IBM Security zSecure Admin Audit UNIX System Services (USS) Security Overview

Duration: 1 Days   Course Code: TK222G

Overview:

This course describes the security-related aspects of a z/OS UNIX System Services (USS) environment. Learn USS concepts, followed by an overview of the USS-related functions and applications of the IBM Security zSecure Admin and Audit products. Using the zSecure built-in reports and standard interface, you learn how to obtain USS-related information from RACF profiles and review the contents of the USS reports. Audit recommendations and the RACF concerns that are applicable to a z/OS USS environment are described. In addition, you learn about the USS-related resource profiles in the FACILITY and UNIXPRIV classes.

Target Audience:

This intermediate-level course is intended for users that are involved in maintaining USS-related security definitions or auditing the z/OS USS environment. For example, security administrators, compliance officers, system programmers, and auditors.

Objectives:

- Explain the authorization checking process to access a UNIX file or directory

- Create the appropriate RACF definitions to define a z/OS UNIX System Services user ID

- Describe the audit options for z/OS UNIX System Services

- Set up permissions to control access to a file or directory

- List and maintain extended access control list (ACL) entries

- List and maintain the audit settings for a file or directory

Prerequisites:

You should have the following skills:

- Basic knowledge of and experience with RACF
- Familiarity with the IBM Security zSecure Admin or Audit ISPF panel interface

Content:

Chapter 1: z/OS UNIX System Services (USS) security concepts

- Explain z/OS USS identification and authentication
- Use the hierarchical file system (HFS) and z/OS file system (zFS)
- Secure USS daemons and servers

Chapter 2: Protect files and directories

- List the fields in the file security packet (FSP)
- Interpret and modify file access rights and extended attributes
- Secure USS files with extended access control lists (ACLs)

Chapter 3: Reporting and auditing in a USS environment

- Generate extended program attributes reports
- Explain HFS and zFS auditing concepts
- Use the USS-related RACF profiles
- Avoid common HFS and zFS auditing RACF pitfalls
- Generate reports about trust reasons in USS
- Audit daemons and servers
- Generate reports about USS-related SMF records

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

info@globalknowledge.co.uk

www.globalknowledge.co.uk

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK