

VMware Horizon View v7.2

Install, Configure, Manage

اعتبار دهنده: VMware

پیش نیاز: VCP

مدت (ساعت): ۴۰

امتیازات دوره :

- اعطای مدرک فارسی و انگلیسی با مجوز رسمی از :
- سازمان مدیریت و برنامه ریزی کشور (معاونت توسعه مدیریت و سرمایه انسانی رئیس جمهوری سابق)
- مجوز از اداره کل نظام مدیریت امنیت اطلاعات (نما)
- شورای عالی انفورماتیک
- قابلیت ترجمه و تایید قوه قضاییه و امور خارجه
- بهره گیری از لابراتوار سخت افزاری و نرم افزاری مجهز
- بهره گیری از اساتید مجرب و تأیید شده با سابقه حضور در پروژه های ملی

اهداف دوره :

- مهاجرت و راه اندازی زیرساخت مجازی برای کاربران سازمان ها
- تسلط کامل بر نصب و راه اندازی VDI
- آشنایی با رفع مشکلات بوجود آمده در VDI
- تحلیل زیر ساخت فیزیکی و مجازی برای کاربران سازمان ها

معرفی دوره :

دوره VMware Horizon (with View) یکی از دو دوره ای می باشد که منجر به دریافت مدرک VMware Certified Professional - Desktop & Mobility- VCP-DTM می شود. این دوره برای افرادی طراحی شده است که می خواهند خود را برای امتحان VCP که سطح حرفه ایی در زمینه Desktop Virtualization می باشد آماده کنند. این دوره برای مدیران و کارشناسان مربوط به IT شرکت ها و سازمان ها و بانک ها و ... طراحی شده است. مدت زمان دوره و سیلابس دوره به صورت بین المللی و منطبق بر شرکت VMware طراحی شده است.

مخاطبان دوره :

- مدیران، کارشناسان، دانشجویان فعال در حوزه فناوری اطلاعات

Course Outline :

1. Course Introduction

- Course goals, objectives, and outline
- Additional resources upon completing this course

2. Introduction to VMware Horizon

- Features and benefits of VMware Horizon
- Major function of each VMware Horizon component
- Use case for your virtual desktop and application infrastructure

3. View Connection Server

- VMware vSphere requirements for a connection server
- Network and firewall configurations for View Connection Server
- License VMware Horizon components
- Configure View Connection Server

4. VMware Horizon Pools and Desktops

- Process and choices in setting up VMware Horizon 7 virtual machines
- Remote display protocols that are available in VMware Horizon

محتوای دوره :

- Ports that must be opened in the machine's firewall for VMware Horizon operations
- Configuration choices when installing Horizon Agent
- Steps to set up a template for desktop pool deployment
- How information on the Users and Groups page can be used to control and monitor View users
- Hierarchy of global policies, pool-level policies, and user-level policies
- View Group Policy administrative (ADM) template files
- Requirements for a Horizon Client installation
- USB redirection and options
- Power states for desktops
- Compare a thin client with a system running Horizon Client
- Benefits of Virtual Printing
- Virtual Printing architecture
- Configuration options for Virtual Printing
- Location-based printing feature

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Course Outline :	محتوای دوره :
<p>6. Creating Automated Pools of Full Virtual Machines</p> <ul style="list-style-type: none"> • How an automated pool operates • Compare dedicated-assignment and floating-assignment pools • Outline the steps to create an automated pool • Entitlement of desktops in automated pools <p>7. Creating and Managing Linked-Clone Desktops</p> <ul style="list-style-type: none"> • VMware linked-clone technology • Why both a parent virtual machine and a snapshot must be used to create linked clones • System requirements for View Composer • Relationship between a persistent disk and the system disk • Outline the steps necessary to set up an automated desktop pool that uses linked clones • Compare the purpose of the parent and the replica virtual machines • Compare the linked-clone management operations • Management operations for persistent disks <p>8. Creating and Managing Instant-Clone Pools</p> <ul style="list-style-type: none"> • Advantages of instant clones • Distinguish View Composer clones from instant clones • Requirements of instant clones • Types of instant-clone virtual machines • How folders are used to delegate pool administration • Outline the steps to set up an automated pool that uses instant clones • Instant-clone limitations in VMware Horizon 7 • Creation of instant clones • Set up an automated pool of instant clones <p>9. Creating RDS Desktop and Application Pools</p> <ul style="list-style-type: none"> • Difference between an RDS desktop pool and an automated pool • How a user can access a single application by using the RDS application pool • Relationship between an RDS host, a farm, and an application pool • Create an RDS desktop pool and an application pool • How the View Composer linked-clone technology can automate the build-out of RDS server farms • Load-balancing options for RDS hosts <p>10. VMware Horizon 7 Authentication</p> <ul style="list-style-type: none"> • Compare the authentication options that View Connection Server supports • purpose of TrueSSO single sign-on • TrueSSO single sign-on components 	<p>11. Managing VMware Horizon Security</p> <ul style="list-style-type: none"> • Compare tunnels and direct connections for client access to desktops • Benefits of using either VMware Horizon Security Server or Access Point in the DMZ • Identify where the tunnel endpoints are in a security server or an Access Point implementation • Identify the tunnel endpoints when the security gateway is not used • A direct connection • Advantages of direct connections <p>12. Profile Management Using User Environment Manager</p> <ul style="list-style-type: none"> • Use cases and benefits of using User Environment Manager • User Environment Manager and its architecture • User Environment Manager functional areas and their benefits • User Environment Manager profile management and its features • Use the User Environment Manager management console and application profiler to manage user personalization and application configurations <p>13. Using App Volumes to Provision and Manage Applications</p> <ul style="list-style-type: none"> • How App Volumes works • Features and benefits of App Volumes • Interface elements of App Volumes • Install and configure App Volumes <p>14. Command-Line Tools and Backup Options</p> <ul style="list-style-type: none"> • Key View Connection Server features that are available as command-line options with the vdmadmin command • Purpose of kiosk mode for client systems and how it is configured • Why you might want to limit the domains that View Connection Server makes available to end users • Log locations for each VMware Horizon component <p>15. VMware Horizon Performance and Scalability</p> <ul style="list-style-type: none"> • Purpose of a replica server • Compare a replica server to a standard connection server • How multiple VMware Horizon servers maintain synchronization • Best practices for multiserver deployment in a pod • How a load-balancing capability might improve VMware Horizon performance