**Course Overview**

This course presents a methodology for designing a VMware® View™ solution for the VMware vSphere® infrastructure. The design methodology includes recommendations for the type of information and data that must be gathered and analyzed to make sound design decisions for client systems, desktop options, the vSphere infrastructure, and View components.

VMware best practices are presented during each phase of the design process. You will work with other participants to design a View solution for a real-world project.

**Course Objectives**

At the end of the course, you should understand the principles involved in designing a View solution and be able to do the following:

- Identify design goals, requirements, and constraints
- Identify information that is required for design decisions
- Recognize situations that benefit from best-practice recommendations
- Use the recommended design process
- Analyze design choices in the following areas:
  - View Manager infrastructure
  - View desktop options
  - vSphere infrastructure
  - Network infrastructure
  - Client-access devices
  - End-user management
- Construct a comprehensive View solution
# Course Modules

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  - Introductions and course logistics  
  - Course objectives |
| **2. Design Methodology** |  
  - General design process  
  - Elements of a successful View solution  
  - A design process for View solutions |
| **3. Use-Case Definition** |  
  - Identifying use cases and their characteristics  
  - Options for collecting performance data |
| **4. Pool and Desktop Design** |  
  - Mapping use cases to View pools  
  - Design decisions for pool configurations  
  - Configuring and optimizing virtual desktops |
| **5. View Pod and Block Design** |  
  - Designing the access infrastructure  
  - Design decisions for remote display protocols  
  - Designing a load-balancer solution  
  - Designing the View infrastructure |
| **6. VMware Infrastructure Design** |  
  - Mapping View infrastructure requirements to vSphere 5  
  - Sizing VMware vSphere ESXi™ hosts for CPU and memory  
  - Sizing VMware vCenter™ Server systems  
  - Sizing network capacity for PCoIP and RDP  
  - Optimizing PCoIP performance |
| **7. Storage Design** |  
  - Designing the storage solution  
  - Sizing datastores based on capacity and performance metrics  
  - Deploying tiered storage for View Composer linked clones |
| **8. End-User Session and Client-Device Design** |  
  - Managing end-user personas and sessions  
  - Best practices for using Active Directory in a View environment  
  - Managing user profiles with View Persona Management  
  - Selecting client devices |