

- Identify the need to secure web services
- List and explain the primary elements and concepts of application security
- Outline the factors that must be considered when designing a web service security solution
- Describe the issues and concerns related to securing web service interactions
- Analyse the security requirements of web services
- Identify the security challenges and threats in a web service application
- Evaluate the tools and technologies available for securing a Java web service
- Secure web services by using application-layer security, transport-layer security and message-layer security
- Describe the concept of identity and the drivers behind identity management solutions
- Explain the role of Sun Java System Access Manager in securing web services
- Secure web services by using Username token profile
- Secure web services by relying on Sun Java System Access Manager

Il corso tratta i seguenti argomenti:

- Encapsulating the Basics of Security
- Examining Web Services Security Threats and Countermeasures
- Securing Java Web Services Using JavaEE
- Introduction to Web Services Security
- Web Services Security with JAX-WS and Project Metro
- Authentication in JAX-WS
- Identity Management and OpenSSO

6.10.9 MySQL and PHP - Developing Dynamic Web Applications

Il corso MySQL and PHP - Developing Dynamic Web Applications spiega come sviluppare applicazioni in PHP e come usare MySQL in modo efficiente per le applicazioni. Con un approccio hands-on, questo corso con istruttore migliorerà le capacità di PHP e di come combinarle con collaudate tecniche di gestione di database per creare applicazioni web best-of-breed che siano efficienti, solide e sicure.

Gli obiettivi del corso sono:

- Design web-based applications
- Design schemas based on MySQL
- Use „include files“ to make code easier to maintain
- Use PHP 5 and take advantage of its advanced features
- Build applications, following a precise flow
- Authenticate users in a secure way against a database
- Handle errors in your PHP applications efficiently and elegantly
- Write composite queries using JOINS and subqueries
- Use indexing in order to manipulate large amounts of data efficiently
- Use JOINS to extract data from multiple tables
- Use GROUP BY clauses and aggregate functions
- Write applications whose components can be scaled to meet increased demand
- Build a complete application that includes authentication and session management
- Understand how PHP, MySQL and the Apache web server work together to deliver dynamic web content

Il corso tratta i seguenti argomenti: