Cognixia
A Collabera LEARNING SOLUTIONS COMPANY

Windows 7, Enterprise Desktop Administrator (686)

In association with : Silver Microsoft Partner

Planning and managing a client life cycle strategy

Plan and manage client licensing and activation

- Applications and operating systems; activation method; KMS vs. MAK; prerequisites; choosing a SKU; licensing infrastructure; licensing compliance audits; inventory audits; virtualization licensing considerations; making recommendations for licensing strategy and compliance

Plan and manage software updates

- Application updates and operating system updates; evaluating and approving software updates; enterprise applications; designing an update strategy; choosing an update tool; planning and deploying a service pack; schedule considerations; network considerations; test updates; auditing for security compliance

Plan and manage a physical hardware and virtualization strategy

- Analyzing existing hardware environment; determining which systems meet minimum requirements; tradeoffs of physical vs. VDI environment; network load considerations; disk space; direct connection vs. brokered connection; determining a VHD strategy; choosing 32 bit vs. 64 bit

Designing a standard image

Design an image creation strategy

- Identifying operating system and enterprise applications that will be included with the standard image; thick, thin, or hybrid; role-based or geographic-based images vs. single core image; image localization

Design a custom image

- Identifying applications to be installed; identifying features and components to be enabled or disabled; testing the customized image

Define an image update strategy

- Performance optimization; security considerations; efficiency; offline servicing vs. online or post-image updates; re-creating; recapturing

Designing client configurations

Design standard system settings

- Choosing methods, including logon scripts, startup scripts, and Group Policy; designing profiles; designing error reporting; designing audit policy

Define client security standards

- Application control policies; encryption; stopping unnecessary services; designing firewall rules; defining anti-malware settings; changes to Kerberos and NTLM; configuring user rights; defining UAC policy; designing a security template for system lockdown; defining account policies; designing security standards for removable storage

Define Windows Internet Explorer settings

- Defining security zones; cache location; branding; in-private mode; restricting or allowing plug-ins; add-ons; privacy policy; browser protected mode

Designing a Windows 7 client deployment

Analyze the environment and choose appropriate deployment methods

- Building the infrastructure; advantages of lite-touch vs. zero-touch vs. local install; capacity and scale considerations; determining required changes to the infrastructure

Design a lite-touch deployment strategy

- Unicast vs. multicast; auto-cast vs. scheduled-cast; staggered deployment; scheduling considerations; network load considerations; choosing a client boot method for deployment; unattended answer files; restricting who can receive images; choosing a delivery mechanism

Design a zero-touch deployment strategy

- Designing and configuring task sequencing; unattended answer files; scheduling considerations; staggered deployment; network load considerations; restricting who can receive images

Design a user state migration strategy

- Determining which user data and settings to preserve; local vs. remote storage considerations; determining mitigation plan for non-migrated applications; securing migrated data; testing designed strategy; wipe-and-load migration vs. side-by-side migration

Designing application packages for deployment

Design a delivery or deployment strategy

- Auditing for prerequisites and minimum requirements; choosing a deployment method such as virtualized, Remote Desktop Services, Group Policy, or software distribution; server-based or client-based install; scheduling considerations; staggered deployment; network considerations; package creation standards

Manage application compatibility

- Testing incompatibility; choosing a method for resolving incompatibility, such as upgrading, Remote Desktop Services, shim, or VDI; auditing incompatible software

Identifying and resolving deployment and client configuration issues

Identify and resolve Internet Explorer issues

- Security zones; Web applications; advanced settings; Group Policy restrictions; certificates

Identify and resolve Group Policy issues

- Delegation; inheritance; policies are not effective; blocking; permissions; loopback processing; user vs. computer settings; filtering; performance

Identify and resolve networking issues

- Wireless; remote access; VPN; certificates; performance; IP communication; Windows Firewall

Identify and resolve authentication and authorization issues

- User rights; distinguishing between client-based and server-based issues; time synchronization (Kerberos)

Thank You

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