Internet Society
Learning

2025 Course Catalog

Learning @ Internet Society

The Internet is for Everyone.

This vision drives everything we do. We are a global charitable organization working to ensure that the Internet is for everyone. Through our community of members, special interest groups, and 130+ chapters around the world. We defend, promote Internet policies and technologies that keep the Internet open, globally connected, and secure.

We, are the Internet Society. We believe everyone should be able to benefit from an open and trusted Internet.

Internet Society
Learning

Empowering Change Through The Internet.

The Internet is a powerful equalizer, offering you unprecedented opportunities for connection, innovation, and growth. However, global inequality in Internet access and declining trust in online environments present significant challenges. **Over 2.6 billion people** remain unconnected, missing out on the transformative potential of digital technologies. At the same time, increasing concerns about safety, security, and online privacy threaten the foundation of an open and trustworthy Internet.

Our diverse range of self-paced and moderated courses equips you with the tools you need to tackle these challenges, from ensuring equitable Internet access to fostering digital security and resilience. You'll also find new offerings, such as the Disability Leadership Training in Internet Governance and Digital Rights (DLTIGDR), showcasing our inclusive approach to empowering individuals and communities to shape the Internet's future. Through our courses, you'll gain practical knowledge that enables you to advocate for impactful change, build secure, open networks, and lay the groundwork for a more connected, safe, and inclusive digital world.

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Overview

Are you ready to become a leader in Internet technology, policy, and business? At the Internet Society, we're dedicated to preparing the next generation of Internet leaders like you. To succeed, you'll need a diverse set of skills across various disciplines and the ability to work with people at all levels of society.

Through Learning @ Internet Society, you'll join a global community committed to building an open, secure, and trustworthy Internet. Our learning programs provide you with the knowledge and tools to take action, helping you become the leader the Internet needs.

Since 1992, we've been at the forefront of global Internet education, empowering learners with essential training and insights. Between 2013 and 2024, we trained over 140,000 learners worldwide in areas such as:

- Internet technology and connectivity

- Internet Security

- Building and maintaining infrastructure

- Advocacy

By participating in Learning @ Internet Society, you'll become part of a vibrant global network dedicated to Internet growth, security, and accessibility. Our mission aligns with the Internet Society's **2025 Action Plan**, which prioritizes affordable, reliable, and resilient Internet access for all, while ensuring a safe, secure, and privacy-respecting online experience.

Internet Society
Learning

Highlights

We offer a variety of learning options, including:

- Moderated online courses

- Self-paced courses

- Face-to-face courses

- On-demand training

Our courses are available online and offline and in three languages: **English, French, and Spanish**.

To ensure accessibility for all learners, all our courses are designed in high-bandwidth, low-bandwidth versions. These comply with Web Content Accessibility Guidelines (WCAG) 2.1 Level AA, and all courses are mobile-responsive.

Internet Society Learning

2025 Training and e-Learning Course Calendar

🖥 **Moderated Courses**

These courses are offered through the platform with the support of a moderator and a tutor. The moderator ensures all administrative issues are addressed and the tutor provides the technical expertise and answers all questions related to the subject matter.

In a moderated course, the moderator and the tutor meet with the registered learners in a live session for one hour per week for the duration of the course.

One or two modules are released each week and a course has a set time of four to six weeks for completion.

| Introduction to Network Operations | Advanced Network Operations 2 |
| 📅 15 January–11 February | 📅 15 January–11 February |

Why Learn with the Internet Society?

Our courses cover key topics that contribute to the growth and security of the Internet. Participants will gain the skills to:

- Enhance employability, entrepreneurship, and career opportunities in the Internet industry

- Support our efforts to connect the unconnected

- Champion Internet security protocols

- Improve your online safety and security

Check out our **course calendar** to see upcoming learning opportunities throughout the year!

Internet Society Learning

Learners

Who can take our course?

Anyone! If you're interested in learning more about the Internet—how it works and how you can help shape its future—our online courses are for you.

Our courses cater to learners of all experience levels, offering both technical and non-technical topics. Some technical courses may have prerequisites, so be sure to check the requirements before registering.

What do you need to take our courses?

To participate, learners should have:

- A stable Internet connection (for online access)

- A desktop or laptop with at least a 2 GHz dual-core processor and 4GB of RAM, or a smartphone with at least 3GB of RAM

- A modern web browser that supports interactive learning platforms

- The option to learn offline using the **Go.Learn** app

Internet Society
Learning

Our Tutors

Our tutors are world-class experts who support course delivery by leading live sessions, responding to learner questions on the course forum, and sharing their expertise with the community. They have solid backgrounds and deep knowledge about the Internet. Our tutors possess vast expertise, hold relevant academic qualifications, and complete an annual training session to prepare them to be an official Internet Society tutor.

Internet Society
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Learner Feedback

Course: What the Internet Needs to Exist

Learner 1: "The course was very visually appealing, and the audio narration was clear and concise."

Learner 2: "It helped me gain confidence and mostly get good with computer systems and the Internet"

Course: Privacy

Learner 1: "This is one of the best and easiest online courses I have ever encountered."

Learner 2: "It helped me understand how the Internet functions and the advantages of its diverse users."

Certificates and Badges

Learners can take our courses and download a digital certificate that is shareable across all social media platforms.

In addition, badges are automatically issued and shared at the end of each completed module.

Registration for the courses

In 2025, Learning @ Internet Society courses will be offered in three cycles throughout the year. Learners can enroll in a course as soon as registration for the corresponding cycle opens. Enrollment is only available for the next upcoming cycle—not future cycles beyond it.

Additionally, we offer on-demand training for dedicated groups outside the scheduled cycles. These sessions can follow our standard curriculum or be tailored to fit specific content and time requirements, including pre-conference training to better equip attendees for upcoming events.

For more details, contact us at Learning@isoc.org.

Internet Society
Learning

Empowering You to Solve Global Challenges

Our courses have been designed and strategically bundled to address critical challenges outlined in our 2030 Strategy. These courses directly tackle issues such as global inequality, lack of trust in the Internet, and the need for community-driven solutions. By aligning with our key program areas, they provide targeted support to ensure:

Affordable and Reliable Access Courses

Introduction to Network Operations 1.0
Advanced Network Operations 2.0
Internet Exchange Point (IXP) 2.0

These courses focus on reducing barriers to Internet access, making it more affordable and resilient for underserved regions.

Community-Centered Connectivity Courses

Fundamentals of Designing and Deploying Computer Networks
Community Networks Readiness Assessment
Building Wireless Community Networks

These courses empower you to establish local connectivity solutions, addressing the challenge of connecting the 2.6 billion people who remain offline.

Online Trust and Safety Courses

Digital Footprints
Privacy
Encryption

These courses will help you combat the declining trust in the Internet by empowering individuals and organizations to safeguard their online activities.

Open and Trustworthy Internet

Internet Governance
Internet Security
What the Internet Needs to Exist
What the Internet Needs to Thrive
How to Develop an Internet Impact Brief (Toolkit)
Mutually Agreed Norms for Routing Security (MANRS)
Disability Leadership Training in Internet Governance and Digital Rights (DLTIGDR)

These courses promote advocacy and Internet knowledge-building to protect and defend an open, interoperable, and secure Internet.

Community and Partner Mobilization

Internet Society Chapter Management Essentials
Grant Application and Implementation Guidelines

These courses will help you strengthen grassroots and organizational capacity to mobilize for meaningful impact.

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Introduction to Network Operation 1.0

Course is available in English, French, and Spanish
Approximate duration: 6 weeks (30 hours)
Number of modules: 8

Course Overview:

This introductory course is designed for novice or entry-level UNIX/Linux users pursuing careers in Network or System Administration. It equips you with foundational skills to advance to more complex topics in the future. With a hands-on approach, the course provides step-by-step guidance on configuring a UNIX/Linux server and setting up a Caching Domain Name System (DNS) server in a virtualized environment. The techniques covered are directly applicable to real-world scenarios, enabling you to deploy Internet-ready caching DNS servers effectively.

Course Objectives:

- Learn about and operate a UNIX/Linux operating system in a virtualized environment

- Develop competences in key networking topics: IPv4 and IPv6

- Install third-party software on a UNIX or Linux platform using common software management tools

- Work with the UNIX/Linux shell and become comfortable with the command line interface

- Edit files in UNIX/Linux environments without Graphical User Interfaces (GUI)

- Understand the role of the Domain Name System (DNS) in the operation of the Internet

- Build and activate a caching Domain Name System (DNS) server

Prerequisites:

- This course does not have prerequisites

You should attend this course if:

- You are a novice network engineer or system administrator eager to learn UNIX/Linux, networking, and DNS

- You are an aspiring network professional from an REN, NOG, university, ccTLD registry, or ISP

Scan to learn more about this course's learning outcomes.

Internet Society
Learning

Advanced Network Operations 2.0

Course is available in English, French, and Spanish
Approximate duration: 4 weeks (30 hours)
Number of modules: 5
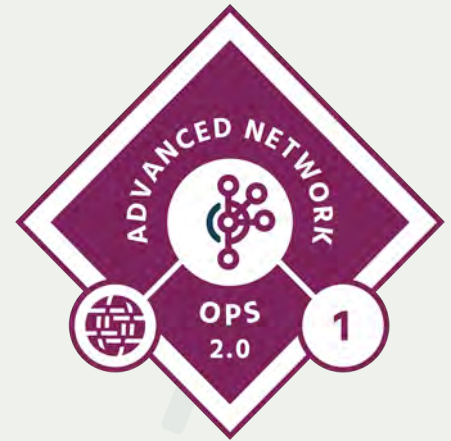
Course Overview:

This course builds on Introduction to Network Operations 1.0, expanding participants' knowledge of advanced Internet services and emerging technologies. Key topics include advanced DNS, email systems, secure web services, and network monitoring.

Course Objectives:

- Understand advanced DNS setups, to deploy an authoritative DNS server

- Learn more about the workings of email and web services, including how to set up a basic email server and a basic web server with TLS secured pages

- Understand network monitoring and its importance to network operations, in order to configure a network monitoring service to monitor various network devices and Internet services

Prerequisites:

- This course requires prior completion of the Introduction to Network Operations or NetOps 1.0.

- You should have a strong understanding of Unix/Linux, basic DNS, caching/resolving DNS servers, networking, and Unix command line.

You should attend this course if:

- You are an intermediate-to-expert-level engineer interested in learning about deploying core Internet services, using open-source software and open standards

- You have already attended the NetOps 1.0 course

Scan to learn more about this course's learning outcomes.

Internet Society
Learning

Encryption

Course is available in English, French, and Spanish
Approximate duration: 4 weeks (20 hours)
Number of modules: 4

Course Overview:

This course is an introduction to encryption and serves as an overview, a level set, and a foundation. Encryption is a key element in protecting us and our information as we go about our daily lives and interact with others online. It ensures our information and communications remain confidential, protected, and available only to those for whom we intend.

Course Objectives:

- Describe encryption concepts at a high level, and understand the benefits encryption offers to us individually and as a society

- Find out why encryption is important and the ways in which we rely upon strong encryption in our daily lives

- Understand how and why efforts to weaken encryption pose a serious threat

- Learn about various "backdoor access" proposals and why they are problematic

- Learn about the Internet Society's goals and activities related to supporting strong encryption and to defending against threats to it

- Discover what actions you can take to advocate for strong encryption in your community and beyond

Prerequisites:

- This course does not have prerequisites

You should attend this course if:

- You would like to have a solid understanding of how encryption relates to you as an Internet user and what threats it may face from governments, industry, and criminals

- You would like to be able to advocate for strong encryption

- You want to build awareness of the importance and benefits of encryption

- You want to help shape the encryption process to protect data on the Internet

- You would like to learn why encryption is fundamental for a secure, trusted and more resilient Internet

Scan to learn more about this course's learning outcomes.

Internet Society
Learning

Internet Governance

Course is available in English, French, Spanish and Arabic
Approximate duration: 4 weeks (20 hours)
Number of modules: 6

Course Overview:

Internet Governance is the development and application of shared principles, norms, rules, decision-making procedures, and programs by governments, the private sector, and civil society in their respective roles. These efforts shape the evolution and use of the Internet.

This course provides you with overview of Internet governance, touching on key areas such as its history, policy principles, actors and stakeholders, infrastructure, regulatory frameworks, multilingualism, and cybersecurity. It also discusses and analyzes the multistakeholder model, examines the developmental aspects of Internet governance, and examines the collaborative nature of achieving Internet security and resilience.

Course Objectives:

- Provide an overview of Internet governance and learn about the history of the Internet

- Learn about the various Internet actors and stakeholders involved in the development of the Internet and its governance

- Learn about Internet infrastructure, standards, protocols, and principles

- Understand the main foundations of Internet law and challenges in implementation and enforcement

- Examine the importance of regulation on a national level to ensure a competitive, open, and accessible Internet environment

- Explore types of threats, national cybersecurity frameworks, and the role of various international organizations

Prerequisites:

- This course does not have prerequisites

You should attend this course if:

- Want to gain an overview of Internet governance and its history

- Are interested in understanding the Internet ecosystem and the multistakeholder model

- Want to learn about key Internet actors, stakeholders, and their roles in governance

- Seek to understand the foundations of Internet law and the challenges of implementation and enforcement

- Want to explore the importance of national regulations in maintaining a competitive, open, and accessible Internet

Scan to learn more about this course's learning outcomes.

Internet Society
Learning

Community Network Readiness Assessment

Course is available in English, French, Spanish and Arabic
Approximate duration: 4 weeks (20 hours)
Number of modules: 6

Course Overview:

Community Network Readiness Assessment helps bridge the connectivity gap. Every network deployed and operated by a community to meet its own connectivity needs is another step closer to closing the digital divide.

In the past decade, the community networks movement has proven to be an effective way to help connect the 2.6 bilion who are still offline. To ensure that a community network is as successful and sustainable as possible, we recommend you conduct a readiness assessment before you start.

This course covers critical aspects of a community network's deployment and sustainability. It will provide methods to analyze and assess if a community has favorable conditions for deploying and operating a successful network. The course will also share some practical elements related to operating quality and affordable telecommunications services in a given location.

Course Objectives:

- Understand the function and services of a community network

- Gain a broad understanding of the planning and deployment of a community network

- Learn about the strategic and sustainable organizational structures and partnerships of community networks

- Assess the financial sustainability to establish a community network

- Assess whether a community will benefit from and be able to sustain a community network

Prerequisites:

- You must have a good understanding of how community projects are organized

You should attend this course if:

- Have a solid understanding of how to plan and deploy a community network in your area

- Understand the social impact objectives of building a community network

- Become a local partner of the Internet Society or support a community to deploy a community network

- Understand the policy and regulatory dynamics involved in building a community network

- Understand the strategic organizational and operational structure of community networks

Scan to learn more about this course's learning outcomes.

Internet Society
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Fundamentals of Designing and Deploying Computer Networks
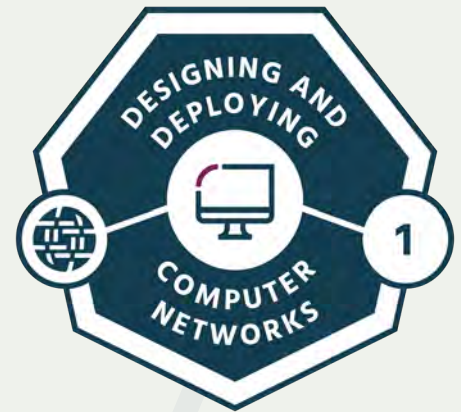
Course is available in English, French, and Spanish
Approximate duration: 6 weeks (40 hours)
Number of modules: 12

Course Overview:

This course is designed for you if you already have a foundational understanding of the Fundamentals of Designing and Deploying Computer Networks and are familiar with using personal computers. It begins by reinforcing your knowledge of networking basics, including Ethernet and Wi-Fi technologies. You'll then progress to planning, designing, and deploying simple LANs while exploring practical methods for connecting a LAN to the Internet, such as mobile Internet, ADSL, and fiber. The course will also equip you with skills to set up these connections and address common maintenance issues effectively. With a balanced mix of theoretical insights and hands-on practical exercises, you'll gain valuable experience throughout the learning journey. **Please note the course does not delve into the planning, design, or deployment of LANs that involve advanced equipment or concepts.**

Course Objectives:

- Understand networks and how they function

- Gain basic knowledge of the OSI model, network standards, and TCP/IP protocols

- Learn about network media types and differentiate between LAN, MAN, and WAN

- Understand common LAN components and technologies (devices, cables, wireless)

- Design, install, and connect small LANs to the Internet via mobile, ADSL, or Fiber

- Troubleshoot small LANs and Internet connection issues

- Develop a basic understanding of Internet functionality (routing, DNS)

Prerequisites:

- Basic understanding of the computer hardware and software

- Familiarity with personal computers and at least one operating system and basic office software

You should attend this course if:

- You are interested in planning, designing, and deploying an Ethernet wired network using switches and/or UTP cables

- You want to acquire the skills to design and set up a Wi-Fi network using a Wi-Fi router.

- You're interested in configuring routers to connect LANs to an Internet Service Provider (ISP)

- You want to develop expertise in troubleshooting and resolving issues within LANs

Scan to learn more about this course's learning outcomes.

Internet Society
Learning

Building Wireless Community Networks

Course is available in Spanish and English
Approximate duration: 15-20 hours, 6 weeks
Number of modules: 14

Course Overview:

This course trains community members in wireless technology and Wi-Fi equipment that uses unlicensed spectrum bands of 2.4 and 5.8 GHz. The goal is to create wireless networks that belong to and are operated by the community. This approach not only allows the community to implement and manage manage these networks but also to facilitate the transfer of knowledge.

Course Objectives:

- Acquire basic concepts of the creation of wireless community networks

- Get familiar with experiences that enable the student to get references for the efficient design of wireless community networks

- Acquire the necessary knowledge to design an implementation plan for wireless community networks

- Transfer knowledge about wireless community networks to other members of the community

Prerequisites:

- This course does not have prerequisites

You should attend this course if:

- Technitians, community leaders, or any other stakeholder with interest or close to Community Networks initiatives

- You should attend this course if you want to champion the planning, deployment, or managing Community Networks

Scan to learn more about this course's learning outcomes.

Internet Society
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Disability Leadership Training in Internet Governance and Digital Rights

Course is available in English
Approximate duration: 15-20 hours, over 5 weeks
Number of modules: 6

Course Overview:

Soon, a quarter of the world's population will have a disability or be aged. They could benefit from Internet technologies and online content if it were fully accessible to them. This course aims to develop tools to increase Internet Governance debates about digital inclusion for persons with disabilities.

Course Objectives:

- To build disability leaders in Internet Governance

- To serve as a resource to ground accessibility and disability within the main Internet Governance debate

Prerequisites:

- This course does not have prerequisites

You should attend this course if:

- Persons with disabilities and disability advocates who work on accessibility and digital rights at the global, regional and national levels.

- Internet Governance practitioners to evolve a more comprehensive framework of digital rights through the lens of accessibility and universal design.

- Schools of Internet Governance and trainers who conduct courses/organise sessions on Internet Governance.

Scan to learn more about this course's learning outcomes.

Internet Society
Learning

Digital Footprints

Course is available in English, French, and Spanish
Approximate duration: 20 hours
Number of modules: 9

Course Overview:

Every day, we contribute to an online portrait of ourselves—often more public than we realize. This profile is used by companies, employers, and advertisers to target, track, and assess us. Whatever you do online leaves digital footprints. This course explores the trails you leave, their impact, and simple steps to reduce your footprint and manage your digital identity.

Course Objectives:

- Understand what a digital footprint is, its benefits and costs

- Understand how everyday Internet users can build up a substantial digital footprint

- Understand the economics of the digital footprint of Internet users

- Learn if the loss of privacy on the Internet is considered an issue

- Understand the differences in digital footprints made by different devices

- Learn how to manage your digital footprint in your online routine

- Learn who tracks you around the Internet and how do they do it

- Learn how privacy laws in different parts of the world can impact your digital footprint

Prerequisites:

- This course does not have prerequisites

You should attend this course if:

- You want to understand what a digital footprint is

- You would like to understand the implications and effects of your digital footprint

- You want to reduce your digital footprint and manage your digital identity on the Internet

Scan to learn more about this course's learning outcomes.

Internet Society
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Privacy

Course is available in English, French, and Spanish
Approximate duration: 20 hours
Number of modules: 4

Course Overview:

The Privacy course equips you with the knowledge and skills to understand, protect, and advocate for privacy in the digital age. It explores key privacy principles, the evolving landscape of data collection, and the ethical frameworks that guide responsible data handling.

You will learn about the risks associated with personal data exposure, the impact of emerging technologies like the Internet of Things (IoT), and how businesses, governments, and individuals can safeguard privacy. The course also covers practical strategies for maintaining control over personal data, implementing privacy-enhancing tools, and navigating global privacy regulations.

By the end of this course, you will have a strong foundation in privacy concepts and the ability to apply ethical and legal considerations to data collection and protection in both personal and professional settings.

Course Objectives:

- Learn the definition and importance of privacy

- Understand and reinforce user trust of online services, even as online privacy is under constant pressure

- Learn how to promote strong, technology-neutral data-privacy laws, privacy-by-design principles, and ethical data-collection and handling principles on the Internet

- Discover how to protect and foster online privacy

Prerequisites:

- This course does not have prerequisites

You should attend this course if:

- You want to understand what privacy is and why its important

- You want to contribute to the growth and application of privacy frameworks that apply an ethical approach to data collection and handling

Scan to learn more about this course's learning outcomes.

Internet Society
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Internet Society Chapter Management Essentials

Course is available in English, French, and Spanish
Approximate duration: 20 hours
Number of modules: 8

Course Overview:

This course helps you learn what it takes to successfully run an Internet Society chapter. It includes tips on how to engage local communities to achieve our collective vision. It also covers topics such as fundraising, growing membership, developing activities, and communicating effectively.

Course Objectives:

- Learn how to successfully lead a chapter

- Find out how to find funding to create and implement a chapter

- Learn how to grow the membership of a chapter

- Discover how to develop activities, programs, and events for a chapter

Prerequisites:

- This course does not have prerequisites

You should attend this course if:

- You are a chapter leader, a chapter member interested in becoming a chapter leader, or an individual member interested in starting a new Internet Society chapter

- You are a new Internet Society chapter leader or if you consider becoming one

- You have already been a chapter leader for a while and would like a refresher on some of the chapter management fundamentals, as well as some of the chapter-related standards, policies, and requirements of the Internet Society

- You want to contribute to the development of the Internet in your country and region by engaging the local community around Internet related topics and by raising awareness about Internet-related issues

Scan to learn more about this course's learning outcomes.

Internet Society
Learning

Grant Application Guidance

Course is available in English, French, and Spanish
Approximate duration: 20 hours
Number of modules: 5

Course Overview:

This course is designed for those interested in applying for grants through the Internet Society Foundation. You will learn how to design an impactful grant application that incorporates Monitoring, Evaluation, and Learning (MEL) principles, and will gain insight into how a grant project can positively change lives through an open, globally connected, secure and trustworthy Internet for all.

Course Objectives:

- Learn how to design a grant application that considers the changes envisioned and measures progress over time

- Consider the details and impact of a grant project poposal

- Understand the importance of monitoring, evaluation, and learning when designing your grant project

- Learn about best practices to strengthen a grant project proposal

Prerequisites:

- This course does not have prerequisites

You should attend this course if:

- You would like to design a grant project

- You would like to learn how to implement a grant project (monitoring, evaluation, learning and reporting processes)

- You would like to design measurement and costs of a grant project, that is, develop key performance indicators and budgets

Scan to learn more about this course's learning outcomes.

Internet Society
Learning

Internet Exchange Point (IXP) 2.0

Course is available in English, French, and Spanish
Approximate duration: 20 hours
Number of modules: 4

Course Overview:

This course will provide participants with an understanding of the key aspects of operating an Internet exchange point (IXP). We will cover the following areas: 1) basics and introduction of IXP operations, 2) business and strategic aspects, 3) governance, policy, and regulatory and technical aspects.

Course Objectives:

- Gain a comprehensive understanding of how to establish and manage an IXP and the key building blocks that constitute a dynamic peering and interconnection ecosystem

- Develop a good understanding of what is required to build and scale an IXP, the different governance and operating models, and the key technical aspects of running a resilient and secure platform

- Understand the different IXP business models and how to build a growth strategy plan to take a new or existing IXP from its current development stage to the advanced stage

Prerequisites:

- You must have a basic understanding of how the Internet works and a good understanding of or practical experience in networking using dynamic routing protocols

- Prior knowledge and/or experience with UNIX/Linux systems will be useful for the technical modules

You should attend this course if:

- Individuals and/or an association of community players working on the establishment of an IXP

- Volunteers, staff, or employees of a nascent or developing IXP looking to learn how to scale its growth

- Peering and interconnection ecosystem stakeholders such as Internet Service Providers (ISPs), Policy makers and regulators

Scan to learn more about this course's learning outcomes.

Internet Society
Learning

Internet Security

Course is available in English, French, and Spanish
Approximate duration: 20 hours
Number of modules: 4

Course Overview:

The Internet Security course, provides an insight into specific cybersecurity aspects related to the global Internet. This course differentiates itself from other cybersecurity courses by its focus. Zeroing in on the interconnected, exposed nature of Internet security, emphasizing its operation within a global, untrusted environment. Through a detailed examination of Internet security's key characteristics, the course underscores the critical differences in the 'why' and 'where' of security practices, providing insights into making the internet a safer space for all.

Course Objectives:

• Understand how Internet security differs from traditional enterprise security, focusing on securing a shared global infrastructure

• Explore the zero-trust approach required for operating securely on the Internet.

• Learn how commonly used Internet communication protocols are designed and function

• Examine detailed examples of securing authentication, PKI, routing (BGP), naming (DNS), web traffic (HTTP), and email

Prerequisites:

• This course does not have prerequisites

You should attend this course if:

• It is intended for individuals who have a basic understanding of the internet and are familiar with security concepts commonly used in corporate environments.

• This course covers technical concepts and approaches to Internet security but does not provide hands-on training or step-by-step implementation. Participants should expect a conceptual understanding rather than practical application

Scan to learn more about this course's learning outcomes.

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How to Develop an Internet Impact Brief - (Toolkit)

Course is available in English, French, and Spanish
Approximate duration: 10 hours
Number of modules: 1

Course Overview:

This is the third module in the Internet Society's Internet Way of Networking online course series. In this module we provide an overview of how the critical properties and enablers of the Internet can help you conduct an assessment and write your own Internet Impact Brief.

Course Objectives:

- Describe the types of issues and policy trends where an Internet Impact Brief might be appropriate

- Understand the skills and resources needed to write an Internet Impact Brief

- Use the Internet Impact Assessment Toolkit to analyze Internet-related issues

- Structure an Internet Impact Brief to maximize its impact for your target audience

Prerequisites:

- You should have completed two other courses: (1) What the Internet Needs to Exist (2) What the Internet Needs to Thrive

You should attend this course if:

- You are passionate to support the open, globally connected, secure and trustworthy Internet

Scan to learn more about this course's learning outcomes.

Internet Society
Learning

What the Internet Needs to Exist

Course is available in English, French, and Spanish
Approximate duration: 20 hours
Number of modules: 6

Course Overview:

This course is an introduction to the critical properties of the Internet Way of Networking. It will help learners understand the foundation that underpins the health and success of the Internet, and how to protect it to ensure the Internet can evolve to reach its full potential.

Course Objectives:

- Discover what key technologies and actions helped spark the Internet

- Learn what the Internet Way of Networking is and the five critical properties that make up the foundation that underpins the Internet

- Find out how to identify threats to the Internet Way of Networking, with examples from existing use cases

- Learn how conducting an Internet impact assessment can help prevent policies, technologies, and trends from harming the Internet

- Learn about the Internet Impact Assessment Toolkit, and how it can help users protect the foundation that keeps the Internet working for everyone

Prerequisites:

- This course does not have prerequisites; however it is recommended to have (but not required) prior knowledge of Network Operations

You should attend this course if:

- You are a policymaker, technologist, or advocate working on issues related to Internet regulation

- You have a base understanding of how the Internet works, and would like to learn about the critical foundation that keeps it working for everyone

- You want to build awareness of the importance of protecting the critical foundation of the Internet

- You want to be able to advocate to prevent a policy, technology, or trend from harming the Internet's foundation

- You want to know the basic considerations to include in an Internet impact assessment

Scan to learn more about this course's learning outcomes.

Internet Society
Learning

What the Internet Needs to Thrive

Course is available in English, French, and Spanish
Approximate duration: 20 hours
Number of modules: 6

Course Overview:

This course is an introduction to the critical properties of the Internet Way of Networking. It will help learners understand the foundation that underpins the health and success of the Internet, and how to protect it to ensure the Internet can evolve to reach its full potential.

Course Objectives:

- Describe the enablers of the open, globally connected, secure, and trustworthy Internet

- Explain how the enablers can be used to simplify the task of analyzing the potential effects of proposed changes in relation to the goals

- Provide examples of various developments that have positive or negative impact on the Enablers and, consequently, of the attainability of the Internet goals

Prerequisites:

- You need to have a good understanding of the Internet Way of Networking and its critical properties

You should attend this course if:

- You are a policymaker, technologist, or advocate working on issues related to Internet regulation

- You have a base understanding of how the Internet works and would like to learn about the critical foundation that keeps it working for everyone

- You want to build awareness of the importance of protecting the critical foundation of the Internet

- You want to be able to advocate to prevent a policy, technology, or trend from harming the Internet's foundation

- You want to know the basic considerations to include in an Internet impact assessment

Scan to learn more about this course's learning outcomes.

Internet Society
Learning

Mutually Agreed Norms for Routing Security (MANRS)

Course is available in English, French, and Spanish
Approximate duration: 4 weeks (20 hours)
Number of modules: 6

Course Overview:

The Mutually Agreed Norms for Routing Security (MANRS) is a global initiative, supported by the Internet Society, through which operators, enterprises, and policymakers implement crucial fixes needed to reduce the most common routing threats.

MANRS comprises four simple but concrete steps that dramatically improve Internet security and reliability. The first two operational improvements eliminate common routing issues and attacks, while the second two procedural steps provide a bridge to universal adoption and decrease the likelihood of future incidents.

This course gives you an understanding of how critical it is to ensure that Internet traffic is reliably routed around the world to build a trustworthy, global Internet. Based on common network operational practices in place today, the global Internet routing system lacks sufficient security controls to prevent the injection of false routing information, including the impersonation of networks.

Course Objectives:

- Discover what MANRS is and why it matters

- Learn the four key actions to enhance routing security and improve network efficiency

- Understand the critical role of routing security in the Internet's stability and future

- Prevent routing outages and attacks like hijacking, leaks, and spoofing to protect data, revenue, and reputation

- Explore databases and tools to document routing policies and maintain accurate contact information

Prerequisites:

- This course does not have prerequisites

You should attend this course if:

- You should attend this course if you are a network administrator/engineer with knowledge and experience of networking and peering and are also familiar with Autonomous System Numbers (ASNs)

Scan to learn more about this course's learning outcomes.

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