Training & Certification.
Certify today. Master tomorrow.
With the constant development of information and communications technology (ICT), IT and CT are converging as a whole. The boundaries between Internet service providers (ISPs), enterprises and consumers are blurring. Cloud computing, Internet of things (IoT), and mobile broadband — representatives of the new technologies — will bring enormous opportunities for the ICT industry.

The growth of the ICT industry depends on the growth of talent. To innovate in technology, talent needs to be nurtured, and provided knowledge and training so that they gain the required skills. "Integrated knowledge, multidisciplinary skills, and evolved standards" will become new standards for a qualified ICT talent.
Huawei’s Talents Nurturing Solution

With high education as starting point, professional certification as pulling power, Huawei’s talents nurturing solution provides a complete solution to students, new employee and engineers of associate, professional and expert levels, based on the career development lifecycle of ICT talents.

Through partnership with higher educational institutions, we can equip college students with technical skills that are needed for the ICT industry.

For the ICT employees at the different stages of their career, we could provide tailored capacity development solution to improve their professional skills and the overall human capital of the organization.

Huawei’s Talents Nurturing Solution

- **Students**: Obtain professional certification to enhance employability and build a competitive edge.
- **Associate-entry**: Engineer-level certification to enhance basic job knowledge and skills.
- **Associate**: Senior-level certification to enhance professional development and the capability for specialization.
- **Professional**: Expert-level certification to enhance the capability to deliver in a complex technical, project design and integrated operational capability.
- **ICT Talents for Enterprises**: Huawei Authorized Network Academy to obtain professional certification and associate-entry to enhance the understanding and application of ICT new technologies.

Benefits

- **Partners**: share industry values
  - Enjoy the support of Huawei marketing activities and receive invitations to participate in workshops and activities organized by Huawei in various regions to enhance your popularity.
  - Apply to become a Huawei authorized learning partner (HALP), and cooperate with Huawei to enhance and develop the industrial human capital.

- **Customers**: enhance the organization’s human capital
  - Rely on the Huawei career certification system, and make competency improvement programs specific to various positions and roles within an enterprise to achieve visualized and systematic management of employees.
  - Enable employees to obtain ICT certification to enhance the understanding and application of ICT new technologies, and help enterprises have greater achievement in the ICT field.

- **Individuals**: promote personal career development
  - Participate in Huawei certification and training, constantly update knowledge base, follow the ICT development trends, and improve personal competitiveness.
  - Become Huawei certified to have a distinct advantage in terms of a starting point.
  - The Huawei certification helps individuals to be job ready and achieve success in the ICT ecosystem.
Training & Certification Architecture

Relying on the deep understanding of industry features, Huawei provides multiple industry-specific capability development solutions, which can best suit the needs of different industries, such as carriers, finance, power, government, transportation, education, enterprise, and etc.

For ICT practitioners
Based on IP, IT, CT and ICT convergence technologies, Huawei provides three certification levels, which are respectively associate, professional and expert, to provide ICT practitioners hierarchical certification training, covering all ICT technical fields.

For channel partners
With career certification as base, specialist certification as pulling power, Huawei provides three levels of certifications, which are sales specialist, solution specialist, and field specialist, to help partners gain a competitive advantage and maintain a stable profit.

Vertical Industries
- Carriers
- Finance
- Power
- Government
- Education
- Enterprise
- Transportation

Specialist Certification
- Advanced Routing & Switching Certification:
  - Sales Specialist
  - Solutions Specialist
  - Field Specialist
- Transmission Certification:
  - Sales Specialist
  - Design Specialist
  - Field Specialist

Career Certification
- Routing & Switching
- Wireless
- Transmission
- UC&C
- Cloud
- Storage & Server

Training & Certification Solution

Industry-specific Capability Development Solutions

Role
- Carrier
- Finance
- Transportation
- Power
- Energy
- Education
- Government

Process
- Role
- Process
- PMP
- Standards

Certification Standards
- ITIL
- PMP
- Industry-specific Capability Development Solutions

RS Network Design
- MPLS Subject
- Wireless Mesh Subject
- Capwap Subject
- QoS Subject
- Data Conference Subject
- Instant Collaboration Subject
- Virtualization Subject
- Unified Computing Subject
- Distributed Cloud Storage Subject
- Workforce Management Subject
- Roaming Subject
- RFID Subject
- Multimedia CC Subject
- Multimedia Access Subject
- Intelligent Route Subject
- IPv6 Subject
- IP Multicast Subject
- HCIE-Enterprise
- HCNP-Enterprise
- HCNA-Enterprise
- HCIE-WLAN
- HCNP-WLAN
- HCNA-WLAN
- UC/UCP
- HCIE-Cloud
- HCNP-Cloud
- HCNA-Cloud
- GalaX/VDesktop
- Basic Training
- Certification

Capability Library and IT learning platform
Training Solution

As the new business is constantly emerging and the industry competition is getting more fiercer, the ICT industry convergence is irresistible. Enterprise customers need to improve their efficiency and hold their costs. Developing the staff’s ability is the key to achieve their goal and spread their way to success.

As a main part of Huawei professional services the product training service which is rely on the hole platform and meet the demand of talent development can help enterprise customers improving their staffs’ professional skills, team capability and performance.

OneNet Solution

Based on Huawei’s products and experience in IP network construction, Huawei OneNet Training Solution Provides integrated courses about IP network and IP-based ICT technologies, including switching, routing, WLAN, UC, CC, Server, Storage, and etc.

**Contents**

- Cross-product convergence training, cross-network convergence training, cross-business convergence training.
- Training on network perception and business realization.

**Benefits**

- Convergence technical talent: Master the application of IP technologies in data network equipment, security equipment and wireless equipment, get to know the technology related to IP network, and improve the maintenance capability for the corresponding domain.

**Scenarios**

- Cloud-Computing and IOT bring a new generation of IP-based network.
- Terminal devices, networks security and customer business are deeply integrated into IP-based network.
- IP-based networks require employee with full range of IP-based skills.
- IP-based networks require IP-based business operation.

**Industry**

- Carters
- Finance
- Transportation
- Power
- Energy
- Education
- Government
U-Practice

In addition to professional lectures, Huawei U-Practice provides the lab environment close to reality or even live network practice. U-Practice helps YOU through actual operation, so you can master technology and get familiar with devices in a better way.

**Scenarios**
- Lacking leading technical talent specializing in one domain.
- Lacking mastery of theoretical knowledge.
- Lacking experts who can locate network problems.
- Lacking experience on network deployment.
- Diversified operations cannot be implemented on live equipment.

**Contents**
- Comprehensive theoretical training: simulate signaling process inside the equipment, to learn equipment log, cross-network knowledge, upgrades and patches, advanced troubleshooting, and optimization methods.
- Live network practice: deployment commissioning, advanced troubleshooting, scenario-based planning and optimization practices, and upgrading practices.

**Benefits**
- Professional talent: Cultivate professional talent specializing in a specific domain by repeated theoretical and exercises.
- Interdisciplinary talent: Cultivate talent having a knowledge of various domains while specializing in one.
- Practical experience: Huawei's strong service system provides practical opportunities from which customers benefit a lot.
- Maintenance efficiency: Improve organizational performance by cultivating experts.

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**Huawei Academy Online (HAO)**

You do not have to leave working or travel to attend training. Huawei Academy Online (HAO) provides an online learning environment, so that you can participate in Huawei's professional training courses anytime and anywhere.

**Scenarios**
- Need Fast: improve the knowledge and skill for new technologies.
- Need Save: the budget on the travel, logistics and organizing.
- Need Easy: to Manage the staff learning process and results.
- Need Large scale: competence campaign for mass staff and wide areas.

**Contents**
- Web-based Training: Comprehensive self-study anytime anywhere.
- Live Virtual Classroom: Remote learning and interaction platform.
- Online Test: Effective assessment and analysis.
- e-Lab: Simulation of operations typically executed on actual network.

**Benefits**
- Lower Cost: Save the budget on the travel, logistics and organizing.
- Large Scale: Fast deployment for the new service and technology in large scale staff.
- High Efficiency: More effective and fast utilization of Huawei learning resource in your staff training.
- Convenient Management: Easy to Manage the staff learning process and results.
**IP Network Technical Training**

Focus on the IP network technology and products, Huawei provides you with a series of professional training programs based on the Network lifecycle and staff positions/roles. For each of the stages in the network lifecycle, we customize specialized courses for different position/role of staffs. With Learning closely to your work, Huawei helps you improve your work performance.

**Scenarios**
- With the evolution of cloud-computing and IOT, users have an ever-increasing demand for a standard, high-efficient and low-cost network. It's now clear that IP is the core technology of modern network. The IP knowledge transfer service facilitates IP network planning, construction, quickly establishes maintenance teams at all levels, and improves IP network maintenance and management capability.

**Contents**

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- Training on network planning  
- Training on network specifications  
- Training on network design  
- Training on project management |
| Engineering/Construction |  
- Theoretical training  
- Training on network design  
- Training on network solutions and devices  
- Training on network planning and optimization  
- Training on network commissioning |
| Operation and Maintenance |  
- Training on network commissioning  
- Training on network performance  
- Training on network optimization  
- Training on network operations and support |
| Network Optimization |  
- Training on network optimization  
- Training on network performance  
- Training on network planning and optimization  
- Training on network design and development |

**Benefits**
- The world-leading experience in IP network commercial use and the perfect IP course system and delivery model help customers to quickly establish their IP capabilities.
- Hierarchical customized courses ensure that customers at different levels and with different requirements can acquire knowledge that is useful for them.
- Perceive the IP network development of the industry and learn about the evolution direction to guide network rollout.

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**WLAN Technical Training**

Focus on the WLAN technology and products, Huawei provides you with a series of professional training programs based on the Network lifecycle and staff positions/roles. For each of the stages in the network lifecycle, we customize specialized courses for different position/role of staffs. With Learning closely to your work, Huawei helps you improve your work performance.

**Scenarios**
- 802.11 has became the international Wireless LAN standard. With the development of enterprise business, mobile office equipment spreads, users have an ever-increasing demand for access to high-speed network at any time.
- The WLAN knowledge transfer service facilitates WLAN planning, construction, quickly establishes maintenance teams, and improves WLAN maintenance and management capability.

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- Training on network solutions and devices  
- Training on network planning and optimization  
- Training on network commissioning |
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- Training on network commissioning  
- Training on network performance  
- Training on network optimization  
- Training on network operations and support |
| Network Optimization |  
- Training on network optimization  
- Training on network performance  
- Training on network planning and optimization  
- Training on network design and development |

**Benefits**
- The world-leading experience in WLAN commercial use and the perfect WLAN course system and delivery model help customers to quickly establish their WLAN capabilities.
- Hierarchical customized courses ensure that customers at different levels and with different requirements can acquire knowledge that is useful for them.
- Perceive WLAN development of the industry and learn about the evolution direction to guide network rollout.
Cloud-Computing Technical Training

Focus on the Cloud-Computing technology and products, Huawei provides you with a series of professional training programs based on the Network Lifecycle and staff positions/roles. For each of the stages in the network lifecycle, we customize specialized courses for different positions/roles of staffs. With learning closely to your work, Huawei helps you improve your work performance.

**Scenarios**
- Cloud-computing technologies and strategies training for managers
- Master cloud computing solutions, construct suitable cloud computing networks, and promote cloud computing services
- Establish capabilities of cloud computing network O&M

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**Benefits**
- Meet requirements of managers and technical engineers to follow advanced technologies.
- Obtain the capabilities to support network preparing, rollout, operation, service providing, etc.

**Training Delivery Model**

Huawei can serve our customers directly, or serve with our partners together.

And the partner system consists of HALP (HALP, Huawei Authorized Learning Partner) and HANA (HANA, Huawei Authorized Network Academy):
- HALP can offer training service to individuals, community, our partners and so on.
- While HANA can help to train the students at school.
- Meanwhile, Huawei would provide firm support to these partners.
Training Experience

- More than 20 years experience in communication technology training.
- More than 3 million trainees in total.
- Training and testing services covering 160+ countries.
- Hourly 50+ candidates receiving Huawei technical training throughout the world.
- 200+ certified senior experts of architecture and development.
- Cooperating with colleges and universities in 30+ countries, helping nurture local communication talents.

Huawei Certification

Huawei ‘can’ cultivate high-tech talents and equip new employees with the skills to perform their job functions in every technical field in the ICT industry.

CAN represents the three key characteristics of Huawei certification solution:
- Convergence means that we are in line with the current industry trend of ICT convergence: IT and CT technical fields are integrated into one solution.
- All-fields means that we provide a complete professional technical certification system covering all ICT technical fields.
- New refers to our continuous efforts to ensure the latest technology in the trend are incorporated into our training and certification programs.

Convergence
An ICT multi-technology certification in line with the industrial climate of ICT convergence.

All-fields
A complete professional technical certification system covering all ICT technical fields.

New
An updated certification system with new technologies, new ideas, and new industry trends.
In the Huawei Certification system, HCIE represents the most advanced level of expertise in a specific area. In order to be certified as a HCIE, the candidate will be tested on three aspects: theoretical knowledge by written exam, practical capability by lab exam and comprehensive qualifications by interview.

A certified HCIE is able to design enterprise networks, has an excellent understanding of the network technologies and is able to apply this in practice. Moreover, they are extremely skilled in using Huawei equipment to construct, operate and maintain the enterprise networking, as well as capable of troubleshooting based on a perfect understanding of networking technologies.

HCIE, Huawei’s highest ICT technical certification

Driving career success in a better way.

Reflect the practical capability for operation and deployment in actual enterprise networks.

Authoritative questions that reflect the depth of acquired knowledge.

COMPREHENSIVE
CAPABILITY

Reflex the comprehensive capability of knowledge, application and creative thinking when under pressure.

THEORY

PRACTICAL
CAPABILITY