

NetApp University

NetApp Certified Storage Associate

Employers are increasingly looking beyond an academic degree for credentials that validate a candidates' expertise. For college and university students, NetApp® certification provides industry-recognized validation of their skills and knowledge, and can help to differentiate them in a job search.

The NetApp Certified Storage Associate (NCSA) certification provides college students, who often have limited experience in storage and data management, with a rigorous but accessible first step in learning about storage solutions. The NCSA certification provides a foundational set of courses on storage-related technologies such as virtualization, flash, cloud services and data networks, and then provides a deep-dive about NetApp storage systems, and Data ONTAP® administration and management solutions. This program prepares NetApp Certified Storage Associates to understand storage's role in today's IT infrastructures, and perform basic support and administrative functions.

NCSA Program

The NCSA program is comprised of nine web-based courses that deliver approximately twenty hours of training on NetApp systems and storage solutions, with an additional 6-7 hours of hands-on, lab-based, experiential learning. All of the course and lab work is delivered virtually, and can be completed on-line with an Internet connection and web-browser, making it easily accessible to a global audience. The NCSA curriculum also includes a Student Exam Study Guide and practice exam to facilitate preparing for the exam. An Instructors Guide, with all of the courses' source files is available to enable faculty to easily integrate and review the NCSA content in their courses. Certification testing is delivered in a secure, proctored environment by **Pearson VUE**, a third-party testing organization that has testing centers and capabilities world-wide.

NetApp University certifications are valid for two years from the date of your exam. The NCSA can be offered by a college or university as a supplement to a degree program. It can be incorporated as part of a credit or non-credit continuing education course, or it can be delivered as a stand-alone storage workshop.

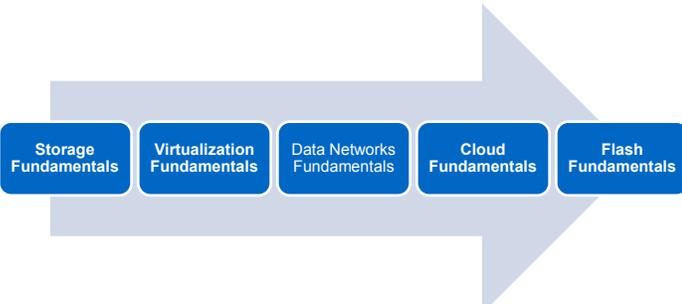
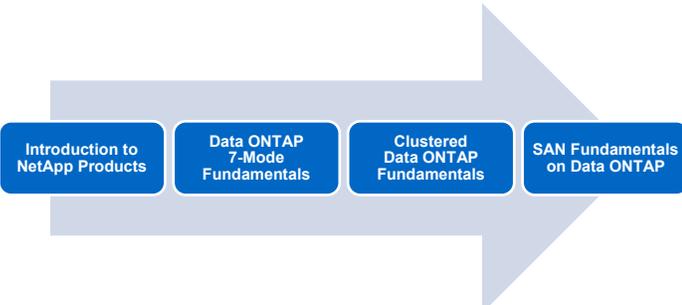
Program Benefits

NCSA is an accelerated certification program that delivers the following benefits:

- Prepares the learner to make informed decisions about storing, managing, and protecting data.
- Introduces learners to the foundational technologies for storage and data management.
- Accelerated program that can be completed in less than 30 hours, with all courses and lab work available on-line.
- Industry-recognized NetApp certification credential upon completion.
- Flexible design and implementation options for faculty and academic institutions.
- Free of charge to qualified academic institutions & applicants.

NCSA Curriculum

The NCSA is an accelerated certification program is comprised of Web-based training (WBT), virtual lab activities, and exam prep materials; it can be completed in approximately thirty hours. Certification requires the successful completion of the NCSA NSO-145 certification exam, available through [Pearson VUE](#).

Training Component	Topics Covered
<p>Technology Foundation (web-based training)</p> 	<ul style="list-style-type: none"> • Overview of the storage industry and different storage architectures. • Trends in storage technology and how storage needs in an organization grow and evolve. • SAN and NAS systems and data network concepts. • Flash-accelerated storage solution basics. • Characteristics of cloud computing. • Virtual activity to provide simulated practice in NetApp configuration and administration.
<p>Product Foundation (web-based training)</p> 	<ul style="list-style-type: none"> • NetApp product overview, including the NetApp hardware platforms, the Data ONTAP operating systems, data protection and retention software, manageability software, and services. • Features and functions of Data ONTAP 7-Mode and clustered Data ONTAP. Basic system administration tasks to manage and protect data on a NetApp storage system. • SAN concepts, terminology, and operations for Data ONTAP and clustered Data ONTAP implementations.
<p>Applied Learning (Virtual Self-Paced Labs)</p> <ul style="list-style-type: none"> • Basic NetApp Configuration and Administration Self-Paced Lab Part 1 • Basic NetApp Configuration and Administration Self-Paced Lab Part 2 	<ul style="list-style-type: none"> • Hands-on experience performing basic administration task such as creating aggregates, volumes, qtrees and managing NAS client access. • Opportunity to perform administration tasks such as managing SAN client access, volumes and snapshots.
<p>Review and Assessment</p> <ul style="list-style-type: none"> • NCSA Exam Study Guide • NCSA Practice Exam • NCSA FAQ 	<p><i>Recommended exam preparation, includes:</i></p> <ul style="list-style-type: none"> • Overview of the steps that you should take when preparing for the exam. • Tips on specific areas of focus within each of the nine major curriculum topic categories. • Practice text questions. • Answers to common questions about the NCSA.

More Information

For more information on NCSA or to register for the certification program, please visit the [NetApp University](#) certification website (www.netapp.com). For more information on NCSA or to register for the certification program, contact academic@netapp.com.