



Enterprise Computing Solutions - Education Services

## OFERTA FORMATIVA

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### Detalles de contacto

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# IBM Network Protection Advanced Topics

<b>CÓDIGO:</b>	<b>DURACIÓN:</b>	<b>Precio:</b>
IS680G	24 Hours (3 días)	€1,700.00

## Description

Do you need to combat advanced threats? Do you need to protect web applications? This course focuses on advanced configuration and administration of the IBM Network Protection (XGS) appliance. Learn how XGS uses X-Force, PAM, Injection Logic Engine, and other tools to prevent attacks. You also learn how to use APIs to interact with the appliance, implement SNMP, set up a high availability configuration, and migrate policies from the IBM Network IPS appliance to XGS. Troubleshooting techniques are also taught.

## Objetivos

- Describe how IBM X-Force, the Protocol Analysis Module, and eXpress updates can help prevent attacks
- Use the Injection Logic Engine to prevent SQL Injection and cross-site scripting attacks
- Compare how the appliance can address security issues listed in the Open Web Application Security Project (OWASP) Top 10 report
- Describe the phases of an advanced persistent threat attack
- Provide a high-level description of advanced persistent threat attacks that gained media attention
- Describe how the Network Protection appliance can protect against mutated attacks
- Manage the appliance using application programming interfaces (APIs)
- Configure SNMP alerts generated by response objects and system alerts
- Use a variety of processes, files, and tools to troubleshoot the appliance
- Use the appliance in high-availability networks
- Migrate legacy policies from the Network IPS appliance to the Network Protection appliance

## Público

This course is designed for security administrators, security analysts, security technical architects, offense managers, network administrators, professional services using IPS solutions, and IPS administrators.

## Requisitos Previos

Before taking this course, make sure that you have the following skills:

- IT infrastructure
- IT security fundamentals
- Linux
- Windows
- Basic experience with the VMware environment
- TCP/IP networking
- Experience navigating and using the Network Protection local management interface

Before attending this course, you should be proficient in using the Network Protection local management interface or attend IBM Security Network Protection Administration and Configuration (IS671G).

## Programa

Unit 1: Protecting against various attacks  
Unit 2: Protecting web applications using the PAM Injection Logic Engine (ILE)  
Unit 3: Web application protection and the OWASP Top 10 Project  
Unit 4: Combating advanced persistent threat attacks  
Unit 5: Combating mutated attacks  
Unit 6: Using an API to interact with XGS appliances  
Unit 7: Implementing SNMP  
Unit 8: Troubleshooting techniques  
Unit 9: Implementing high availability using XGS  
Unit 10: Migrating IBM Network IPS (GX) policies to IBM Network Protection (XGS)

## **Más información**

Prior to enrolling, IBM Employees must follow their Division/Department processes to obtain approval to attend this public training class. Failure to follow Division/Department approval processes may result in the IBM Employee being personally responsible for the class charges.

GBS practitioners that use the EViTA system for requesting external training should use that same process for this course. Go to the EViTA site to start this process: <http://w3.ibm.com/services/gbs/evita/BCSVTEnr1.nsf>

Once you enroll in a GTP class, you will receive a confirmation letter that should show:

- The current GTP list price

- The 20% discounted price available to IBMers. This is the price you will be invoiced for the class.

## **Fechas Programadas**

A petición. Gracias por contactarnos.

## **Información Adicional**

[Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.](#)