Certified Casper Administrator (CCA)

This advanced, four-day certification course offers Casper Suite administrators an expanded, workflow-based examination of the OS X and iOS platforms. The hands-on course consists of structured lessons and exploratory scenarios to increase your understanding and knowledge of Apple device management in the enterprise.

Topics in the Curriculum

Installing a JSS

Backing up, restoring and maintaining the JSS MySQL database

Advanced enrollment techniques for computers and mobile devices

Collecting additional inventory information (via Extension Attributes) and tracking licensed software

Advanced security management techniques for computers and mobile devices including Configuration Profiles, FileVault 2, and Restricted Software

Advanced packaging of applications, scripts, and settings

Deployment of Mac App Store Apps, eBooks, scripts, and Active Directory bindings

Initial setup and configuration of computers (with Casper Imaging) and mobile devices (with Configurator)

Automated re-assignment and re-imaging of computers and mobile devices

What's Included?

Four days (9 AM - 5 PM each day) of lab-style, hands-on interaction

Proctored certification exam during the afternoon of the fourth day

Lunch every day of the course

All hardware and software required for the course

Printed course materials

CCA certificate and shirt (mailed upon passing the exam)

CCA badge on your JAMF Nation profile (upon passing the exam)

Prerequisites

6+ Months experience as a Casper Suite Administrator and

CCT certification, or

CSE certification, or

Previous CCA certification

Additional Benefits

Meet and share your experiences with other Apple administrators

Explore best practices and advanced workflows for managing computers and mobile devices

Become a leader in Apple management in your organization

Distinguish yourself from others in the IT industry

Satisfy the prerequisite for the Certified Casper Expert (CCE) course

CCA COURSE SYLLABUS

JSS Infrastructure

JSS Installation

Restoring a Database Backup

Framework

Database Maintenance

Sites and JSS User Groups

JSS Users and LDAP Integration

JSS Users and LDAP Integration Cont'd

Upgrading the JSS

About Distribution Points

File Share Distribution Points and JAMF Distribution Server (JDS)

Volume Purchase Program (VPP) Managed Distribution Framework

Device Enrollment Program Framework

Enrollment

Enrollment Using Recon

Enrollment with Apple Configurator

User-Initiated Enrollment

User-Initiated Enrollment Cont'd

PreStage Enrollment and the Device Enrollment Program

Computer and Mobile Device Framework

Computer and Mobile Device Management

Inventory Infrastructure

Expanding Inventory Collection

Extension Attributes

Licensed Software

Package Management

Package Review

Building Advanced Packages

Package and Script Management

Content Distribution

Reviewing Apple IDs

Installing and Uninstalling Packages

Running Scripts

Self Service

Making App Store Apps and eBooks Available in Self Service

Managing Users

VPP Invitations

VPP Assignments

VPP Content Distribution

Security Management

Configuration Profiles

Restricted Software

FileVault 2 Disk Encryption Configurations

Deployment of FileVault 2

Imaging and Setting Up New Computers and Mobile Devices in the JSS

Imaging Overview

Building an OS X Package

Imaging Configurations

Imaging Computers

PreStage Imaging

Building an iOS Backup

Restoring Mobile Device Backups

Refreshing and Reassigning Devices

Device Reassignment Recommendations

AutoRun Data

Reset and Restore Mobile Devices

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