

دوره آموزشی مجازی سازی

VMwar vSphere Optimize & Scale

علاقتمندان پس از گذارندن دوره ی **VMware vSphere** می توانند با ثبت نام در این دوره دانش و توانمندی های خود را در زمینه مجازی ارتقا بخشند. جهت کسب اطلاع از سایر دوره های آموزشی به سایت ما www.Pardisco.ir مراجعه نمایید.

عنوان دوره	مدت دوره	پیش نیاز
VMware vSphere Optimize & Scale	۴۰ ساعت	VMware vSphere

<p>VMware vSphere Optimize & Scale:</p> <p>1- vSphere Security</p> <ul style="list-style-type: none"> Describe the features and benefits of VMware Platform Services Controller™ Configure ESXi host access and authorization Secure ESXi, vCenter Server, and virtual machines Upgrade ESXi and vCenter Server instances <p>2- VMware Management Resources</p> <ul style="list-style-type: none"> Discuss options for running vSphere CLI commands Deploy and configure vSphere Management Assistant Use vmware-cmd for virtual machine operations <p>3- Performance in a Virtualized Environment</p> <ul style="list-style-type: none"> Review the vSphere performance troubleshooting methodology Use vSphere performance monitoring tools <p>4- Network Scalability</p> <ul style="list-style-type: none"> Configure and manage vSphere distributed switches Migrate virtual machines from standard switches to distributed switches Explain distributed switch features such as port mirroring, LACP, QoS tagging, and NetFlow <p>5- Network Optimization</p> <ul style="list-style-type: none"> Explain the performance features of network adapters Explain the performance features of vSphere networking Monitor key network performance metrics Use vSphere Management Assistant to manage virtual network configurations Troubleshoot common network performance problems 	<p>6- Storage Scalability</p> <ul style="list-style-type: none"> Explain vSphere storage APIs for array integration and storage awareness Configure and assign virtual machine storage policies Configure VMware vSphere® Storage DRS™ and VMware vSphere® Storage I/O Control Create and use virtual volumes in vSphere <p>7- Storage Optimization</p> <ul style="list-style-type: none"> Diagnose storage access problems Configure VMware vSphere® Flash Read Cache™ Monitor key storage performance metrics Troubleshoot common storage performance problems <p>8- CPU Optimization</p> <ul style="list-style-type: none"> Explain the CPU scheduler operation Monitor key CPU performance metrics Troubleshoot common CPU performance problems <p>9- Memory Optimization</p> <ul style="list-style-type: none"> Monitor key memory performance metrics Troubleshoot common memory performance problems <p>10- Virtual Machine and Cluster Optimization</p> <ul style="list-style-type: none"> Describe guidelines for optimizing virtual machine configuration Discuss guidelines for using resource allocation settings Discuss guidelines for using resource pools Discuss guidelines for using vSphere DRS clusters Troubleshoot common vSphere cluster problems <p>11- Host and Management Scalability</p> <ul style="list-style-type: none"> Describe and use host profiles Define and use content libraries Use VMware vSphere® PowerCLI™ Use Virtual Machine Converter
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