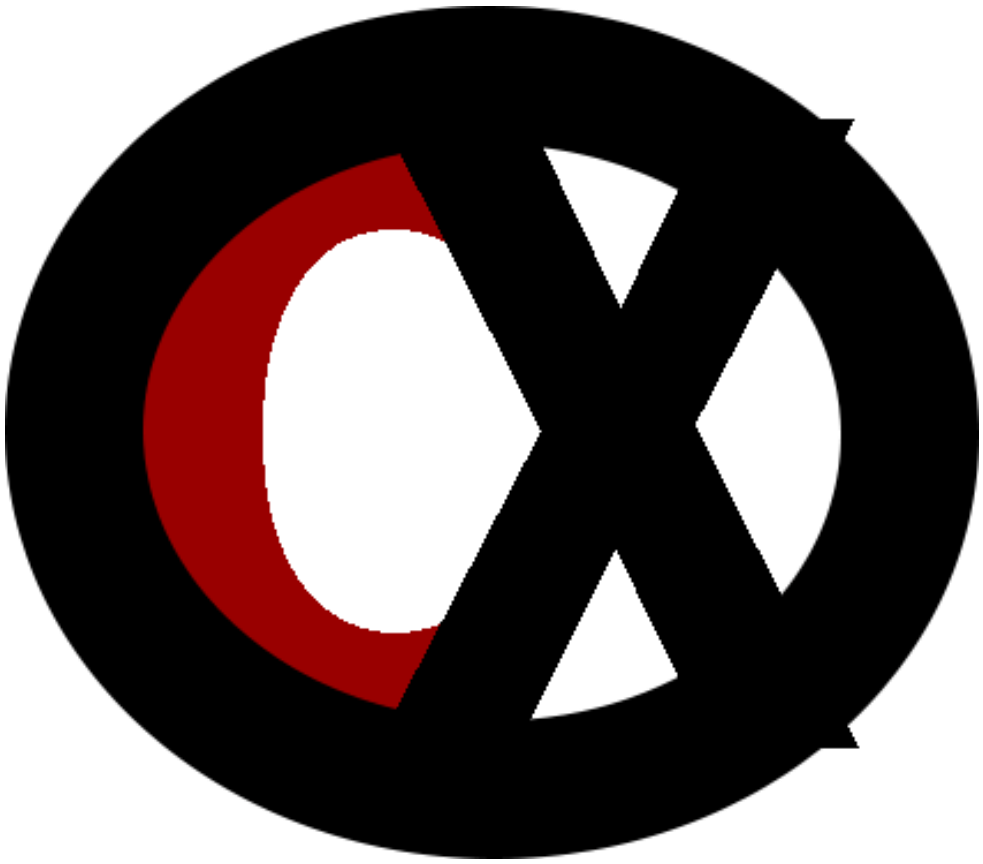
1Y0-201 Managing Citrix XenDesktop 7.6 Solutions Resource Guide



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1Y0-201 Managing Citrix XenDesktop 7.6 Solutions Resource Guide

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1Y0-201 Managing XenDesktop 7.6 Solutions Resource Guide

Section 1: Managing a Citrix XenDesktop 7.6 Solution

1.01

Task Description: Manage Server OS images and Desktop OS images

Source: Update a Master Image
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-5/cds-manage-scheme-rho/cds-update-master-vm-rho.html

Source: Manage application and desktop delivery
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-5/cds-manage-delivery-groups-wrapper.html

1.02

Task Description: Create Citrix Policies

Source: Create policies
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-policies-article/xad-policies-create.html

Source: Manage Citrix policies
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7/cds-manage-wrapper-rho/cds-policies-wrapper-rho.html

Source: Support for USB mass storage devices
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-1/cds-manage-wrapper-rho/cds-customize-usb-mass-storage-rho.html

1.03

Task Description: Manage License Usage

Source: FAQ: XenApp and XenDesktop 7.x Licensing
http://support.citrix.com/article/CTX128013

Source: Manage licensing
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7/cds-license-landing-/cds-licensing-management.html

1.04

Task Description: Delegate Administrative Rights

Source: Delegated Administration
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-security-article/xad-delegated-admin.html

1.05

Task Description: Publish server/desktop OS-hosted applications

Source: Delivery Groups
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-build-new-enviroment/xad-dg-create.html

Source: App-V
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-build-new-enviroment/xad-app-v.html

Source: XenApp published apps and desktops
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-build-new-enviroment/xad-deliver-xenapp.html

1.06

Task Description: Modify virtual machine settings

Source: Creating New Templates
http://docs.citrix.com/en-us/xencenter/6-1/xs-xc-vms/xs-xc-templates-new.html

Source: Prepare the virtualization environment: VMware
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-build-new-enviroment/xad-install-prep-host-vmware.html

Source: XenServer Virtual Machine Backup
http://support.citrix.com/article/CTX122191

1.07

Task Description: Manage device collections, target devices, and vDisks

Source: Provisioning Services 6.0 Administrator's Guide
http://support.citrix.com/article/CTX129993

Source: Importing Target Devices into a Collection
http://docs.citrix.com/en-us/provisioning/7-6/pvs-collections-wrapper/pvs-collections-device-import.html

Source: Support for Replicated vDisk Storage
http://docs.citrix.com/en-us/provisioning/7-6/pvs-vdisks-lifecycle-wrapper/pvs-vdisks-replication.html

Source: Updating vDisks
http://docs.citrix.com/en-us/provisioning/7-6/pvs-vdisks-lifecycle-wrapper/pvs-vdisks-update-wrapper.html

1.08

Task Description: Manage Personal vDisk

Source: VDI desktops
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-build-new-enviroment/xad-deliver-vdi.html

Source: Client folder redirection
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7/cds-manage-wrapper-rho/cds-client-folder-redirect-wrapper.html

Source: Tools
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-5/cds-pvd-intro/cds-pvd-tools_1.html

1.09

Task Description: Configure/modify NetScaler Gateway

Source: Configure NetScaler Gateway connection settings
http://docs.citrix.com/en-us/storefront/2-6/dws-manage/dws-configure-gateway.html

Source: Additional Configuration Guidelines
http://docs.citrix.com/en-us/netscaler-gateway/10-1/ng-xa-xd-integration-edocs-landing/ng-integrate-web-interface-apps-wrapper/ng-sso-wi-edocs-wrapper-con/ng-sso-wi-c/ng-sso-wi-guidelines-more-c.html

Source: Session Policies
http://docs.citrix.com/en-us/netscaler/10-5/ns-gen-appsec-wrapper-10-con/ns-aaa-app-trafc-wrapper-con-10/ns-aaa-session-con/ns-aaa-setup-session-pol-tsk.html

Source: Establishing a Secure Connection to the Server Farm
http://docs.citrix.com/en-us/netscaler-gateway/10-5/ng-xa-xd-integration-edocs-landing/ng-integrate-web-interface-apps-wrapper/ng-wi-integrate-apps-secure-connection.html

1.10

Task Description: Managing the Store

Source: Create or remove a store
http://docs.citrix.com/en-us/storefront/2-6/dws-manage/dws-create-store.html

Source: StoreFront 2.5.x
http://docs.citrix.com/content/dam/docs/en-us/archive/storefront/storefront-25x.pdf

Source: StoreFront 2.6 mandatory store explained
http://blog.citrix24.com/storefront-2-6-mandatory-store-explained

Source: Configure authentication for XenApp Services URLs
http://docs.citrix.com/en-us/storefront/2-6/dws-manage/dws-configure-pna-auth.html

1.11

Task Description: Manage the Delivery Controller environment

Source: Delivery controller environment
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-controller-intro.html

Source: Citrix XenDesktop 2.0 Using Citrix XenServer with Desktop Delivery Controller
http://support.citrix.com/article/CTX116927

1.12

Task Description: Manage User Profiles

Source: About profiles
http://docs.citrix.com/en-us/profile-management/5/upm-about-profiles.html

Source: Long term planning for Profile Management
http://blogs.citrix.com/2009/03/20/long-term-planning-for-profile-management

Source: How to disable Folder Redirection
https://4sysops.com/archives/how-to-disable-folder-redirection

1.13

Task Description: Managing HDX 3D Pro

Source: How to Configure XenServer 6.x Multi-GPU Passthrough for XenDesktop HDX 3D Pro Graphics
http://support.citrix.com/article/CTX135811

Source: GPU acceleration for Windows Desktop OS
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7/cds-deliver-landing/hdx-enhance-ux-xd/hd-3d-about/hd-3d-plan.html

1.14

Task Description: Manage the Print Environment

Source: Maintain the printing environment
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-print-landing/xad-print-drivers-optimize-display.html

Source: Print policies and preferences
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-print-landing/xad-print-policies-prefs.html

Source: Printing
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-print-landing.html

1.15

Task Description: Manage configuration logging

Source: Citrix Director 7.6 Deep-Dive Part 2: Support for XenApp 6.5
http://blogs.citrix.com/2014/10/16/citrix-director-7-6-deep-dive-part-2-support-for-xenapp-6-5

Source: Configure permissions for VDAs earlier than XenDesktop 7
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-monitor-article/xad-monitor-director-wrapper/xad-monitor-config-permissions-legacy-vda.html

Section 2: Maintaining Citrix XenDesktop 7.6 Solutions

2.01

Task Description: Update the desktop image

Source: Update a master image
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-5/cds-manage-scheme-rho/cds-update-master-vm-rho.html

Source: Create a machine catalog
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-build-new-enviroment/xad-mach-cat-intro/xad-mach-cat-create.html

Source: Hotfix ICATS750WX64033 - For VDA Core Services 7.1/7.5 for Windows Server OS (64-bit) - English
http://support.citrix.com/article/CTX142349

2.02

Task Description: Configure Power Management settings

Source: Install VDAs using the standalone package
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-build-new-enviroment/xad-install-standalone-vda.html

Source: Machines
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-build-new-enviroment/xad-dg-create/xad-dg-manage-machines.html

Source: Turn off xendesktop vms when not in use
http://discussions.citrix.com/topic/353486-turn-off-xendesktop-vms-when-not-in-use/

2.03

Task Description: Maintain Delivery Groups

Source: Applications
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-build-new-enviroment/xad-dg-create/xad-dg-manage-apps.html

Source: Enable or Disable Maintenance Mode
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-5/cds-manage-delivery-groups-wrapper/cds-put-desktop-into-maintenance-mode-rho.html

Source: Machines
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-build-new-enviroment/xad-dg-create/xad-dg-manage-machines.html

2.04

Task Description: Maintain Machine Catalogs

Source: Create a machine catalog
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-build-new-enviroment/xad-mach-cat-intro/xad-mach-cat-create.html

Source: Manage machine catalogs
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-build-new-enviroment/xad-mach-cat-intro/xad-mach-cat-manage.html

2.05

Task Description: Maintain the XenServer

Source: Citrix XenServer Workload Balancing 6.0 Administrator's Guide
http://docs.vmd.citrix.com/XenServer/6.0.0/1.0/en_gb/reference.html

Source: Support for Replicated vDisk Storage
http://docs.citrix.com/en-us/provisioning/7-6/pvs-vdisks-lifecycle-wrapper/pvs-vdisks-replication.html

Source: Citrix XenServer 6.0 Installation Guide
http://docs.vmd.citrix.com/XenServer/6.0.0/1.0/en_gb/installation.html#applying_hotfixes

2.06

Task Description: Maintain vDisks

Source: Clearing The Air – Fixed or Dynamic vDisks?
http://blogs.citrix.com/2012/02/13/fixed-or-dynamic-vdisks

Source: Merging VHD Differencing Disks
http://docs.citrix.com/en-us/provisioning/7-6/pvs-vdisks-lifecycle-wrapper/pvs-vdisks-update-wrapper/pvs-vdisks-vhd-merge.html

Source: Support for Replicated vDisk Storage
http://docs.citrix.com/en-us/provisioning/7-6/pvs-vdisks-lifecycle-wrapper/pvs-vdisks-replication.html

Section 3: Monitoring Citrix XenDesktop 7.6 Solutions

3.01

Task Description: Use Citrix Director to Monitor the environment

Source: How to Add Multiple Sites to Desktop Director
http://support.citrix.com/article/CTX136165

Source: Diagnose user logon issues
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-monitor-article/xad-monitor-director-wrapper/xad-help-desk-wrapper/xad-help-logon-user.html

Source: Resolve application failures
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-monitor-article/xad-monitor-director-wrapper/xad-help-desk-wrapper/xad-help-app-failure.html

3.02

Task Description: Monitor machine processes and failures

Source: Troubleshooting XenDesktop brokering process
http://blogs.citrix.com/2012/07/23/troubleshooting-xendesktop-brokering-process-2

Source: Monitor deployments
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-monitor-article/xad-monitor-director-wrapper/xad-monitor-deployment-wrapper.html

Source: Displays, messages, and troubleshooting
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/cds-pvd-intro/cds-pvd-troubleshoot.html

3.03

Task Description: Monitor hosted server workload

Source: Monitor deployments
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7/cds-monitor-wrapper/cds-monitor-director-wrapper/cds-monitor-deployment-wrapper.html

Source: Image
https://citrixxperience.com/content/wp-content/uploads/2013/10/unavailable-capacity-count.jpg

Source: Manage Server OS machine server load
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7/cds-manage-wrapper-rho/cds-manage-delivery-groups-wrapper/cds-hosted-shared-desktop-load-mgt-concepts.html

3.04

Task Description: Monitor system performance using XenCenter

Source: Citrix XenServer 6.2.0 Administrator's Guide, Ch. 9.3
http://docs.vmd.citrix.com/XenServer/6.2.0/1.0/en_gb/reference.html

Source: Citrix XenServer 6.2.0 Administrator's Guide, Ch. 9.1.3
http://docs.vmd.citrix.com/XenServer/6.2.0/1.0/en_gb/reference.html

Source: Citrix XenServer 6.2.0 Administrator's Guide, Ch. 9.2
http://docs.vmd.citrix.com/XenServer/6.2.0/1.0/en_gb/reference.html

3.05

Task Description: Provisioning Services Monitoring

Source: How to Enable Continuous CDF Tracing in Provisioning Services 7.x
http://support.citrix.com/article/CTX138698

Source: Displays, messages, and troubleshooting
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/cds-pvd-intro/cds-pvd-troubleshoot.html

Source: Support for Replicated vDisk Storage
http://docs.citrix.com/en-us/provisioning/7-1/pvs-vdisks-lifecycle-wrapper/pvs-vdisks-replication.html

Source: PVS 7 vDisk replication
http://discussions.citrix.com/topic/343632-pvs-7-vdisk-replication

3.06

Task Description: Monitoring NetScaler

Source: How to Configure a NetScaler Monitor to Authenticate with a User Name and Password
http://support.citrix.com/article/CTX117142

Source: Monitoring Citrix StoreFront Stores
http://docs.citrix.com/en-us/netscaler/10-1/ns-tmg-wrapper-10-con/ns-lb-wrapper-con-10/ns-lb-monitors-builtin-con/ns-lb-monitors-builtin-ctx-storefront-stores-tsk.html

Source: Troubleshooting Access Gateway Enterprise Edition/NetScaler License Issues
http://support.citrix.com/article/CTX116444

3.07

Task Description: Monitoring Delivery Controller

Source: Monitoring the XenDesktop Delivery Controller Services
http://citrixxperience.com/monitoring-the-xendesktop-delivery-controller-services

Source: Delivery Controller environment
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-controller-intro.html

Source: Citrix Director 7.6 Deep Dive Part 1: License Monitoring
http://blogs.citrix.com/2014/10/10/citrix-director-7-6-deep-dive-part-1-license-monitoring

3.08

Task Description: Monitor configuration logging

Source: XenDesktop 7 Database Sizing
http://support.citrix.com/article/CTX139508

Source: Manage Configuration Logging
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-1/cds-manage-wrapper-rho/cds-configlog-wrapper/cds-configlog-manage-environ.html

Source: Export-LogReportCsv
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-5/cds-sdk-wrapper-rho/cds-sdk-cmdlet-help/citrix-configurationlogging-admin-v1-wrapper-xd75/export-logreportcsv-xd75.html

Source: Export-LogReportHtml
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-5/cds-sdk-wrapper-rho/cds-sdk-cmdlet-help/citrix-configurationlogging-admin-v1-wrapper-xd75/export-logreporthtml-xd75.html

Section 4: Troubleshooting Citrix XenDesktop 7.6 Solutions

4.01

Task Description: Troubleshoot Delivery Controller

Source: Troubleshooting Virtual Desktop Agent Registration with Controllers in XenDesktop
http://support.citrix.com/article/CTX126992

Source: Cannot Join a New Delivery Controller Server to an Existing Farm
http://support.citrix.com/article/CTX200077

4.02

Task Description: Troubleshoot Virtual Delivery Agent

Source: How to Enable the Logging Process in XenDesktop
http://support.citrix.com/article/CTX117452

Source: Virtual Delivery Agent Registration Troubleshooting
http://support.citrix.com/article/CTX136668

Source: Concepts and components
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-architecture-article/xad-core-concepts.html

4.03

Task Description: Troubleshoot licensing issues

Source: How to reset the password on the License Administration Console
http://support.citrix.com/article/CTX200163

Source: FAQ: XenApp and XenDesktop 7.x Licensing
http://support.citrix.com/article/CTX128013

4.04

Task Description: Troubleshoot common printing issues

Source: Known issues in XenApp 7.6 and XenDesktop 7.6
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-whats-new/xad-xaxd76-knownissues.html

Source: Mac Client Printer Mapping Fix for Windows 8/8.1 and Windows Server 2012/2012R2
http://support.citrix.com/article/CTX139020

Source: Printers Enter Offline State while Using Citrix Universal Print Server 1.1
http://support.citrix.com/article/CTX138855

4.05

Task Description: Troubleshoot user connectivity issues related to Application and Desktop launch

Source: How to Enable Remote Assistance for Citrix Director
http://support.citrix.com/article/CTX127388

Source: Error: "Cannot complete your request" in StoreFront
http://support.citrix.com/article/CTX133904

Source: Black or Blue Screen When Connecting to Published Desktop
http://support.citrix.com/article/CTX135782

4.06

Task Description: Troubleshoot Citrix policies

Source: Citrix Policy Reporter - RSOP CtxCseUtil Tool
http://support.citrix.com/article/CTX138533

Source: Compare, prioritize, model, and troubleshoot policies
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-policies-article/xad-policies-prioritize-model.html

Source: Image
https://citrixxperience.com/content/wp-content/uploads/2013/11/assign-to-all-objects-in-site.jpg

4.07

Task Description: Troubleshoot issues with application performance

Source: Slow or Timeout of Published or Streamed Application Launch Process
http://support.citrix.com/article/CTX126673

Source: Resolve application failure
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7/cds-monitor-wrapper/cds-monitor-director-wrapper/cds-help-desk-wrapper/cds-help-app-failure.html

4.08

Task Description: Troubleshoot XenServer issues

Source: Connections and resources
http://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6/xad-connections.html

Source: Citrix XenServer 6.0 Administrator's Guide, Ch. 7.4.10
http://docs.vmd.citrix.com/XenServer/6.0.0/1.0/en_gb/

4.09

Task Description: Troubleshoot Provisioning Services related issues

Source: Provisioning Server Properties
http://docs.citrix.com/en-us/provisioning/7-6/pvs-server-wrapper/pvs-server-properties.html

Source: PVS Console Crashes while using XenDesktop Setup Wizard
http://support.citrix.com/article/CTX200253

Source: PVS Secrets (Part 3) – Ports & Threads
http://blogs.citrix.com/2011/07/11/pvs-secrets-part-3-ports-threads

4.10

Task Description: Troubleshoot Personal vDisk failures

Source: How to Change Personal vDisk Drive Letters in XenDesktop
http://support.citrix.com/article/CTX131432

Source: FAQ: Personal vDisk in XenDesktop
http://support.citrix.com/article/CTX131553

Source: How to Collect Personal vDisk (PvD) Logs
http://support.citrix.com/article/CTX139288

Source: Citrix Scout
http://support.citrix.com/article/CTX130147

4.11

Task Description: Troubleshoot Machine Creation Services

Source: about_AcctADIdentityServiceSnapin
http://support.citrix.com/static/kc/CTX127254/help/about_AcctADIdentityServiceSnapin.html

Source: Fixing Tainted AD Accounts in XenDesktop 5
http://blogs.citrix.com/2012/01/16/fixing-tainted-ad-accounts-in-xendesktop-5

Source: XenDesktop MCS vs View Composer
http://blogs.citrix.com/2014/03/10/xendesktop-mcs-vs-view-composer/

Source: Citrix Discussions > Support Forums > Products > XenDesktop > XenDesktop 7.x > Linked clone MCS VM snapshot sizing?
http://discussions.citrix.com/topic/350635-linked-clone-mcs-vm-snapshot-sizing/

4.12

Task Description: Troubleshoot StoreFront issues

Source: Application Launch Fails with “Cannot Start App” or “An Error Occurred While Making the Requested Connection”
http://support.citrix.com/article/CTX139238

Source: Create and configure the authentication service
http://docs.citrix.com/en-us/storefront/2-6/dws-manage/dws-configure-auth-service.html

4.13

Task Description: Troubleshoot Receiver issues

Source: How to Redirect USB Devices in XenDesktop
http://support.citrix.com/article/CTX129558

Source: Error: Cannot Process Provisioning File
http://support.citrix.com/article/CTX132169

4.14

Task Description: Troubleshoot user profile issues

Source: How to Troubleshoot Slow Logons on XenApp
http://support.citrix.com/article/CTX101705

Source: Troubleshooting Common Issues
http://docs.citrix.com/en-us/profile-management/5/upm-troubleshoot-wrapper-den/upm-troubleshoot-specifics.html

4.15

Task Description: Troubleshoot issues related to NetScaler Gateway

Source: Error: "Cannot complete your request" in StoreFront
http://support.citrix.com/article/CTX133904

Source: Secure Ticket Authority (STA) Status is Marked as DOWN for NetScaler Gateway Virtual Server
http://support.citrix.com/article/CTX132334