Blue Prism® Technical Architect

Course Data Sheet

The Blue Prism Technical Architect Training is a targeted, hands-on training program designed for professionals who need to plan, design, and maintain secure, enterprise-grade Blue Prism Intelligent Automation (IA) implementations. This course covers infrastructure requirements, data security, platform architecture, maintenance, and troubleshooting.
Upon completion, participants will possess the competencies needed to design high availability and resilient Blue Prism solutions that meet evolving business and compliance demands.

Objectives

At the end of this course, you will be able to:

- **Understand the Technical Architect Role**
  Gain clarity on the responsibilities, skill sets, and deliverables expected of a Blue Prism Technical Architect.
- **Plan & Design Blue Prism Infrastructure**
  Develop end-to-end architecture plans, including hardware and software requirements, security considerations, and resilience strategies. Understand the latest features and capabilities in Blue Prism version 7 and above.
- **Implement Best Practices for Configuration & Deployment**
  Apply recommended upgrades/configurations to optimize performance, scalability, and manageability.
- **Ensure Security & Compliance**
  Integrate secure design principles, user governance, and data protection measures within the Blue Prism environment.
- **Troubleshoot & Optimize**
  Identify common architectural challenges, diagnose connectivity or performance issues, and implement effective solutions.

Modules

This course contains the following modules:

- **Module 1: Role of the Technical Architect**
  - Core responsibilities and career pathways
  - Translating business requirements into architectural designs
  - Overview of Blue Prism Technical Architect certification objectives

- **Module 2: Infrastructure & Environment Considerations**
  - **Green Field Infrastructure:** Building new IA environments for scalability and security
  - **Blue Prism Portfolio:** Explore and leverage new capabilities and solutions in the Blue Prism portfolio
  - **Technology Evaluation:** Assessing architectural options for business needs
  - **High Availability & Resilience:** Redundancy, failover, and load balancing
  - **Environment Configuration:** Determining the number and types of environments (DEV, TEST, PROD)
  - **Digital Workforce Sizing:** Positioning Blue Prism runtimes for current and future demand

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- **Module 3: Security & Governance**
  - **Data Security & Encryption**: Threat models, encryption strategies, and regulatory compliance
  - **User & Access Management**: Native logins, Active Directory, Authorization, policy-based controls
  - **Maintenance Strategies**: Governance of infrastructure and data to align with corporate policies

- **Module 4: Best Practices for Deployment & Configuration**
  - **Auditing:** Establishing standards and processes for monitoring and forensic analysis
  - **Logging:** Implementing structured logging mechanisms for operational insights and traceability
  - **Reporting & Analytics:** Leveraging analytics to generate reports and derive actionable insights
  - **Upgrade & Governance:** Strategizing upgrades and managing changes

- **Module 5: Troubleshooting & Advanced Architecture Topics**
  - **Database Maintenance:** Planning tasks for performance and integrity
  - **Environment Reviews & Change Management:** Optimizing and expanding IA environments
  - **Advanced Troubleshooting:** Resolving infrastructure-level issues using diagnostics and advanced

Course Details

Target audience:

- Technical/Solution Architects / Install Engineers transitioning into IA or expanding IA domain expertise
- Senior Developers / IT Infrastructure Professionals managing or designing Blue Prism environments

Level:
Advanced

Prerequisites:

- Familiarity with Blue Prism IA capabilities; practical experience with Blue Prism process development and deployment is recommended but not mandatory.
- Familiarity with general IT infrastructure (servers, networks, databases, security).

Modality:
ILT/vILT

Duration:
4 days (Instructor Led Training)

Certification:
An optional certification exam is available to anyone who has completed the Technical Architect course.

Interested? Click this link to Contact Us for further information.