BROCADE

BROCADE CERTIFICATION PROGRAM OVERVIEW 2013

Why Get A Brocade Certification?

Customer Value
A Brocade Certification establishes an industry-wide recognition of your technical skills. Candidates will become a part of an elite group of highly sought after professionals. Confidence in your skills will grow by learning and validating relevant cutting edge content. You will be able to innovate, simplify your infrastructure, and design solutions that employ best practices, which can lead to a more prominent role within an organization. Your credibility is immediately established as you raise your personal bar. A certified candidate will have a reduced need for assistance or technical support.

Employer Value
Certification provides a direct return on your training investment because it validates the skill levels of employees. It also helps to define professional development areas and skill sets with the SAN and IP networking staff. Employers will be able to establish a skills matrix and build a roadmap for future training needs. Brocade Certification increases credibility for internal and external customers from managers and peers. Certified individuals will know how to get the most from Brocade products, and design innovative solutions.

BROCADE CERTIFICATION PROGRAM OVERVIEW 2013

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- Professional Data Center Track
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BROCADE CERTIFICATION PROGRAM MATRIX 2013

Brocade Distinguished Architect	Awarded after receiving three out of four Track-level BCP Credentials			
Tracks	FICON	Data Center	Internetworking	Converged
Advanced	Brocade Certified Architect for FICON AND Brocade Certified Fabric Professional OR One Elective	Brocade Certified Fabric Designer AND Two Electives	Brocade Certified Network Professional AND Brocade Certified Layer 4-7 Professional AND One Elective	Brocade Certified Ethernet Fabric Engineer AND Brocade Certified Ethernet Fabric Professional
Intermediate	Brocade Certified Fabric Administrator	Brocade Accredited Network Advisor Specialist AND Brocade Certified Fabric Professional AND Brocade Certified Fabric Administrator	Brocade Certified Network Engineer AND Brocade Certified Layer 4-7 Engineer	Brocade Certified Fabric Administrator OR Brocade Certified Fabric Professional AND Brocade Certified Network Engineer OR Brocade Certified Network Professional AND Brocade Accredited Network Advisor Specialist
Introductory	Brocade Accredited FICON Specialist AND Brocade Accredited Data Center Specialist	Brocade Accredited Data Center Specialist AND Brocade Accredited Server Connectivity Specialist	Brocade Accredited Internetworking Specialist	—— (Pick 4 out of 5) —— Brocade Accredited Internetworking Specialist ---------- Brocade Accredited Data Center Specialist ---------- Brocade Accredited FCoE Specialist Brocade Accredited Server Connectivity Specialist ---------- Brocade Accredited Ethernet Fabric Specialist

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BROCADE CERTIFIED PROFESSIONAL FICON TRACK

Requirements

Brocade Certified Architect for FICON
- CAF 200-WBT Brocade Certified Architect for FICON (BCAF) web-based training with simulated labs

Brocade Certified Fabric Administrator
- CFA 200 Brocade Certified Fabric Administrator (BCFA) 16 Gbps Training

Brocade Accredited Data Center Specialist
- FC 101 Introduction to Fibre Channel Concepts

Brocade Accredited FICON Specialist
- FICON 101 Introduction to Brocade FICON

Brocade Certified Fabric Professional (or one elective from the Electives list below)
- CFA 200 Brocade Certified Fabric Administrator (BCFA) 16 Gbps Training
- CFP 300 Brocade Certified Fabric Professional (BCFP) 16 Gbps Training

Electives *(Choose One)*

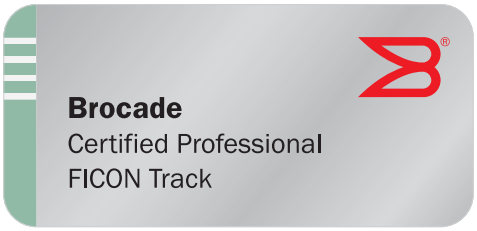
Brocade Accredited Network Advisor Specialist
- BNA 101 Introduction to Brocade Network Advisor
- BNA 200 Brocade Network Advisor Training

Brocade Certified Network Engineer
- CNE 200-BLS Brocade Certified Network Engineer Blended Learning Solution

Brocade Accredited Technical Support Specialist
- TS 300 Brocade SAN Troubleshooting

SNIA Certified Storage Architect

SNIA Certified Storage Networking Expert



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BROCADE CERTIFIED PROFESSIONAL DATA CENTER TRACK

Requirements

Brocade Certified Fabric Designer
- CFD 200 Brocade 16 Gbps Certified Fabric Designer

Brocade Accredited Network Advisor Specialist
- BNA 101 Introduction to Brocade Network Advisor
- BNA 200 Brocade Network Advisor

Brocade Certified Fabric Professional
- CFA 200 Brocade Certified Fabric Administrator (BCFA) 16 Gbps Training
- CFP 300 Brocade Certified Fabric Professional (BCFP) 16 Gbps Training

Brocade Certified Fabric Administrator
- CFA 200 Brocade Certified Fabric Administrator (BCFA) 16 Gbps Training

Brocade Accredited Data Center Specialist
- FC 101 Introduction to Fibre Channel Concepts

Brocade Accredited Server Connectivity Specialist
- HBA 100 Introduction to the Brocade Family of HBAs
- CNA 101 Introduction to Brocade CNAs

Electives (Choose Two)

Brocade Accredited Ethernet Fabric Specialist
- Ethernet Fabrics 101 - Essentials of Ethernet Fabrics

Brocade Certified Network Engineer
- CNE 200-BLS Brocade Certified Network Engineer Blended Learning Solution

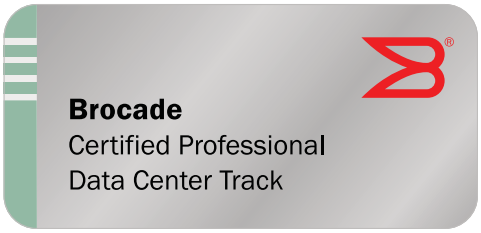
Brocade Accredited Technical Support Specialist
- TS 300 Brocade SAN Troubleshooting

SNIA Certified Storage Architect

SNIA Certified Storage Networking Expert

SNIA Qualified Storage Virtualization Associate

Brocade Accredited Internetworking Specialist
- ETH 101 Internetworking Fundamentals for Brocade Training



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BROCADE CERTIFIED PROFESSIONAL INTERNETWORKING TRACK

Requirements

Brocade Certified Network Engineer
- CNE 200-BLS Brocade Certified Network Engineer Blended Learning Solution

Brocade Certified Network Professional
- ETH 103 Basic Switch Router and Configuration Management
- CNP 300 Advanced Switching/ Routing Configuration and Management

Brocade Certified Layer 4-7 Engineer
- ETH 103 Basic Switch Router and Configuration Management
- CLE 202 Introduction to ServerIron ADX Web Switching and Load Balancing

Brocade Certified Layer 4-7 Professional
- CLP 240 ADC Techniques in Advanced Server Load Balancing
- CLE 202 Introduction to ServerIron ADX Web Switching and Load Balancing

Brocade Accredited Internetworking Specialist
- ETH 101 Internetworking Fundamentals for Brocade Training

Electives (Choose One)

Brocade Accredited Data Center Specialist
- FC 101 Introduction to Fibre Channel Concepts

Brocade Certified Service Provider Network Engineer

Brocade Accredited Ethernet Fabric Specialist
- Ethernet Fabrics 101 - Essentials of Ethernet Fabrics

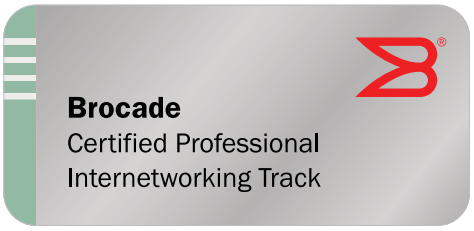
Brocade Accredited WLAN Specialist
- Study materials available: http://community.brocade.com/docs/DOC-2001

Brocade Accredited Campus Networking Specialist
- FI 110 FastIron Software Update Training
- ICX 101 Implementing Effortless Networks with the Brocade ICX Family

Brocade Accredited Physical Security Specialist
- PSS 130 Implementing Physical Security IP Networking Solutions

Brocade Accredited Network Advisor Specialist
- BNA 101 Introduction to Brocade Network Advisor
- BNA 200 Brocade Network Advisor
  CompTIA Network+ (2009 Edition)

CWTS® - Certified Wireless Technology Specialist
CWNA® - Certified Wireless Network Administrator
CWSP® - Certified Wireless Security Professional
CWAP® - Certified Wireless Analysis Professional
CWDP® - Certified Wireless Design Professional
CWNE® - Certified Wireless Network Expert



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BROCADE CERTIFIED PROFESSIONAL CONVERGED NETWORKING TRACK

Requirements

Brocade Accredited Internetworking Specialist
- ETH 101 Internetworking Fundamentals for Brocade Training

Brocade Accredited Data Center Specialist
- FC 101 Introduction to Fibre Channel Concepts

Brocade Accredited FCoE Specialist
- FCoE 101 Introduction to Fibre Channel over Ethernet
- FCoE 110 Introducation to Brocade FCoE Products

Brocade Accredited Server Connectivity Specialist 2012
- HBA 100 Introduction to the Brocade Family of HBAs
- CNA 101 Introduction to Brocade CNAs

Brocade Accredited Ethernet Fabric Specialist
- Ethernet Fabrics 101 - Essentials of Ethernet Fabrics

Brocade Accredited Physical Security Specialist
- PSS 130 Implementing Physical Security IP Networking Solutions

Brocade Certified Fabric Administrator
- CFA 200 Brocade Certified Fabric Administrator (BCFA) 16 Gbps Training

Brocade Certified Fabric Professional
- CFA 200 Brocade Certified Fabric Administrator (BCFA)16 Gbps Training
- CFP 300 Brocade Certified Fabric Professional (BCFP) 16 Gbps Training

Brocade Certified Network Engineer
- CNE 200-BLS Brocade Certified Network Engineer Blended Learning Solution

Brocade Certified Network Professional
- ETH 103 Basic Switch/Router and Configuration Management
- CNP 300 Advanced Switching/Routing Configuration Management

Brocade Certified Ethernet Fabric Engineer
- CEF 200 Brocade Certified Ethernet Fabric Engineer (BCEFE) Training

Brocade Certified Ethernet Fabric Professional
- Brocade Certified Ethernet Fabric Professional Training

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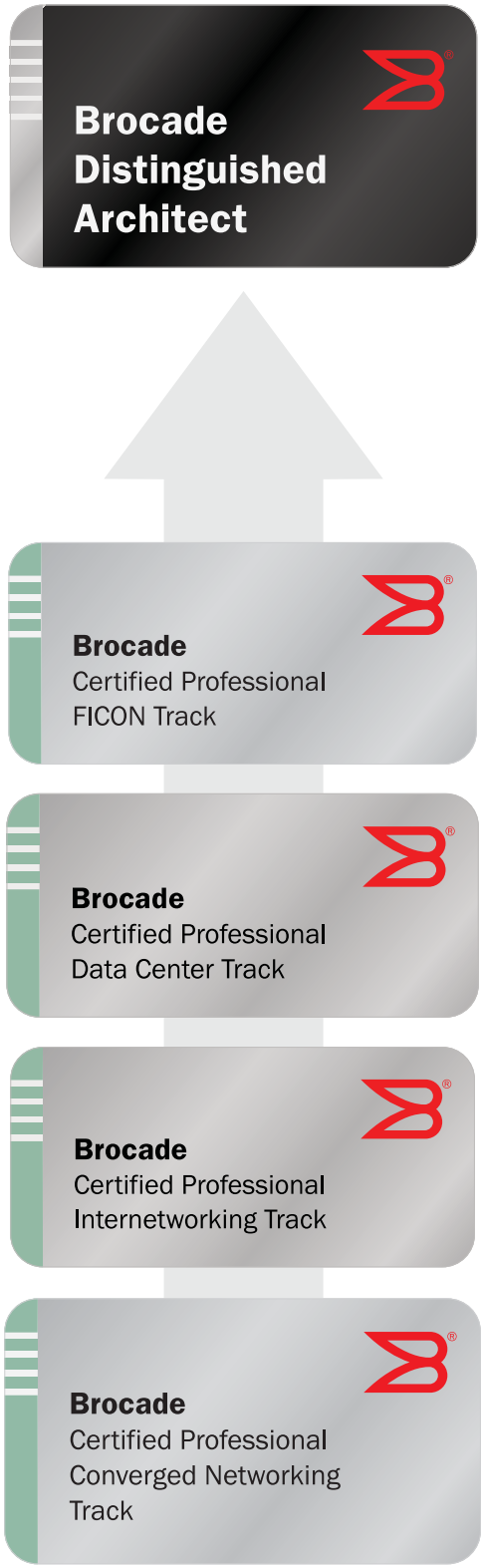
BROCADE DISTINGUISHED ARCHITECT



"Being a Brocade Distinguished Architect increases my relevancy in front of customers, brings confidence to my customers and myself, makes me a better Brocade SE, and enables my customers to make faster decisions." - Flemming Lund, Brocade Distinguished Architect, 2011.

"The tools given during the various courses have enabled me to educate others on the Brocade vision." - Jesse DeWath, Brocade Distinguished Architect, 2011.

Requirements

The Brocade Distinguished Architect is the highest level of Brocade Certification. In order to attain the Brocade Distinguished Architect credential, you must successfully complete at least **three** of these Brocade Certification Tracks:

- **Brocade Certified Professional FICON Track**
- **Brocade Certified Professional Data Center Track**
- **Brocade Certified Professional Internetworking Track**
- **Brocade Certified Professional Converged Networking Track**

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BROCADE PORTFOLIO OF IP CREDENTIALS

The following is a list of IP credentials which may be obtained from the Brocade Certification Portfolio.

Brocade Accredited Internetworking Specialist

- This accreditation validates introductory IP networking skills.

Brocade
Accredited Internetworking Specialist

Brocade Accredited Campus Networking Specialist
Brocade Accredited Physical Security Specialist

- These accreditations validate very specific IP networking skills.

Brocade
Accredited Campus Networking Specialist

Brocade
Accredited Physical Security Specialist

Brocade Certified Network Engineer
Brocade Certified Network Professional

- For those seeking certification in the Layer 2-3 space. The "Engineer" certification focuses on routing, ACLs, QoS, wireless and troubleshooting. The "Professional" certification focuses on QoS, OSPF, BGP, VLANs and IPv6.

Brocade
Certified Network Engineer

Brocade
Certified Network Professional

Brocade Certified Service Provider Network Engineer

- Focused on the Service Provider space, this certification validates the ability to install, configure, manage, and troubleshoot Ethernet switching and IP routing (Layer 2/3) for service provider networks based on Brocade products.

Brocade
Certified Service Provider Network Engineer

Brocade Certified Layer 4-7 Engineer
Brocade Certified Layer 4-7 Professional

- For those seeking certification in the Layer 4-7 space. The "Engineer" certification focuses on SLB, GSLB, Health Checks, optimization and troubleshooting. The "Professional" certification focuses on SLB, GSLB, CSW, SSL, security and troubleshooting.

Brocade
Certified Layer 4–7 Engineer

Brocade
Certified Layer 4–7 Professional

Brocade Certified Network Designer

- Available for anyone seeking certification on designing a campus or enterprise network using Brocade solutions.

Brocade
Certified Network Designer

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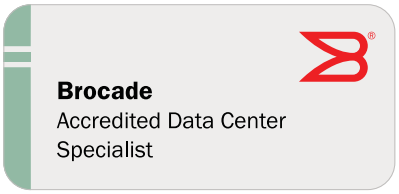
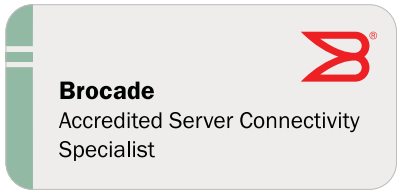
BROCADE PORTFOLIO OF SAN CREDENTIALS

The following is a list of SAN credentials which may be obtained from the Brocade Certification Portfolio.

Brocade Accredited Data Center Specialist
Brocade Accredited Server Connectivity Specialist

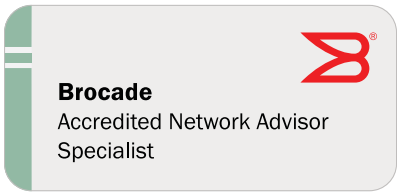
- These accreditations are the entry point for anyone looking to start a path towards SAN certification. They cover Fibre Channel fundamentals and network adapters.





Brocade Certified Fabric Administrator
Brocade Certified Fabric Professional
Brocade Accredited Network Advisor Specialist

- For those seeking certification on switch implementation and SAN management. The "Administrator" certification focuses on basic switch installation, configuration troubleshooting. The "Professional" certification focuses on advanced switch topics such as Access Gateway, FC-FC routing and extension, and Adaptive Networking. The Network Advisor accreditation focuses on network management, using the state-of-the-art multi-platform network management tool, Brocade Network Advisor.

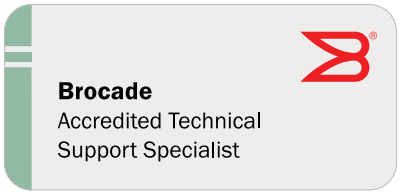


Brocade Certified Fabric Designer

- Aimed at anyone wishing to validate their knowledge of the latest Brocade solutions and technologies for creating a data center fabric. "Designer" includes data collection, tools, product features, performance tuning, distance solutions, migration and security.

Brocade Accredited Technical Support Specialist

- This accreditation is for advanced technical support personnel.



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BROCADE PORTFOLIO OF CONVERGED NETWORKING CREDENTIALS

The following is a list of Converged Networking credentials which may be obtained from the Brocade Certification Portfolio.

Brocade Accredited FCoE Specialist
- For those seeking validation of basic FCoE skills

Brocade Accredited FCoE Specialist

Brocade Certified Ethernet Fabric Engineer
Brocade Certified Ethernet Fabric Professional
- For those seeking to validate fundamental through advanced level skills on Brocade Ethernet fabric concepts and products.

Brocade Certified Ethernet Fabric Engineer

Brocade Certified Ethernet Fabric Professional

Brocade Certified Fabric Administrator
Brocade Certified Fabric Professional
- For those seeking basic through advanced level certification on switch implementation and SAN management.

Brocade Certified Fabric Administrator

Brocade Certified Fabric Professional

Brocade Certified Network Engineer
Brocade Certified Network Professional
- For those seeking certification in the Layer 2-3 space. The “Engineer” certification focuses on routing, ACLs, QoS, wireless and troubleshooting. The “Professional” certification focuses on QoS, OSPF, BGP, VLANs and IPv6.

Brocade Certified Network Engineer

Brocade Certified Network Professional

Brocade Accredited Data Center Specialist
Brocade Accredited Server Connectivity Specialist
- These accreditations are the entry point for anyone looking to start a path towards SAN certification. They cover Fibre Channel fundamentals and network adapters.

Brocade Accredited Data Center Specialist

Brocade Accredited Server Connectivity Specialist

Brocade Accredited Internetworking Specialist
Brocade Accredited Ethernet Fabric Specialist
- These accreditations are for anyone seeking foundational IP networking skills

Brocade Accredited Internetworking Specialist

Brocade Accredited Ethernet Fabric Specialist

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NEED MORE INFORMATION?

Brocade Certification Program Overview

As the networking industry evolves, so does Brocade. In keeping with that theme, the Brocade Certification Program is larger, deeper, and now more widely recognized than ever before. It offers candidates who receive a credential, some real meaning to the term Brocade Certified.

The program still offers individual credentials, recognizes depth of achievement in areas of expertise called tracks, and gives the certified base an ultimate goal to aim for; the Brocade Distinguished Architect.

Brocade credentials do not expire, however we strongly recommend that you keep your credentials up to date with the current versions so they are still relevant in the market place. We update our exams on a regular basis to stay in line with our latest technologies and products.

Exam Fraud Policy

Brocade is very serious about exam fraud. Policy violators are subject to a lifetime ban from the program. Please take time to read the entire policy at:
http://www.brocade.com/education/certification-accreditation/NDA/index.page

Manage Your Credentials

To offer our program customers high-quality customer service, we have CertMetrics; a world-class self-service credential tracking system. This system is available to anyone who has earned a Brocade credential. You need to use your BRCD ID to access the system, or there is a procedure for first-time visitors.

In CertMetrics you have the ability to:

- View all of your earned credentials
- Download logos for earned credentials
- Update your demographic information
- Have a transcript of your credentials sent to anyone you designate
- Access and download your certificates anytime in PDF format
  - Each certificate will have a tracking number and validation URL
- Track external credentials accepted as electives to the Brocade program

You may access CertMetrics by going to:
https://www.certmetrics.com/brocade.

Social Media

Candidates in the Brocade Certification Program can get information from several social media outlets. The MyBrocade portal offers candidates the Certification Community. You need to establish an account on MyBrocade if one does not exist. In the community you will find discussion groups, the latest program announcements, study materials including references for upcoming beta exams, as well a chance to connect with other program members. There is a group on LinkedIn called Brocade Certified, which is the official Certification Program group. This is yet another place to share ideas, or ask questions of other program members. On Facebook, we have the Brocade Certified page and encourage you to visit us and join in the discussions.

Exam Testing

All Brocade certification exams are delivered by Pearson VUE in a professional environment with a proctor present. The exams are specifically designed to challenge your knowledge and expertise for your particular area of testing. Pearson VUE has over 5,000 testing centers globally. Information on Brocade exams delivered by Pearson VUE and registration may be found at http://www.pearsonvue.com/brocade. All Brocade accreditation exams are web-based, available on your computer using the Kryterion Webassessor tool. Accreditation exams are un-proctored. Information on Brocade exams and registration may be found at:
https://www.webassessor.com/wa.do?page=publicHome&branding=BROCADE

Frequently Asked Questions

Answers to the most commonly asked questions may be found on our certification web page or by directly downloading the FAQs at:
http://www.brocade.com/education/certification-accreditation/FAQ/index.page

External Credentials

We accept some external credentials as electives in our program. Please email Joe Cannata (jcannata@brocade.com), Sr. Manager of Business Development/Certification regarding information on specific credentials.

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