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.

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.
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

Module 1 – Describe CA Capacity Manager
- Identify Components of the CA Capacity Manager Architecture
- Describe the Capacity Planning Process

Module 2 – Perform a CA Capacity Manager Installation
- Identify CA Capacity Manager Installation Prerequisites
- Install CA Capacity Manager

Module 3 – Define the Infrastructure
- Configure Servers
- Configure the Network
- Configure the Workload

Module 4 – Build the Data Center
- Create the Data Center
- Set the Baseline Interval
- Add Workloads

Module 5 – Run Scenarios
- Run the Baseline Configuration Model
- Analyze the Results
- Create New Scenarios

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