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Milestone Certified Design Engineer (MCDE) Assessment

STUDY GUIDE v3.1

Contents

Assessment Overview

A **Milestone Certified Design Engineer (MCDE)** should have the ability to design surveillance solutions to meet customers' needs. For Milestone certification, you must pass an MCDE assessment. Completing the **instructor-led Milestone Solution Design class** is not necessary, but it will help you prepare to pass the MCDE certification.

The MCDE assessment includes questions about the following topics and objectives:

1 - Technical and Video Surveillance Basics
- Be familiar with server hardware, storage types, networking concepts, and Windows software.
- Recognize VMS system hardware and software elements, camera placement, and layout options.

Study Resources
- Computer Hardware and Networks
- Storage Types
- Windows Software

2 - Solution Design Site Survey
- Ask pertinent questions to determine installation purpose and camera and server requirements.
- Gather clients' pain points and surveillance objectives to help develop a winning bid.

Study Resources
- Industry Site Survey Questions

3 - Milestone System Architecture
- Identify key components of Milestone architecture.
- Connect architecture to their system responsibility.

Study Resources
- Exploring XProtect VMS System Architecture eLearning
- Milestone Architecture Guide

4 - XProtect Products and Extensions
- Recognize XProtect products and Extensions.
- Connect XProtect products and extensions to a client's specific solution design needs.

Study Resources
- Communicating Milestone Value eLearning courses
- Milestone Products
- Milestone Extensions

5 - Milestone Design Features
- Identify common Milestone Installation design types.
- Select the correct Milestone installation type based on a client's surveillance objectives.

Study Resources
- ➢ Designing XProtect VMS eLearning
- ➢ Milestone VMS Design Guide

6 - Smart Client Workstations
- Recognize key workstation specifications.
- Recommend workstations based on key requirements.

Study Resources
- ➢ XProtect Smart Client Guide

7 - Milestone Licensing and Care
- Identify Milestone licensing and care options.
- Recommend Milestone licensing and care to clients based on their requirements.

Study Resources
- ➢ Milestone Licensing Guide
- ➢ Milestone Care Guide

8 - Cybersecurity and IT Best Practices
- Identify common cybersecurity issues within the design space.
- Recommend hardening practices to ensure a client's systems are safe.

Study Resources
- ➢ Milestone System Hardening Guide
- ➢ Surveillance Best Practices

9 - Milestone Partner Tools and Resources
- Identify Milestone design-related partner resources.
- Use the Milestone Solution Designer to create a client proposal.
- Utilize Milestone resources to help create a winning bid.

Study Resources
- ➢ Access and review online Milestone partner resources.
    - o If you need access, ask your Milestone account manager for access.

You are allowed to access any of these resources during the test. However, you have only two hours to complete the test, so it is recommended that you become familiar with the assessment topics and objectives before taking the assessment.

Milestone Solution Design Class

Completing the **instructor-led Milestone Solution Design class** helps you prepare to pass **MCDE certification**.

Access upcoming Milestone Solution Design training classes by following the link:

Upcoming Classes

To locate your class on the Upcoming Classes webpage:

- In the Course drop-down list, select **Milestone Solution Design**.
- In the Language drop-down list, select **your desired language**.
- In the Country drop-down list, select **your desired country**.

eLearning

Completing **eLearning courses specific to the Design Engineer** role will also increase your knowledge and ability to complete the **MCDE certification**.

To get started:
1. On Milestone Learning, access the Design Engineer Learning Path webpage.
2. Select **Begin Course** at the bottom right corner of the course information box to start and complete a course.

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