



Internet Society
[Learning](#)

2024 Course Catalog

Learning @ Internet Society

The Internet is for Everyone

This vision drives everything we do. We are a global nonprofit organization empowering people to keep the Internet a force for good: open, globally connected, secure, and trustworthy.

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

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Overview

Preparing a new generation to succeed as leaders in Internet technology, policy, and business is one of the Internet Society’s key objectives. To be successful, the next generation of Internet leaders will need a wide range of skills in a variety of disciplines—as well as the ability and experience to work with people at all levels of society.

Learning @ Internet Society is a way to bring people together in support of an open, globally connected, secure, and trustworthy Internet. It’s a way to empower people with the knowledge they need to act. And it’s a way to prepare people to become the future leaders the Internet needs. Since its inception in 1992, the Internet Society has been at the forefront of global Internet education, bringing essential information and training to people throughout the world. Training is essential to the Internet Society’s work. Between 2013 and 2020, we trained more than 100,000 learners worldwide. Our capabilities include ICT, Internet development and growth, infrastructure and connectivity, and capacity building.



Learning @ Internet Society cultivates a global community, empowered through learning opportunities. They are committed to knowledge sharing and advocacy that contribute to building, promoting, and defending a bigger and stronger Internet. Our program builds a global community that is informed and passionate about the shaping and development of the Internet.

Highlights

Courses

We offer moderated online courses, face-to-face (when it is safe to do so) courses, and self-paced courses for the Internet Society community.

These are available in online and offline mode, and in three languages (English, French, and Spanish).

All courses are offered in high-bandwidth, low-bandwidth and text-based versions to accommodate network connectivity issues and are mobile responsive. The text-based version adheres to Web Content Accessibility Guidelines (WCAG) 2.1 Level AA.

Our courses cover topics important to the Internet industry, particularly for growing and strengthening the Internet. By learning with the Internet Society, participants will be able to:

- Enhance employability, entrepreneurship, and career skills in the Internet industry
- Connect the unconnected
- Champion protocols that keep the Internet secure
- Build, promote, and defend the network of networks

Check out our course calendar and learn when courses will be offered during the year.

Internet Society Learning

2023 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	Designing and Deploying Co...
16 January–10 February	16 January–24 February

Learners

Who can take our course?

Everyone. If you would like to learn about the Internet, how it works, and shape its future, our online courses are for you!

Our courses are aimed at people with different experience levels. There are both technical and nontechnical courses in our catalog. Technical courses may have prerequisites—requirements you must meet prior to registration, so please check the prerequisites before registering for a course.

What do you need to take our courses?

To take our courses, learners need:

- Internet connection
- Desktop or laptop with at least 1 gigahertz (GHz) 32-bit (x86), or 64-bit (x64) processor and 1GB or RAM or smartphone with similar characteristics
- A modern web browser (Mozilla Firefox, Google Chrome, Internet Explorer 9 or later, Opera, Apple Safari, etc.) running an operating system supported by VirtualBox (Windows, Ubuntu, Mac OS X, etc.)
- JavaScript and cookies enabled



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.

What the Learners Are Saying About Our Courses:

"I completed the Network Operations 1.0 course successfully and received my certificate. The course material is highly significant and is very well organized. The tutor was extremely interactive and always available to answer our questions. I liked how it was organized with live sessions that assisted in improving the course's content. According to the course tracker, I finished in 59 hours and 36 minutes."

- Athanase Bahizire, 11 November, 2022

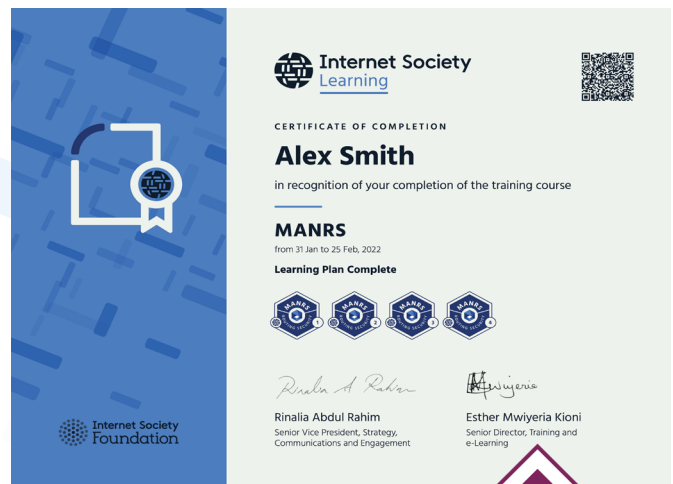
"I had a great experience using the learning platform and will recommend it to anyone looking into gaining a better understanding of NetOps. The sessions were well organized and the live ones provided more guidance. I'm glad it was a hands-on course which always provides a better learning experience."

- Zaid Adam 11 October, 2022

"This is to thank you for the support, guidance and assistance you have provided me throughout the duration of the course. It was well detailed and informative, and the knowledge gained from this program will go a long way to help in my career development."

— Hudson Wainaina, Kenya, 2022

Certificates and Badges



Learners can take our courses and download a digital certificate that is shareable across all the learners' social media platforms. In addition, badges are automatically issued and shared at the end of each completed module.

Registration for the Courses

In 2024, the Learning @ Internet Society courses will be offered in six cycles according to the annual calendar. Learners can enroll in our courses in advance but must confirm their participation one week before the course start date. This will ensure that they are allocated to a cohort and assigned a tutor.

We also offer training to dedicated groups outside the cycles in the calendar. For these groups, we can offer the same course content or custom-made content to suit your duration and content requirements. This includes pre-conference training to better prepare the attendees for an upcoming event.

Please get in touch with us to learn more. Learning@isoc.org

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

What is this course?

This course is for students with a basic understanding of computer hardware and software, and who are already familiar with personal computers. It begins with teaching the fundamentals of networking, Ethernet, as well as Wi-Fi technologies. From the fundamentals, the course moves into the planning, design, and deployment of simple LANs and covers the most common ways to connect a LAN to the Internet (Mobile Internet, ADSL, Fiber) and how to set up the connections. In addition, the course will present the most common maintenance issues as well as how to solve those issues. The course will have theoretical and practical components. **The course will not include the planning, design and deploying of LANs that require other advanced equipment or concepts.**

Course Objectives

- Understand what a network is and how it works
- Have basic knowledge of OSI model, Network Standard organizations, and TCP/IP Protocol suites
- Understand Types of Network Media
- Have basic knowledge of the components that make up a network and differentiate between a LAN, MAN and WAN
- Know the most common components and technologies of LAN (Network devices, Cable, and Wireless)
- Design and install small LAN infrastructure
- Connect the LAN to the Internet using the most common Internet services through mobile, ADSL, and Fiber
- Troubleshoot small LANs and Internet connections and resolve the problems
- Have a basic understanding of how the Internet works (routing, DNS)

Who should attend this course?

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:

- You are interested in planning, designing, and deploying an Ethernet wired network using switches and/or UTP cables
- You want to be able to design and deploy a Wi-Fi network using a Wi-Fi router
- You would like to be able to configure routers to Connect LANs to an ISP
- You want to gain knowledge in troubleshooting LANs

Introduction to Network Operation 1.0

Course is available in English, French, and Spanish.

Approximate duration: 6 weeks (30 hours)

Number of modules: 8



What is this course?

This is an introductory course targeted at novice/entry level UNIX/Linux users pursuing careers in Network or System Administration. This course provides the necessary skills to progress to more advanced topics in the future.

This course is practically oriented and provides step-by-step guidance on how to configure a UNIX/Linux server and then run a Caching Domain Name System (DNS) server in a virtualized environment. The techniques covered in the course are applicable in real-world environments to set up Internet-ready caching DNS servers.

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.
- Learn about the Internet Engineering Task Force (IETF) and the Request for Comments (RFC) process.

Who should attend this course?

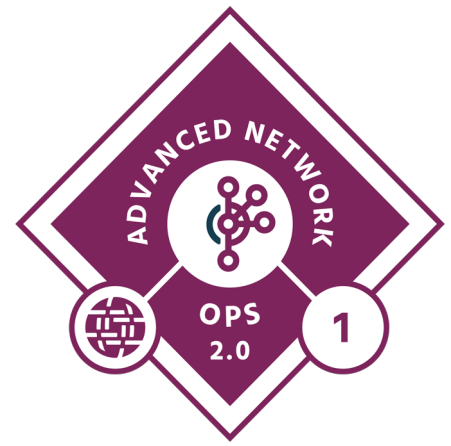
This course does not have prerequisites.

You should attend this course if:

- You are a novice/entry-level network engineer or system administrator interested in learning about UNIX/Linux, networking, and DNS.
- You are an upcoming network engineer or system administrator from a Research Education Network (REN), Network Operator Group (NOG), university, ccTLD registry, or Internet Service Provider (ISP).

Advanced Network Operations 2.0

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



What is this course?

This follows on from the Introduction to Network Operations 1.0 course and aims to build on participants' knowledge of more advanced aspects of core Internet services and new technologies. Topics include advanced DNS and introductions to email, secure web, 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.

Who should attend this course?

Prerequisites:

- This course requires you to have first taken either the Introduction to Network Operations or NetOps 1.0 course
- You need to have a firm understanding of Unix/Linux and basic DNS, as well as caching/resolving DNS servers, networking, and command line Unix

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.

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



What is this course?

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

MANRS comprises four simple but concrete steps that will 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 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 does not have sufficient security controls to prevent the injection of false routing information, including impersonation of networks.

Course Objectives

- Find out what MANRS is and why should you join this initiative.
- Learn the four actions all network operators should implement to improve both the Internet's routing security and their own network's operational efficiency.
- Understand the importance of routing security to the future and stability of the Internet.
- Learn how to prevent routing outages or attacks—such as hijacking, leaks, and spoofing—that can lead to stolen data, lost revenue, reputational damage, and more, all on a global scale.
- Understand the databases and repositories MANRS participants should use to document routing policy and maintain contact information.
- Apply anti-spoofing measures within your network and identify points/devices in the network topology where anti-spoofing measures should be applied. Identify adequate techniques to be used (for example, uRPF, or ACL filtering), configure your devices to prevent IP spoofing, and then verify that the protection works.

Who should attend this course?

This course does not have prerequisites.

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)

Encryption

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



What is this course?

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

Course Objectives

- Describe encryption concepts at a high level, and the benefits encryption offers to us individually and as a society
- Find out why it 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 defending against threats to it
- Discover what actions you can take to advocate for strong encryption in your community and beyond

Who should attend this course?

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 would like to become an encryption supporter and activate a Chapter
- 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

Internet Governance

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



What is this course?

How the Internet is governed is critical. How we manage this precious global resource impacts our economic and social opportunities far into the future.

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

This course provides an overview of Internet governance, touching on key areas such as its history, policy principles, actors and stakeholders, infrastructure, regulatory frameworks, multilingualism, and cybersecurity. The course also discusses and analyzes the multistakeholder model, examines the developmental aspects of Internet governance, and looks at 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
- Understand the Internet ecosystem and discuss the multistakeholder model
- Learn about the various Internet actors and stakeholders involved in the development of the Internet and its governance
- Provide a brief background on the Internet infrastructure, standards, protocols, and systems as a basis to understand Internet governance and cover the main Internet infrastructure and principles on which the Internet operates
- 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
- Learn about the different elements of cybersecurity, from both a policy and a technical perspective
- Explore types of threats, national cybersecurity frameworks, and the role of various international organizations

Who should attend this course?

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 would like to become an encryption supporter and activate a Chapter
- 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

Community Networks Readiness Assessment

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



What is this course?

Community networks help 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 nearly three billion people who are still offline. However, community networks still face many challenges.

To ensure that a community network is as successful and sustainable as possible, we recommend you conduct a readiness assessment before you start.

This training 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 of establishing a community network
- Assess whether a community will benefit from and be able to sustain a community network.

Who should attend this course?

Prerequisites:

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

You should attend this course if you:

- 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
- Learn how to make a community network financially viable and sustainable

Digital Footprints

Course is available in English, French, and Spanish.

Approximate duration: 20 hours

Number of modules: 9



What is this course?

Every day, whether we want to or not, most of us contribute to a growing portrait of who we are online—a portrait that is probably more public than we assume.

This portrait helps companies target content at specific markets and consumers, helps employers look into your background, and helps advertisers track your movements across multiple websites. Whatever you do online, you might be leaving digital footprints behind.

This course gives you an understanding of the different trails that you are leaving on the Internet and how this might affect you. While it is not possible to have zero digital footprints, the first steps toward reducing your digital footprint and managing your digital identity are simple.

Course Objectives

- Understand what a digital footprint is and 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
- Gain an overview of the nuances of what a digital footprint can mean in different parts of the world
- Learn how privacy laws in different parts of the world can impact your digital footprint

Who should attend this course?

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

Privacy

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



What is this course?

Privacy is an important right and an essential enabler of an individual's autonomy, dignity, and freedom of expression. Yet there is no universally agreed-upon definition of privacy. In the online context, however, a common understanding of privacy is the right to determine when, how, and to what extent personal data can be shared with others.

This course gives you an understanding of how, in today's digital age, information gathering is fast, easy, and less expensive than ever. Progress on a variety of technological fronts has contributed to this new world.

Personal data has become a profitable commodity. Every day, users share more personal data online, often unknowingly. The Internet of Things will increase this dramatically. These factors have the potential to expose personal data and create privacy challenges on a greater scale than ever before.

This course provides a solid foundation for encouraging the development and application of privacy frameworks that apply an ethical approach to data collection and handling. These are frameworks that incorporate, among other things, the concepts of fairness, transparency, participation, accountability, and legitimacy.

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 of being undermined
- 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

Who should attend this course?

This course does not have prerequisites.

You should attend this course if:

- You would like to understand what privacy is and its importance
- You want to contribute to the growth and application of privacy frameworks that apply an ethical approach to data collection and handling

Internet Security

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



What is this course?

The Internet Security course, is a four module online course developed by the Internet Society 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. It adopts a collaborative and distributed approach, highlighting the importance of consensus and standards in shaping internet security practices. Unlike enterprise security, which focuses on internal threats such as phishing through controls and employee training, Internet Security shifts the perspective to a broader, communal effort aimed at enhancing the internet's overall security. This involves recognizing that the internet's security deficiencies could potentially compromise others and acknowledges the absence of conventional security measures like mandatory training or centralized configurations. 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

The objective of this course is to provide learners with a complementary perspective on how to protect enterprises and local networks.

In this course, students will:

- Learn what differentiates Internet security, where we are trying to secure a global commonly shared infrastructure on which we transfer and share information, from the more traditional ways of securing one's own assets (enterprise security).
- The course delves into the different mindsets needed when operating on the Internet, i.e., a zero-trust approach to security.
- It provides examples of how Internet communications protocols that we all use on a daily basis are designed and used.
- Students will see detailed examples of how the Internet community is working to secure authentication, public-key infrastructure (PKI), routing (BGP), naming (DNS), web traffic (HTTP), and email.

Who should attend this course?

This course doesn't have any formal prerequisite.

- It is intended for individuals who have a basic understanding of the internet and are familiar with security concepts commonly used in corporate environments.
- The course deals with technical concepts and approaches to Internet Security but doesn't get to the level of a 'howto' - participants should not expect to be able to get hands-on experience.

Internet Society Chapter Management Essentials



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

What is this course?

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

Who should attend this course?

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 to help us create an open, globally connected, secure, and trustworthy Internet for everyone
- 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 at the intersection of technology, policy, and development, and by raising awareness about Internet-related issues

Grant Application Guidance

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



What is this course?

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 Proposal
- Understand the importance of Monitoring, Evaluation, and Learning when designing your Grant Project
- Learn about best practices to strengthen a Grant Project proposal

Who should attend this course?

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

Internet Exchange Point (IXP) 2.0

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



What is this course?

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

Who should attend this course?

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

What the Internet Needs to Exist

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



What is this course?

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

Who should attend this course?

This course does not have prerequisites; it is recommended (but not required) for 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

What the Internet Needs to Thrive

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



What is this course?

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

Who should attend this course?

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

How to Write an Internet Impact Brief - (Toolkit)

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



What is this course?

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

After completing this module, you should be able to:

- 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

Who should attend this course?

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.

On-Demand Training

Is your team in need of specialised knowledge and skills related to the Internet?

Through our **On-Demand Training** institutions, government bodies and various organizations can request any of our moderated catalog courses outside the scheduled course cycles. This offers a unique opportunity for learners from an organization to go through our moderated courses as a group and to benefit from a dedicated tutor during the live sessions.

Our courses cater to a diverse audience, including:

Institutions: Educational institutions, research centers, and training academies aiming to enhance their curriculum with Up-to-date content that has been developed by technical experts in the Internet space. The courses can also be used to enhance academic learning through hands-on practical training.

Government Bodies: Government agencies and regulatory bodies seeking to bolster understanding in the development of policies and regulations that support, grow, and protect the Internet in their countries and across borders.

NGOs, Non-profits & Chapters: Understanding their role in advancing the Internet as an opportunity for all and protecting from the threats that endanger its universal existence.

Corporate Entities: Companies striving to deepen their employees' expertise in network operations, cybersecurity, and encryption protocols for enhanced data protection and network resilience.

With On-Demand Training at Internet Society, you can empower your team with the knowledge and skills needed to navigate today's complex Internet landscape confidently. Enrich your knowledge, empower your team, and drive meaningful impact together with the Internet Society.

For inquiries and course enrollment, please contact us at learning@internetsociety.



Contact Us

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