

## **AVEVA System Platform Certified Exam Prep Course**

### **Introduction:**

This course is designed to thoroughly prepare candidates for the AVEVA System Platform Certification exam. It covers all essential aspects of the AVEVA System Platform, ensuring that participants have a robust understanding of its architecture, configuration, deployment, and maintenance. Through a detailed exploration of its components and functionalities, learners will gain the necessary skills and knowledge to confidently tackle the certification exam and excel in real-world applications.

### **Module 1: Understanding AVEVA System Platform Overview**

- Introduction to AVEVA System Platform: Understand the purpose and capabilities of the AVEVA System Platform, including its role in industrial automation and control.
- System Architecture and Components: Explore the architecture of the System Platform and identify its core components, such as the Application Server, Galaxy Repository, and Object Viewer.

### **Module 2: Installation and Configuration**

- Prerequisites and Installation Steps: Learn about the hardware and software requirements and perform a step-by-step installation of the AVEVA System Platform.
- Initial Configuration and Galaxy Creation: Understand how to configure the initial settings and create a new Galaxy within the System Platform environment.

### **Module 3: Application Server and Object Management**

- Application Server Configuration: Discover how to configure and manage the Application Server for optimal performance and reliability.
- Working with Objects: Delve into the creation, deployment, and management of objects within the System Platform to facilitate efficient data handling.

### **Module 4: Visualization with InTouch HMI**

- InTouch HMI Integration: Learn how to integrate InTouch HMI with the System Platform to create effective and interactive visualization solutions.

- Designing and Deploying HMI Applications: Get hands-on experience in designing user-friendly HMI applications and deploying them within the System Platform.

## **Module 5: Alarms and Events Management**

- Alarm Configuration and Management: Understand the concepts of alarm management, including configuration, notification, and monitoring within the System Platform.
- Event Handling and Analysis: Explore how to effectively handle and analyze events to improve system responsiveness and reliability.

## **Module 6: Historian Integration and Data Management**

- Integrating Historian with System Platform: Learn the process of integrating AVEVA Historian with the System Platform for comprehensive data storage and retrieval.
- Data Management and Analysis: Understand how to manage and analyze historical data to derive actionable insights and optimize system performance.

## **Module 7: Security and User Management**

- Security Configuration: Explore the security features of the System Platform and learn how to configure robust security settings to protect your system.
- User and Role Management: Understand the principles of user and role management to ensure proper access control and system integrity.

## **Module 8: Troubleshooting and Maintenance**

- Troubleshooting Techniques: Acquire the skills to identify and resolve common issues within the AVEVA System Platform environment.
- System Maintenance Best Practices: Learn about the best practices for maintaining and updating the System Platform to ensure its longevity and efficiency.

## **Module 9: Exam Preparation and Practice**

- Review of Key Concepts: Reinforce your understanding of key concepts and essential topics covered throughout the course.
- Practice Exam and Strategies: Engage in practice exams and develop strategies for effectively approaching and passing the AVEVA System Platform Certification exam.

## **Conclusion:**

Upon completing this course, participants will be well-equipped with the knowledge and skills needed to successfully pass the AVEVA System Platform Certification exam. The

comprehensive coverage of topics ensures that learners are prepared for both theoretical questions and practical scenarios they may encounter in their professional roles.

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