Ducara Info Solutions (P) Ltd.

D|CIAM

Ducara Certified Identity Access Manager

www.ducarainfo.com

WHY D|CIAM?

- **Identity and Access Management** is basically the set of business processes, information and technology for managing and using digital identities.

- Identity and Access Management includes the people, processes, and technology required to provide secure and auditable access to systems and applications.

- Controlling access to resources is a vital element of any information security program.

- Controlling who can access what and when helps protect information assets and company resources from unauthorized modification and disclosure.

What is the Objective?

Outcome Of this Course

- The main objective of this course is to identity and access management objectives to ensure that legitimate parties have the right access to the right resources at the right time while keeping illegitimate parties out of systems.

- Many parties which may include employees, contractors, vendors, customers, and even devices need access to systems and as such require the establishment of their identities and assigned access right during the on-boarding process.

Target Audience

Who earns D|CIAM?

- Identity and Access Manager
- Vulnerability Assessors
- Security Auditors
- Compliance Professionals
- Penetration Testers
- Vulnerability Program Managers

- Security Analysts
- Security Architects
- Senior Security Engineers
- Technical Security Managers
- System Administrators

Duration: 24Hrs

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Course Outline

Topics Covered in Course

Module	Topics	Module	Topics
1	Foundation Topics	6	Managing the Identity and Access Provisioning Life Cycle
2	Identification, Authentication, Authorization, and Accountability	7	Controlling Physical and Logical Access
3	Integrating Identity-as-a-Service	8	Access Control Practices
4	Access Control Mechanisms	9	Access Control Monitoring
5	Access Control Techniques and Technologies	10	Threats to Access Control

Module 2

- **Identification** and Authentication
- **Authentication** Methods
- **Authorization**
- **Accountability**
- **Session** Management
- **Federation**

Module 1

- **Access** Control Process
- **Security Principles:**
- Availability
- Integrity
- Confidentiality

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Module 4

- **Discretionary** Access Control
- **Mandatory** Access Control
- **Role-Based** Access Control
- **Rule-Based** Access Control
- **Attribute**-Based Access Control

Module 3

- **On**-premise
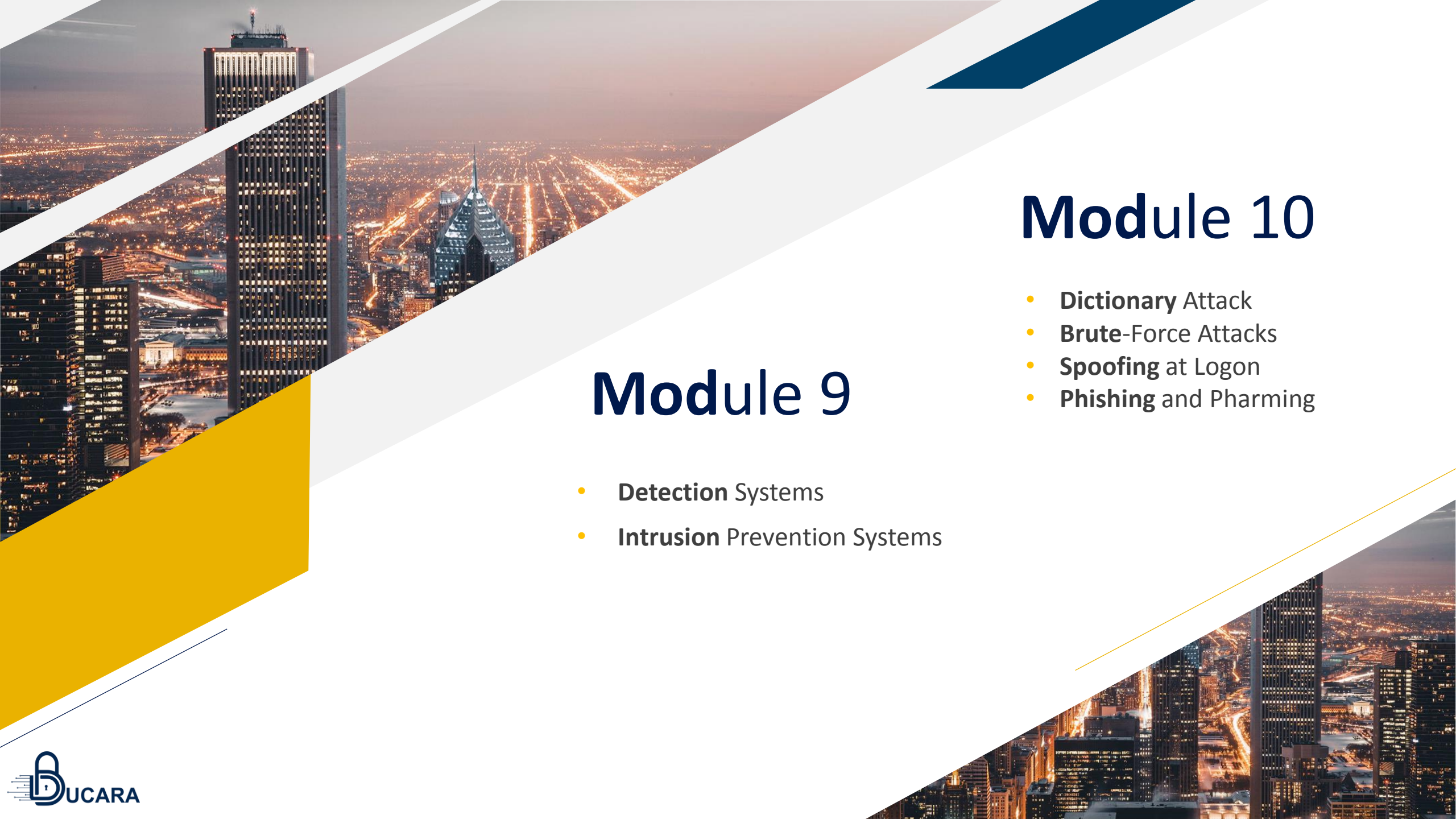- **Cloud**
- **Integration** Issues

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Module 8

- **Unauthorized** Disclosure of Information

Module 7

- **Access** Control Layers
- **Administrative** Controls
- **Physical** Controls
- **Technical** Controls

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Module 10

- **Dictionary** Attack
- **Brute**-Force Attacks
- **Spoofing** at Logon
- **Phishing** and Pharming

Module 9

- **Detection** Systems
- **Intrusion** Prevention Systems

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Any Query?

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The Technology is changing every day and we at Ducara are committed to demonstrating values. Embracing a digital transformation strategy which drive returns on IT security investment.