

Citrix Virtual Apps and Desktops 7 Architect Design Solutions («CWS415»)

Grâce à cette formation avancée maîtrisez la création d'une solution de virtualisation Citrix Virtual Apps and Desktops, les configurations avancées pour des solutions multi-locations et la récupération après sinistre et préparez la certification CCE-V.

Durée: 5 jours

Prix : 4'500.– excl. 8.1% TVA

Documents : Support de cours électronique Citrix (eCourseware)

Contenu

1. Methodology & Assessment Module 3: Access Layer

- The Citrix Consulting Methodology
- Citrix Consulting Methodology Use
- Business Drivers
- Prioritize Business Drivers
- User Segmentation
- User Segmentation Process
- App Assessment Introduction
- App Assessment Analysis
- Why Perform a Capabilities Assessment?
- Common Capabilities Assessment Risks

2. User Layer

- Endpoint Considerations
- Peripherals Considerations
- Citrix Workspace App Version Considerations
- Citrix Workspace App Multiple Version Considerations
- Network Connectivity and the User Experience
- Bandwidth and Latency Considerations
- Graphics Mode Design Considerations
- HDX Transport Protocols Considerations
- Media Content Redirection Considerations
- Session Interruption Management Session Reliability Feature Considerations
- Session Interruption Management AutoClient Reconnect Feature Considerations
- Session Interruption Management ICA Keep-Alive Feature Considerations

3. Access Layer

- Access Matrix
- Access Layer
- Access Layer Communications
- Double-Hop Access Layer Considerations
- Citrix Cloud Access Layer Considerations
- Use Cases for Multiple Stores
- Define Access Paths per User Group
- Define Number of URLs
- Configuration and Prerequisites for
- Access Paths
- Citrix Gateway Scalability
- Citrix Gateway High Availability
- StoreFront Server Scalability
- StoreFront Server High Availability

4. Resource Layer - Images

- Flexcast Models
- VDA Machine Scalability
- VDA Machine Sizing with NUMA
- VDA Machine Sizing
- VDA Machine Scalability Cloud Considerations
- Scalability Testing and Monitoring
- Secure VDA Machines Network Traffic
- Secure VDA Machines Prevent Breakouts
- Secure VDA Machines Implement Hardening
- Secure VDA Machines Anti-Virus
- Review of Image Methods
- Citrix Provisioning Overall Benefits and Considerations
- Citrix Provisioning Target Device Boot Methods
- Citrix Provisioning Read Cache and Sizing
- Citrix Provisioning Write Cache Type
- Citrix Provisioning vDisk Store Location
- Citrix Provisioning Network Design
- Citrix Provisioning Scalability Considerations
- Citrix Machine Creation Services Overall Benefits and Considerations
- Citrix Machine Creation Services Cloning Types
- Citrix Machine Creation Services Storage Locations & Sizing
- Citrix Machine Services Read and Write Cache
- App Layering Considerations
- Image Management Methods

5. Resource Layer – Applications and

- Personalization
- Application Delivery Options
- Determine the Optimal Deployment Method for an App
- General Application Concerns
- Profile Strategy Profile Types Review
- Citrix Profile Management Design Considerations
- Citrix Profile Management Scaling
- Citrix Profile Management Permissions
- Policies Review
- Optimize Logon Performance with Policies
- Printing Considerations

6. Control Layer

- Pod Architecture Introduction
- Pod Architecture Considerations
- Citrix Virtual Apps and Desktops Service Design Considerations
- Implement User Acceptance Testing
- Load Balancing the Machine Running the VDA
- Citrix Director Design Considerations
- Management Console Considerations
- Change Control
- Delivery Controller Scalability and High Availability
- Control Layer Security
- Configuration Logging Considerations
- Session Recording

7. Hardware/Compute Layer

- Hypervisor Host Hardware Considerations
- Separating Workloads Considerations
- Workload Considerations
- VMs Per Host and Hosts Per Pool
- Citrix Hypervisor Scalability
- VM Considerations in Azure and Amazon Web Services

- Storage Tier Considerations
- Storage I/O Considerations
- Storage Architecture
- Storage RAID & Disk Type
- Storage Sizing LUNs
- Storage Bandwidth
- Storage in Public Cloud
- Datacenter Networking Considerations
- Securing Hypervisor Administrative Access
- Secure the Physical Datacenter
- Secure the Virtual Datacenter

8. High Availability and Multiple

- Location Environments
- Redundancy vs. Fault Tolerance vs. High Availability
- Multi-Location Architecture Considerations
- Multi-Site Architecture Considerations
- Global Server Load Balancing
- Optimal Gateway Routing
- Zone Preference and Failover
- StoreFront Resource Aggregation
- StoreFront Subscription Sync
- Hybrid Environment Options
- Citrix Provisioning Across Sites
- Site Database Scalability and High Availability
- Citrix Provisioning Across Sites Considerations
- Citrix Machine Creation Across Sites
- App Layering Across Sites
- Managing Roaming Profiles and Citrix Workspace App Configurations Across Devices
- Profile Management Multi-Site Replication Considerations
- Folder Redirections and Other User Data in a Multi-Location Environment
- Application Data Considerations
- Cloud-Based Storage Replication Options
- Multi-Location Printing Considerations
- Zone Considerations
- Active Directory Considerations

9. Disaster Recovery

- Tiers of Disaster Recovery
- Disaster Recovery Considerations
- Business Continuity Planning and Testing
- Citrix Standard of Business Continuity

Objectifs

- Identification des risques et du potentiel d'améliorations dans un environnement Citrix Virtual Apps and Desktops en évaluant une implémentation existante
- Définition des éléments importants de design de Citrix Virtual Apps and Desktop en prenant en compte les impératifs business pour mettre en place une solution réaliste
- Planifier un Disaster Recovery Plan de Citrix Virtual Apps and Desktop et comprendre les différentes implications d'une reprise après sinistre

Public cible

Conçu pour des professionnels IT expérimentés avec Citrix Virtual Apps and Desktops 7 et responsables du design et de la bonne tenue d'une infrastructure informatique.

Ce cours requiert une expérience avec Citrix Virtual Apps and Desktops 7 et Citrix Gateway ainsi que des connaissances dans le support d'infrastructure informatique.

Nous conseillons de suivre les deux cours suivants au préalable ou de vous assurer de posséder des connaissances équivalentes :

- [CWS215 Citrix Virtual Apps and Desktops 7 Administration On-Premises and in Citrix Cloud](#)
- [CWS322 Citrix Virtual Apps and Desktops 7 Advanced](#)
- [Citrix Virtual Apps and Desktops 7 Administration On-Premises and in Citrix Cloud \(«CWS215»\)](#)
- [Citrix Virtual Apps and Desktops 7 Advanced Configuration and WEM Administration \(«CWS322»\)](#)
- [Citrix Virtual Apps and Desktops 7 Advanced Deployment, Troubleshooting, Security and Administration](#)

Certification

Cette formation permet de se préparer à l'examen 1Y0-403 « [Citrix Virtual Apps and Desktops 7 Assessment, Design, and Advanced Configurations](#) » de la certification « Citrix Certified Expert - Virtualization » (CCE-V).

L'examen n'est pas compris dans la formation, vous devrez vous y inscrire séparément sur le site de [Pearson VUE](#).

Format de l'examen :

- Langue : anglais
- Questions : 61 questions
- Durée : 120 minutes (+30 minutes sur demande pour les personnes dont l'anglais n'est pas la langue maternelle)
- Sans aide
- Seuil de réussite : 51%

Vous trouverez sur [ce lien](#) plus d'information concernant l'examen de certification.

Informations complémentaires

Pour ce cours vous recevrez un support de cours électronique qui sera envoyé directement à l'adresse mail utilisée pour l'inscription. Pensez à prendre votre ordinateur portable ou tablette pour pouvoir accéder aux documents électroniques parallèlement au cours (ou sauvegardez vos documents dans un endroit accessible).

Avez-vous une question ou souhaitez-vous organiser un cours en entreprise ?

Nous vous conseillons volontiers au +41 22 738 80 80 ou romandie@digicomp.ch. Retrouvez toutes les informations détaillées concernant les dates sur www.digicomp.ch/formations-it-providers/citrix/cours-citrix-virtual-apps-and-desktops-7-architect-design-solutions