KOENIG SOLUTIONS · COURSE OUTLINE

IT DR & BCM: ISO 22301 & RTO/RPO Planning

Learn to plan, design and test IT disaster recovery within a business continuity framework using the BCI lifecycle and ISO 22301.

5 Days	21	5
DURATION	TOPICS	HANDS-ON ACTIVITIES

COURSE OVERVIEW

This 5-day course equips IT professionals and functional leaders with a comprehensive approach to Disaster Recovery (DR) through the lens of Business Continuity (BC), using the BCI lifecycle.

WHO THIS COURSE IS FOR

- **IT professionals responsible for resilience and recovery**
- **Project managers in tech environments**
- **Functional leaders collaborating with IT on BCM**

LEARNING OBJECTIVES

By the end of this course, participants will:

- Apply the BCI lifecycle to disaster recovery and crisis planning
- Conduct a risk-informed Business Impact Analysis with IT asset focus
- Design DR strategies involving backup, cloud, systems, and applications
- Integrate DR testing, auditing, and improvement cycles
- Manage communications and decision-making during crises
- Collaborate across business and IT teams in continuity planning

TRAINING APPROACH

Each day corresponds to one BCI Lifecycle Phase with an embedded IT DR focus. The course uses gamification including Crisis Simulation Scenarios (teams respond to real-time disaster events with DR/BC strategies under pressure), a Tech Translator Challenge (participants simplify complex IT concepts for non-technical stakeholders), Command Roleplay (Gold/Silver/Bronze rotating leadership roles during crisis simulations), a Leaderboard & Badges system (points awarded daily with visible rankings and titles like 'BCM Champion' or 'DR Strategist'), and a Case Study Design Battle (final team challenge to create and defend a full DR/BC plan for a complex business case).

COURSE SYLLABUS

21 Topics

DAY 1 Policy & Program - Foundations of BCM & IT DR

TOPICS

Simulation

- What is BC, DR, Crisis? Differences and links
- The BCI Lifecycle + ISO 22301
- Governance structure for BCM
- Setting DR policy across IT systems (roles, tiers, ownership)
- **IT Angle:** Define system tiers (Tier 1-3), DR policies per system type

DAY 2 BIA - Impact, Dependencies & IT Systems

TOPICS

Workshop

- Business Impact Analysis methodology (MTPD, RTO, RPO)
- Asset prioritization (critical apps, infra, data, people)
- **Mapping dependencies:** upstream & downstream
- **IT Angle:** How to calculate RTO/RPO per system (database vs cloud vs mobile)

DAY 3 Strategy - DR Solutions Design & Crisis Planning

TOPICS

Activity

- **Strategy options:** work-area recovery, cloud failover, split-site
- **DR plans by function:** storage, apps, networks, people
- Crisis communication principles (inside IT, outside org)
- **IT Angle:** Match DR tech (RAID, VM snapshots, DRaaS) to business strategy

DAY 4 Response Structures - Crisis Teams, Plans, and Exercises

TOPICS

Scenario

- Gold/Silver/Bronze command structure
- DR Plans & Crisis Playbooks
- **Exercise types:** tabletop, simulation, full-scale
- **IT Angle:** DR testing checklist (backup verification, failover, restore validation)

DAY 5 Maintenance & Audit - Sustaining DR Performance

TOPICS

Final Challenge

- Continuous improvement in BCM/DR
- DR audits and compliance (ISO, NIST, regulators)
- **Documentation essentials:** Logs, SOPs, contact trees
- **IT Angle:** Audit sample - Is your DR plan technically sound?

HANDS-ON ACTIVITIES

Practise What You Learn

MODULE	ACTIVITY
Policy & Program - Foundations of BCM & IT DR	**Simulation:** Draft your DR Policy & Escalation Chart
BIA - Impact, Dependencies & IT Systems	**Workshop:** Create BIA matrix for a hybrid IT company
Strategy - DR Solutions Design & Crisis Planning	**Activity:** Design a DR response to a ransomware attack
Response Structures - Crisis Teams, Plans, and Exercises	**Scenario:** Earthquake strikes - activate crisis team, run comms, simulate failover
Maintenance & Audit - Sustaining DR Performance	**Final Challenge:** Deliver a DR walkthrough (team-based)

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training | Live Online Classes (ILO) | Fly-Me-A-Trainer (FMAT) | Flexi (Self-Paced) | 1-on-1 Training

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