OnApp Certified Administrator training

Become an OnApp Certified Administrator (OCA) with three days of intensive, hands-on training with our technicians. Certification helps you get the most from your OnApp platform by training your technical staff on best practices in setting up, configuring and running OnApp clouds.

Who it's for

The OnApp Certificate Administration (OCA) course is designed for OnApp service providers, resellers and partners.

- It's aimed at system administrators who already have a solid understanding of networking, datacenter operations, server and storage technologies, and Linux.
- Generally we recommend that participants have no fewer than 3 years of hands-on sysadmin experience.

Course topics: day one

- OnApp Cloud Architecture
- Control Panel installation, activation and testing
- Compute resources - installation and configuration
- Storage creation and configuration

The first day of the OCA course gives a solid grounding in OnApp system architecture, and how correct system design creates optimal performance, security and reliability for your cloud.

It explains the purpose of the main hardware elements of an OnApp cloud: the Control Panel server; Compute Resources (for virtual servers, smart servers); and storage, with a particular focus on OnApp's integrated storage system. It also details how to configure and deploy each of them, including the fundamental concept of zones in OnApp, and how to use them to your best advantage.

At the end of day one, you'll be able to design a basic cloud infrastructure based on OnApp integrated storage, and understand how to plan for physical hardware required before deploying your own cloud.

How it works

The OCA training course is classroom-based and combines lectures and lab work. The course takes place over three days, followed by a half-day exam on day four.

We run public OCA courses around the world according to local demand. We can also train your team at your premises.

You'll find the latest course venues and dates at https://onapp.com/oca/

Course topics: day two

- VM network configuration
- Backup servers
- Users, groups and billing plans
- Deploying Virtual Servers
- Managing Virtual Server backups and templates

Day two focuses on a range of critical OnApp functions, including physical and virtual networking, and the importance of correct network design for security and failover. It covers the multiple backup schema available in OnApp, including incremental backups; how OnApp's granular users, groups and billing plan functions work and interact; and the core provisioning and management functions of virtual serves in OnApp, including OnApp's template system and template store.

At the end of day two, you'll understand how to configure VM networking; choose and configure the correct backup scheme for different client workloads; combine user roles, groups and billing plans to deploy cloud services that suit your business model and the needs of your clients; and manage templates, provisioning and management functions for your client's virtual servers.

Course topics: day three

- VM failover and migration
- Securing your OnApp Platform
- Advanced OnApp topics

Day three deals with the critical failover function for virtual servers, and the various types of automatic virtual server migration available in OnApp if the system detects with part of your cloud.

It also devotes a great deal of time to the critical topic of security, including firewall options, OnApp's built-in firewall, whitelisting, port blocking, authentication, best practice for users and more. The course concludes with 'advanced topics' which include configuring OnApp for maximum High Availability, and backup and restore for the OnApp Control Panel.

At the end of the final day, you'll understand hot, cold and manual migration, and how to configure, test and manage virtual server migration. You'll be able to secure your OnApp cloud, understand the pros and cons of different firewall approaches, and understand how your security should function under your OnApp support agreement. Finally, you'll learn about the advantages of High Availability using multiple OnApp Control Panels, how to backup and restore safely and successfully, and how to spec your HA cloud.

The exam: day four

Day four is the exam: a half-day practical assessment of every topic covered in the three days of training. On successful completion, each participant is awarded the OCA certificate.

Book your OCA training at https://onapp.com/oca/

More information:

✉ start@onapp.com

🌐 onapp.com

🐦 @onapp

(UK) 0800 158 8600
(US) 866 234 3240

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