

# OnDemand CA Capacity Management Capacity Manager r5.2: Foundations 200



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## PRODUCT RELEASE

CA Capacity Manager r5.2

## Course Overview

Business stakeholders demand application performance and IT executives need to deliver service while maintaining balance between performance, cost, and risk. CA Capacity Manager (CA Capacity Manager) enables organizations to guarantee service levels to the business and make the right IT investment decisions with confidence.

The modeling capabilities of CA Capacity Manager provide insight into the right mix of infrastructure and deliver the information through compelling, engaging executive dashboards. This insight enables organizations to make informed business decisions that will save time and money and reduce the potential of risk. They will know how applications will behave after the changes and how to plan and time their capital expenditure budgets to maintain service levels.

In this course, you will be taught how to correctly install and configure CA Capacity Manager to help ensure optimum product performance. You will also be shown how to forecast performance, set up an effective infrastructure, and create and run scenarios. You are provided with overviews, best practices, case studies, and hands-on labs.

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## COURSE TYPE, LENGTH & CODE

- Web-Based Training (WBT)
- Five (5) Hours
- Course Code: 13CCM20110

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## What You Will Learn

- Correctly install CA Capacity Manager to derive the capacity planning benefits for your organization.
- Configure servers, the network, and the workload to help you meet the performance goals for your critical production applications.
- Create a data center and set baselines to calculate the effects of workload changes over time and forecast your future growth.
- Run scenarios to explore why your system might not be able to meet your forecast goals and explore potential solutions when goals are not met.

**PREREQUISITES**

- CA Capacity Management r2.5: Overview  
Course Code: 13CCM20040  
One (1) Hour
- CA Capacity Management Capacity Command Center r2.6: Installation & Configuration 200  
Course Code: 13CCM20030  
Eight (8) Hours
- Basic Windows administration experience
- Networking and database experience
- Capacity planning concepts
- Workload forecasting
- Performance management software basics

**WHO SHOULD ATTEND**

- Business Analyst
- Performance Analyst
- Capacity Planner
- Capacity Manager
- System Administrator

**RECOMMENDED**

**NEXT COURSES**

- CA Capacity Management Virtual Placement Manager r2.6: Foundations 200  
Course Code: 13CCM20120  
Five (5) Hours

**For Managers**

Performance monitoring data provides value in that it notifies your organization that a problem is happening when it is happening. However, that data has longer-term value when used to model future performance. The value in using the data already collected is that your organization can quickly create an accurate simulation of its applications and infrastructure and make virtual changes to it, without risk to production systems.

Through hands-on exercises, students will be shown how to build scenarios to estimate future growth so that they can provide your organization with ongoing capacity planning for your production systems, predict end-to-end response times for applications, and identify resource capacity utilization issues. This will help you make more informed IT decisions, save you time and money, and reduce risk.

**Course Agenda**

<b>Module 1 – Describe CA Capacity Manager</b>	<b>Module 2 – Perform a CA Capacity Manager Installation</b>
<ul style="list-style-type: none"> <li>■ Identify Components of the CA Capacity Manager Architecture</li> <li>■ Describe the Capacity Planning Process</li> </ul>	<ul style="list-style-type: none"> <li>■ Identify CA Capacity Manager Installation Prerequisites</li> <li>■ Install CA Capacity Manager</li> </ul>
<b>Module 3 – Define the Infrastructure</b>	<b>Module 4 – Build the Data Center</b>
<ul style="list-style-type: none"> <li>■ Configure Servers</li> <li>■ Configure the Network</li> <li>■ Configure the Workload</li> </ul>	<ul style="list-style-type: none"> <li>■ Create the Data Center</li> <li>■ Set the Baseline Interval</li> <li>■ Add Workloads</li> </ul>
<b>Module 5 – Run Scenarios</b>	
<ul style="list-style-type: none"> <li>■ Run the Baseline Configuration Model</li> <li>■ Analyze the Results</li> <li>■ Create New Scenarios</li> </ul>	



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