthin.exe
    b) thinreg.exe
    c) vdmadmin.exe
    d) addapp.exe

2. How can an administrator assign a ThinApp to an OU?
    a) This is not possible
    b) Use thinreg.exe
    c) In Group Policy Management, use the Software Installation option under Computer or User Configuration
    d) Assign the ThinApp under ThinApps in View Administrator

3. What thinreg.exe switches would be used for a silent re-registration operation?
    a) /q /r
    b) /silent /rereg
    c) -qr
    d) -s -rr

Objective 5.3 – Compile and Deliver Full or Streaming Applications

1. What parameter must be altered in the package.ini file to enable MSI streaming?
>   a) StreamMSI=Yes
>   b) MSIStream=0
>   c) StreamingEnable=True
>   d) MSIStreaming=1

2. Which command is run to recompile ThinApps after a change is made?
>   a) build.bat
>   b) compile.bat
>   c) rebuild.cmd
>   d) compile.cmd

3. What ThinApp installation types are available in View Administrator?
>   a) Complete
>   b) Streaming
>   c) Full
>   d) Assigned

Section 6 – Configure and Optimize View Display Protocols

Objective 6.1 – Configure PCoIP and RDP for Varying Network Conditions

1. Which administrative template is used to set PCoIP group policies?
>   a) view_agent.adm
>   b) view_client.adm
>   c) view_server.adm
>   d) pcoip.adm

2. What PCoIP feature is enabled by default and draws the screen progressively to a complete display?
>   a) InstantDraw
>   b) DirectX
>   c) Build To Lossless
>   d) HDX

3. Configuring Network Resource Pools is only possible on Virtual Distributed Switches
>   a) True
>   b) False

Objective 6.2 – Configure Group Policies for PCoIP and RDP

1. What Group Policy setting is used to enable a fixed size cache on the local View Client?
     a) Configure PCoIP client image size cache policy
     b) Use PCoIP local client side cache
     c) PCoIP client image cache size
     d) Client image PCoIP fixed cache size policy

2. What MMC snap-in can be used to review effective group policy settings?
     a) Resulting Set of Policies
     b) Resultant Set of Policies
     c) Inherited Set of Policies
     d) Effective Set of Policies

3. What is the PCoIP Session Bandwidth Floor?
     a) The lowest bandwidth PCoIP will accept for audio streaming
     b) The value at which PCoIP is unusable in Kbps
     c) A lower limit specified in Kbps for PCoIP reserved bandwidth on a client
     d) The lowest bandwidth a Connection Server can use for HD video streaming

Objective 6.3 – Analyze PCoIP Metrics for Performance Optimization

1. You have accessed a virtual desktop console via vCenter to analyse PCoIP perfmon stats but the line is flat with no performance counters. Why might this be?
     a) The PCoIP service needs to be started
     b) Virtual desktop must be accessed via PCoIP to start PCoIP Server and collect counters
     c) The virtual NIC has been disconnected from the vSwitch
     d) NetFlow has not been configured on the VDS

2. Where can PCoIP log files be found?
     a) %PROGRAMDATA%\VMware\VDM\logs
     b) %PROGRAMFILES%\VMware\VMware View\VDM\Logs
     c) %TEMP%\VDM\Logs
     d) C:\VMware\VMware View\VDM\Logs

3. What is meant by "plateau" in PCoIP log files?
     a) A hard bandwidth limit enforced by a group policy
     b) The best performance experienced by an end user
     c) The maximum bandwidth consumed by PCoIP
     d) Indicates the packet loss on a PCoIP connection

Section 7 – Configure and Optimize View Endpoints

Objective 7.1 – Perform View Client Installations

1. What options can be set from the command line when installing the Windows View Client?
      a) Address of Connection Server
      b) Installation Directory
      c) Configure a Start Menu shortcut
      d) Set PCoIP as the default connection protocol

2. What options are available in the View Client group policy admin template?
      a) Allow Smart Cards
      b) Exclude all devices
      c) Connect all USB devices to the desktop on launch
      d) Certificate verification mode

3. USB redirection is failing. Why might this be?
      a) Group policy prevents it
      b) USB redirection not installed with the View Client
      c) Windows Update service has been disabled
      d) All of the above

Objective 7.2 – Upgrade View Clients

1. In order to upgrade the Windows View Client, the previous version must be uninstalled first
      a) True
      b) False

2. You have some zero clients you wish to upgrade to View Client 5.2, how would you do this?
      a) Download and install the installer from the View Portal on your Connection Server
      b) Push out an update package from SCCM
      c) Zero Clients cannot be upgraded
      d) Deploy a new version of firmware from the Zero Client Management station

3. What are the prerequisites for installing the View Client with Local Mode?
      a) Transfer Server must have been upgraded
      b) Administrative privileges to upgrade the client on the local machine
      c) A paired Connection and Security Server
      d) VMware Workstation should be installed first

Section 8 – Secure a View Implementation

Objective 8.1 – Configure and Deploy Certificates

1. What tool is used to install certificates into the Windows certificate store?
    a) MMC
    b) keytool.exe
    c) vdmadmin.exe
    d) sviconfig.exe

2. What tool is used to generate Certificate Signing Requests (CSRs)?
    a) MMC
    b) keytool.exe
    c) sviconfig.exe
    d) certreq.exe

3. Once the SSL certificate has been added to the Windows certificate store, what friendly name should be added to the server certificate?
    a) connserver
    b) vdm
    c) vdi
    d) trustedkey

Objective 8.2 – Harden View Components and View Desktops

1. What firewall ports are required on a Connection Server for authentication and PCoIP **only**?
    a) 50002
    b) 443
    c) 3389
    d) 4172

2. What message security mode should be used when unsigned messages must be rejected?
    a) Mixed
    b) Disabled
    c) Enabled
    d) Maximum

3. What is the correct URL syntax for the PCoIP External URL?
    a) secure.company.com:443
    b) secure.company.com:4172
    c) 10.10.10.10:4172
    d) 10.10.10.10:443

Section 9 – Configure Persona Management for a View Implementation

Objective 9.1 – Deploy a Persona Management Solution

1. What is the default persona sync schedule when enabled?
     a) 5 minutes
     b) 10 minutes
     c) 30 minutes
     d) 60 minutes

2. In the group policy, Persona Management can be configured to preload files and folders on logon
     a) True
     b) False

3. Mobile users must have the full profile downloaded on logon. Which Group Policy option enables this?
     a) Enable background download for laptops
     b) Download complete profile to mobile users
     c) Disable Persona Management for laptop users
     d) Enable full profile download on logon event

Objective 9.2 – Migrate a Windows Profile

1. You run migprofile.exe but get an error about Windows 7 APIs, what is the issue?
     a) The View Client is not installed
     b) The Connection Server requires the PCoIP Secure Gateway to be enabled
     c) migprofile.exe must be run from a Windows 7 machine
     d) Windows Firewall is preventing the migration process from running

2. How can you recursively migrate a whole directory of V1 profiles to a network share?
     a) Run migprofile.exe /s:\\file01\profiles* /t:\\file02\profiles.v2 /takeownership
     b) Run migprofile.exe /r /s:\\file01\profiles\ /t:\\file02\profiles.v2
     c) Run migprofile.exe /copyall /s:\\file01\profiles\ /t:\\file02\profiles.v2 /takeownership
     d) You cannot recursively migrate a whole directory of V1 profiles

3. Which XML tag is used in the migration config file to omit profile directories from being migrated?
     a)
     b)
     c)
     d)

Section 10 – Troubleshoot a View Implementation

Objective 10.1 – Troubleshoot View Pool creation and administration issues

1. What command line tool is used to delete orphaned linked clones?
      a) vdmadmin.exe
      b) sviconfig.exe
      c) cloneremove.exe
      d) viewmanager.exe

2. A helpdesk user tries to add an entitlement to a pool but can't. Why might this be?
      a) Helpdesk user is using Google Chrome, which is unsupported
      b) Helpdesk user needs to login using their Smart Card
      c) Helpdesk user needs Manage Pool privilege for the pool they are entitling
      d) The Inventory Administrators role has been deleted by accident

3. You are trying to create a manual pool, but the vCenter Virtual Machine you want to add is not listed. Why is this?
      a) The View Agent has not been installed on the vCenter virtual machine
      b) The vCenter version is 5.0
      c) The LDS database has been corrupted
      d) The vCenter virtual machine must be SysPrepped first

Objective 10.2 – Troubleshoot View administration management framework issues

1. Which of the following are required to access View Administrator?
      a) Adobe Air
      b) Microsoft Silverlight
      c) Adobe Flash
      d) QuickTime

2. The Connection Server service is started, but you are not able to access the View Administrator login page, why is this?
      a) SQL Server is down
      b) Windows Firewall is blocking traffic on port 443
      c) Mozilla Firefox is not a supported browser
      d) You are using the URL https://cs01.view.com/administrator

3. The Events log database is empty, why might this be?

        a) The Event Configuration shows SQL Server on port 1434 configured

        b) Nothing has happened in View

        c) The View Client has not been installed on the machine from which View Administrator is being run

        d) An ODBC data source to the Events Database has not been configured

Objective 10.3 – Troubleshoot end user access

1. An end user has called to say they can login to View but don't see all of their desktops. What has gone wrong?

        a) A proxy exemption needs to be configured for the View Connection Server

        b) The user has not been entitled to the desktop pool

        c) The functional level of the Windows domain is only 2008

        d) The user is a buffoon

2. An end user is trying to connect to a virtual desktop but on connection they are getting a black screen and then getting disconnected. What might be the issue?

        a) The View Client is out of date

        b) The View Connection Server is running an unsupported anti-virus solution

        c) The virtual desktop is on slow storage

        d) The virtual desktop does not have sufficient video RAM configured

3. An end user is trying to connect to a Connection Server using a self signed SSL certificate but is prevented from logging in with the error "the certificate authority is invalid or incorrect". How can this issue be worked around?

        a) Configure the View Client SSL settings to "do not verify server identity certificates"

        b) Use an older version of the View Client

        c) Configure Message Security Mode in View Administrator to disabled

        d) Enable the PCoIP Secure Gateway

Objective 10.4 – Troubleshoot network, storage, and vSphere infrastructure related to View

1. Users are complaining that screen refreshes are really slow, even on the corporate LAN. What might be the issue?

        a) They have tired eyes

        b) They are using the RDP protocol

        c) The port vSwitch uplink to the physical network has been set to 100Mbps

        d) They are using the Blast gateway

2. You have a cluster of ESXi 4.1 servers and you want to enable the View Storage Accelerator but it is greyed out. Why?

        a) The storage does not support VAAI extensions

        b) The View Storage Accelerator requires ESXi 5.0 and above

        c) The View Standard licence does not permit the use of View Accelerator

        d) The View Storage Accelerator requires SSD storage

3. A group of 20 virtual desktop machines with 1 vCPU and 2GB RAM are experiencing performance issues when all desktops are in use. What might be the cause?

        a) The Windows Firewall is enabled

        b) The ESXi host requires patching

        c) The desktops are in a resource pool with a memory resource limit of 40GB with no expandable reservation

        d) The JVM heap size on the Connection Server is too large

Answers

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    a) True
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2. Which command line tool is used to manipulate View Composer settings?
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    b) vdmadmin
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3. Which tool is used to migrate certificates in a View Composer installation?
- a) sviconfig
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- **c) aspnet_iisreg**
- d) keytool

Objective 1.3 – Deploy and Configure a View Security Server

1. Which of the following ports are required through the Security Server firewall to the public internet?
- **a) 80**
- b) 18443
- **c) 443**
- **d) 4172**

2. Which installer is used to deploy a Security Server?
- **a) Connection Server**
- b) Transfer Server
- c) View Composer
- d) View Consolidated Installer

3. Secure Tunneling for PCoIP requires what in the URL field?
- a) FQDN and port number
- b) IP address
- c) FQDN
- **d) IP address and port number**

Objective 1.4 – Deploy and Configure View Transfer Server

1. What ports does the Transfer Server use?
     a) 18443
     b) 443
     c) 92111
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2. A Transfer Server must be domain joined prior to the Transfer Server installation
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3. A Transfer server requires which of the following?
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2. Which tool is used to backup the LDS database before the upgrade process?
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     b) vdiadmin.exe
     c) ldsexport.exe
     d) vdmexport.exe

3. Place these View server components in the correct upgrade order
     a) Security Server **3**
     b) Connection Server **2**
     c) Composer Server **1**
     d) View Client **4**

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   - a) True
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2. What global policy enforcement options are available at pool level?
   - **a) Allow**
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3. How can the effective pool global policy be verified?
   - a) vdmexport.exe
   - **b) Applied Policy column in View Administrator**
   - c) keytool.exe
   - d) vCenter Roles and Permissions

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1. Default View administrator roles can be deleted
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   - c) Connection Server
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3. Which privilege is required to perform View Composer tasks?
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   - b) Register Agent
   - **c) Manage Composer Pool Image**
   - d) Direct Interaction

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2. Which port does the Event Database use when connecting to SQL Server?
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      b) 443
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      d) 1433

3. By default, events are classified as new events for how long?
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Objective 2.4 – Backup and Restore View Environment

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      a) sviconfig.exe
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      d) compbackup.exe

2. Which command line tool is used to restore the LDS database?
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2. Only one tag at a time may be configured on a View object
      a) True
      b) False

3. If I have a single tag **Internal** configured on a Connection Server and a single tag **Finance** on a desktop pool, will a user accessing the Connection Server be able to access a virtual desktop in the pool?
      a) Yes
      b) No

Objective 3.3 – Administer View Desktop Pools

1. What type of pool is created when the desktops already exist?
      a) Manual
      b) Automated
      c) Terminal Services
      d) Pre-Configured

2. In order to save a user's profile to a fixed virtual disk, what must be configured?
      a) Disposable Disk
      b) User Disk
      c) Persona Management
      d) Persistent Disk

3. Which task puts a linked clone pool back to it's original snapshot state?
      a) Rebalance
      b) Recompose
      c) Refresh
      d) Review

Section 4 – Create, Customize, and Deploy View Desktop Images

Objective 4.1 – Build, Upgrade and Optimize a Windows Desktop Image

1. Which VMware components should be embedded in the parent image?
      a) VMware Tools
      b) View Client
      c) View Agent
      d) ThinPrint Client

2. What "Visual Effects" settings in the parent image is the most appropriate for VDI?
      a) Let Windows Choose
      b) Adjust for best appearance
      c) Adjust for best performance
      d) Custom

3. Which Windows features should be enabled in the parent image?
      a) System Restore
      b) None of these
      c) Indexing Service
      d) Superfetch

Objective 4.2 – Deploy Applications to Desktop Images

1. How can the MSI option switches be listed?
      a) Run msiexec /?
      b) Run msi /switches
      c) Run msiinstall /options
      d) Right click on the application file and select "Options"

2. How can an installed MSI based application be modified?
      a) Run "repair" from Add/Remove Programs applet
      b) Run "repairMSI.exe" from a Administrator Command Prompt
      c) Alter the registry setting MSIRepair for the application
      d) Re-run the application installer and select "repair"

3. EXE based applications cannot be installed into the parent image
      a) True
      b) False

Section 5 – Integrate ThinApp into a View Implementation

Objective 5.1 – Create a ThinApp Repository

1. Only one ThinApp repository location can be configured
      a) True
      b) False

2. After adding a new MSI to a ThinApp repository, what process must be run?
      a) Restart the Connection Server service
      b) Anti-virus scan of the repository
      c) Scan New ThinApps process in View Administrator
      d) vdmadmin.exe /scanrepo

3. What prerequisites must be met for a ThinApp repository?
      a) Applications must be packaged as MSI
      b) For streaming, users must have Read NTFS permissions to the repository
share
      c) Packaged applications must be installed using ThinApp 4.7.1 only
      d) DFS must be used for fault tolerance

Objective 5.2 – Deploy ThinApp Applications using Active Directory

1. Which utility registers ThinApps on a virtual desktop?
      a) regthin.exe
      b) thinreg.exe
      c) vdmadmin.exe
      d) addapp.exe

2. How can an administrator assign a ThinApp to an OU?
      a) This is not possible
      b) Use thinreg.exe
      c) In Group Policy Management, use the Software Installation option under
Computer or User Configuration
      d) Assign the ThinApp under ThinApps in View Administrator

3. What thinreg.exe switches would be used for a silent re-registration operation?
      a) /q /r
      b) /silent /rereg
      c) -qr
      d) -s -rr

Objective 5.3 – Compile and Deliver Full or Streaming Applications

1. What parameter must be altered in the package.ini file to enable MSI streaming?
      a) StreamMSI=Yes
      b) MSIStream=0
      c) StreamingEnable=True
      d) MSIStreaming=1

2. Which command is run to recompile ThinApps after a change is made?
      a) build.bat
      b) compile.bat
      c) rebuild.cmd
      d) compile.cmd

3. What ThinApp installation types are available in View Administrator?
      a) Complete
      b) Streaming
      c) Full
      d) Assigned

Section 6 – Configure and Optimize View Display Protocols

Objective 6.1 – Configure PCoIP and RDP for Varying Network Conditions

1. Which administrative template is used to set PCoIP group policies?
      a) view_agent.adm
      b) view_client.adm
      c) view_server.adm
      d) pcoip.adm

2. What PCoIP feature is enabled by default and draws the screen progressively to a complete display?
      a) InstantDraw
      b) DirectX
      c) Build To Lossless
      d) HDX

3. Configuring Network Resource Pools is only possible on Virtual Distributed Switches
      a) True
      b) False

Objective 6.2 – Configure Group Policies for PCoIP and RDP

1. What Group Policy setting is used to enable a fixed size cache on the local View Client?
      a) Configure PCoIP client image size cache policy
      b) Use PCoIP local client side cache
      c) PCoIP client image cache size
      d) Client image PCoIP fixed cache size policy

2. What MMC snap-in can be used to review effective group policy settings?
      a) Resulting Set of Policies
      b) Resultant Set of Policies
      c) Inherited Set of Policies
      d) Effective Set of Policies

3. What is the PCoIP Session Bandwidth Floor?
      a) The lowest bandwidth PCoIP will accept for audio streaming
      b) The value at which PCoIP is unusable in Kbps
      c) A lower limit specified in Kbps for PCoIP reserved bandwidth on a client
      d) The lowest bandwidth a Connection Server can use for HD video streaming

Objective 6.3 – Analyze PCoIP Metrics for Performance Optimization

1. You have accessed a virtual desktop console via vCenter to analyse PCoIP perfmon stats but the line is flat with no performance counters. Why might this be?
      a) The PCoIP service needs to be started
      b) Virtual desktop must be accessed via PCoIP to start PCoIP Server and collect counters
      c) The virtual NIC has been disconnected from the vSwitch
      d) NetFlow has not been configured on the VDS

2. Where can PCoIP log files be found?
      a) %PROGRAMDATA%\VMware\VDM\logs
      b) %PROGRAMFILES%\VMware\VMware View\VDM\Logs
      c) %TEMP%\VDM\Logs
      d) C:\VMware\VMware View\VDM\Logs

3. What is meant by "plateau" in PCoIP log files?
        a) A hard bandwidth limit enforced by a group policy
        b) The best performance experienced by an end user
        c) The maximum bandwidth consumed by PCoIP
        d) Indicates the packet loss on a PCoIP connection

Section 7 – Configure and Optimize View Endpoints

Objective 7.1 – Perform View Client Installations

1. What options can be set from the command line when installing the Windows View Client?
        a) Address of Connection Server
        b) Installation Directory
        c) Configure a Start Menu shortcut
        d) Set PCoIP as the default connection protocol

2. What options are available in the View Client group policy admin template?
        a) Allow Smart Cards
        b) Exclude all devices
        c) Connect all USB devices to the desktop on launch
        d) Certificate verification mode

3. USB redirection is failing. Why might this be?
        a) Group policy prevents it
        b) USB redirection not installed with the View Client
        c) Windows Update service has been disabled
        d) All of the above

Objective 7.2 – Upgrade View Clients

1. In order to upgrade the Windows View Client, the previous version must be uninstalled first
        a) True
        b) False

2. You have some zero clients you wish to upgrade to View Client 5.2, how would you do this?
        a) Download and install the installer from the View Portal on your Connection Server
        b) Push out an update package from SCCM
        c) Zero Clients cannot be upgraded
        d) Deploy a new version of firmware from the Zero Client Management station

3. What are the prerequisites for installing the View Client with Local Mode?

   a) Transfer Server must have been upgraded

   b) Administrative privileges to upgrade the client on the local machine

   c) A paired Connection and Security Server

   d) VMware Workstation should be installed first

Section 8 – Secure a View Implementation

Objective 8.1 – Configure and Deploy Certificates

1. What tool is used to install certificates into the Windows certificate store?

   a) MMC

   b) keytool.exe

   c) vdmadmin.exe

   d) sviconfig.exe

2. What tool is used to generate Certificate Signing Requests (CSRs)?

   a) MMC

   b) keytool.exe

   c) sviconfig.exe

   d) certreq.exe

3. Once the SSL certificate has been added to the Windows certificate store, what friendly name should be added to the server certificate?

   a) connserver

   b) vdm

   c) vdi

   d) trustedkey

Objective 8.2 – Harden View Components and View Desktops

1. What firewall ports are required on a Connection Server for authentication and PCoIP **only**?

   a) 50002

   b) 443

   c) 3389

   d) 4172

2. What message security mode should be used when unsigned messages must be rejected?

   a) Mixed

   b) Disabled

   c) Enabled

   d) Maximum

3. What is the correct URL syntax for the PCoIP External URL?
      a) secure.company.com:443
      b) secure.company.com:4172
      c) 10.10.10.10:4172
      d) 10.10.10.10:443

Section 9 – Configure Persona Management for a View Implementation

Objective 9.1 – Deploy a Persona Management Solution

1. What is the default persona sync schedule when enabled?
      a) 5 minutes
      b) 10 minutes
      c) 30 minutes
      d) 60 minutes

2. In the group policy, Persona Management can be configured to preload files and folders on logon
      a) True
      b) False

3. Mobile users must have the full profile downloaded on logon. Which Group Policy option enables this?
      a) Enable background download for laptops
      b) Download complete profile to mobile users
      c) Disable Persona Management for laptop users
      d) Enable full profile download on logon event

Objective 9.2 – Migrate a Windows Profile

1. You run migprofile.exe but get an error about Windows 7 APIs, what is the issue?
      a) The View Client is not installed
      b) The Connection Server requires the PCoIP Secure Gateway to be enabled
      c) migprofile.exe must be run from a Windows 7 machine
      d) Windows Firewall is preventing the migration process from running

2. How can you recursively migrate a whole directory of V1 profiles to a network share?
      a) Run migprofile.exe /s:\\file01\profiles* /t:\\file02\profiles.v2 /takeownership
      b) Run migprofile.exe /r /s:\\file01\profiles\ /t:\\file02\profiles.v2
      c) Run migprofile.exe /copyall /s:\\file01\profiles\ /t:\\file02\profiles.v2 /takeownership
      d) You cannot recursively migrate a whole directory of V1 profiles

3. Which XML tag is used in the migration config file to omit profile directories from being migrated?

      a) <omitfolders></omitfolders>
      b) <nofolders></nofolders>
      c) <nocopyfolders></nocopyfolders>
      d) <excludefolders></excludefolders>

Section 10 – Troubleshoot a View Implementation

Objective 10.1 – Troubleshoot View Pool creation and administration issues

1. What command line tool is used to delete orphaned linked clones?

      a) vdmadmin.exe
      b) sviconfig.exe
      c) cloneremove.exe
      d) viewmanager.exe

2. A helpdesk user tries to add an entitlement to a pool but can't. Why might this be?

      a) Helpdesk user is using Google Chrome, which is unsupported
      b) Helpdesk user needs to login using their Smart Card
      c) Helpdesk user needs Manage Pool privilege for the pool they are entitling
      d) The Inventory Administrators role has been deleted by accident

3. You are trying to create a manual pool, but the vCenter Virtual Machine you want to add is not listed. Why is this?

      a) The View Agent has not been installed on the vCenter virtual machine
      b) The vCenter version is 5.0
      c) The LDS database has been corrupted
      d) The vCenter virtual machine must be SysPrepped first

Objective 10.2 – Troubleshoot View administration management framework issues

1. Which of the following are required to access View Administrator?

      a) Adobe Air
      b) Microsoft Silverlight
      c) Adobe Flash
      d) QuickTime

2. The Connection Server service is started, but you are not able to access the View Administrator login page, why is this?

    a) SQL Server is down

    b) Windows Firewall is blocking traffic on port 443

    c) Mozilla Firefox is not a supported browser

    d) You are using the URL https://cs01.view.com/administrator

3. The Events log database is empty, why might this be?

    a) The Event Configuration shows SQL Server on port 1434 configured

    b) Nothing has happened in View

    c) The View Client has not been installed on the machine from which View Administrator is being run

    d) An ODBC data source to the Events Database has not been configured

Objective 10.3 – Troubleshoot end user access

1. An end user has called to say they can login to View but don't see all of their desktops. What has gone wrong?

    a) A proxy exemption needs to be configured for the View Connection Server

    b) The user has not been entitled to the desktop pool

    c) The functional level of the Windows domain is only 2008

    d) The user is a buffoon

2. An end user is trying to connect to a virtual desktop but on connection they are getting a black screen and then getting disconnected. What might be the issue?

    a) The View Client is out of date

    b) The View Connection Server is running an unsupported anti-virus solution

    c) The virtual desktop is on slow storage

    d) The virtual desktop does not have sufficient video RAM configured

3. An end user is trying to connect to a Connection Server using a self signed SSL certificate but is prevented from logging in with the error "the certificate authority is invalid or incorrect". How can this issue be worked around?

    a) Configure the View Client SSL settings to "do not verify server identity certificates"

    b) Use an older version of the View Client

    c) Configure Message Security Mode in View Administrator to disabled

    d) Enable the PCoIP Secure Gateway

Objective 10.4 – Troubleshoot network, storage, and vSphere infrastructure related to View

1. Users are complaining that screen refreshes are really slow, even on the corporate LAN. What might be the issue?
      a) They have tired eyes
      b) They are using the RDP protocol
      c) The port vSwitch uplink to the physical network has been set to 100Mbps
      d) They are using the Blast gateway

2. You have a cluster of ESXi 4.1 servers and you want to enable the View Storage Accelerator but it is greyed out. Why?
      a) The storage does not support VAAI extensions
      b) The View Storage Accelerator requires ESXi 5.0 and above
      c) The View Standard licence does not permit the use of View Accelerator
      d) The View Storage Accelerator requires SSD storage

3. A group of 20 virtual desktop machines with 1 vCPU and 2GB RAM are experiencing performance issues when all desktops are in use. What might be the cause?
      a) The Windows Firewall is enabled
      b) The ESXi host requires patching
      c) The desktops are in a resource pool with a memory resource limit of 40GB with no expandable reservation
      d) The JVM heap size on the Connection Server is too large