

AI+ Program Director Practitioner

Category: AI, Data & Analytics | **Vendor:** AI Certs

Duration: 5.00 hours (1 days)

4.1 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Delivery Format:	vILT
Certification:	AI+ Program Director Practitioner
Related Exam:	AI-PDP

Course Overview

Designed for experienced cloud professionals, this Advanced Architecting on AWS course elevates your skills beyond the fundamentals. Learn to build complex, scalable, and secure AWS solutions by integrating advanced data services, robust governance, and hybrid architectures with services like AWS Direct Connect. This training guides you through the best practices for designing elastic and highly available applications, preparing you to tackle enterprise-level cloud challenges.

About This Course

Designed for experienced cloud professionals, this Advanced Architecting on AWS course elevates your skills beyond the fundamentals. Learn to build complex, scalable, and secure AWS solutions by integrating advanced data services, robust governance, and hybrid architectures with services like AWS Direct Connect. This training guides you through the best practices for designing elastic and highly available applications, preparing you to tackle enterprise-level cloud challenges.

Prerequisites & Entry Requirements

General Prerequisites:

Achieved AWS Certified Solutions Architect - Associate, Experience in designing scalable and elastic applications on the AWS platform, Architecting on AWS

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to:

- Apply the principles of the AWS Well-Architected Framework to complex cloud architectures.
- Manage a multi-account AWS environment for your organization, including consolidated billing strategies.
- Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway.
- Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud.
- Design large-scale, durable, and cost-effective data stores for cloud-native applications.
- Implement advanced architectural patterns for scaling large websites and enterprise applications.
- Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks.
- Secure your critical data by designing and implementing encryption strategies for data at rest and in transit.
- Optimize and enhance the performance of your cloud solutions using advanced AWS services.
- Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements.

., Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to:

- Apply the principles of the AWS Well-Architected Framework to complex cloud architectures.
- Manage a multi-account AWS environment for your organization, including consolidated billing strategies.
- Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway.
- Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud.
- Design large-scale, durable, and cost-effective data stores for cloud-native applications.
- Implement advanced architectural patterns for scaling large websites and enterprise applications.
- Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks.
- Secure your critical data by designing and implementing encryption strategies for data at rest and in transit.
- Optimize and enhance the performance of your cloud solutions using advanced AWS services.
- Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements.

., Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to:

- Apply the principles of the AWS Well-Architected Framework to complex cloud architectures.
- Manage a multi-account AWS environment for your organization, including consolidated billing strategies.
- Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway.
- Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud.
- Design large-scale, durable, and cost-effective data stores for cloud-native applications.
- Implement advanced architectural

patterns for scaling large websites and enterprise applications. Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks. Secure your critical data by designing and implementing encryption strategies for data at rest and in transit. Optimize and enhance the performance of your cloud solutions using advanced AWS services. Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements., Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to: Apply the principles of the AWS Well-Architected Framework to complex cloud architectures. Manage a multi-account AWS environment for your organization, including consolidated billing strategies. Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway. Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud. Design large-scale, durable, and cost-effective data stores for cloud-native applications. Implement advanced architectural patterns for scaling large websites and enterprise applications. Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks. Secure your critical data by designing and implementing encryption strategies for data at rest and in transit. Optimize and enhance the performance of your cloud solutions using advanced AWS services. Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements., Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to: Apply the principles of the AWS Well-Architected Framework to complex cloud architectures. Manage a multi-account AWS environment for your organization, including consolidated billing strategies. Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway. Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud. Design large-scale, durable, and cost-effective data stores for cloud-native applications. Implement advanced architectural patterns for scaling large websites and enterprise applications. Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks. Secure your critical data by designing and implementing encryption strategies for data at rest and in transit. Optimize and enhance the performance of your cloud solutions using advanced AWS services. Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements., Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to: Apply the principles of the AWS Well-Architected Framework to complex cloud architectures. Manage a multi-account AWS environment for your organization, including consolidated billing strategies. Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway. Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud. Design large-scale, durable,

and cost-effective data stores for cloud-native applications. Implement advanced architectural patterns for scaling large websites and enterprise applications. Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks. Secure your critical data by designing and implementing encryption strategies for data at rest and in transit. Optimize and enhance the performance of your cloud solutions using advanced AWS services. Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements.,

Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to:

- Apply the principles of the AWS Well-Architected Framework to complex cloud architectures.
- Manage a multi-account AWS environment for your organization, including consolidated billing strategies.
- Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway.
- Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud.
- Design large-scale, durable, and cost-effective data stores for cloud-native applications.
- Implement advanced architectural patterns for scaling large websites and enterprise applications.
- Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks.
- Secure your critical data by designing and implementing encryption strategies for data at rest and in transit.
- Optimize and enhance the performance of your cloud solutions using advanced AWS services.
- Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements.

., Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to:

- Apply the principles of the AWS Well-Architected Framework to complex cloud architectures.
- Manage a multi-account AWS environment for your organization, including consolidated billing strategies.
- Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway.
- Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud.
- Design large-scale, durable, and cost-effective data stores for cloud-native applications.
- Implement advanced architectural patterns for scaling large websites and enterprise applications.
- Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks.
- Secure your critical data by designing and implementing encryption strategies for data at rest and in transit.
- Optimize and enhance the performance of your cloud solutions using advanced AWS services.
- Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements.

., Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to:

- Apply the principles of the AWS Well-Architected Framework to complex cloud architectures.
- Manage a multi-account AWS environment for your organization, including consolidated billing strategies.
- Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway.
- Architect solutions for migrating

large volumes of data from on-premises environments to the AWS Cloud. Design large-scale, durable, and cost-effective data stores for cloud-native applications. Implement advanced architectural patterns for scaling large websites and enterprise applications. Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks. Secure your critical data by designing and implementing encryption strategies for data at rest and in transit. Optimize and enhance the performance of your cloud solutions using advanced AWS services. Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements.,

Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to:

- Apply the principles of the AWS Well-Architected Framework to complex cloud architectures.
- Manage a multi-account AWS environment for your organization, including consolidated billing strategies.
- Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway.
- Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud.
- Design large-scale, durable, and cost-effective data stores for cloud-native applications.
- Implement advanced architectural patterns for scaling large websites and enterprise applications.
- Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks.
- Secure your critical data by designing and implementing encryption strategies for data at rest and in transit.
- Optimize and enhance the performance of your cloud solutions using advanced AWS services.
- Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements.

.,

Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to:

- Apply the principles of the AWS Well-Architected Framework to complex cloud architectures.
- Manage a multi-account AWS environment for your organization, including consolidated billing strategies.
- Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway.
- Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud.
- Design large-scale, durable, and cost-effective data stores for cloud-native applications.
- Implement advanced architectural patterns for scaling large websites and enterprise applications.
- Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks.
- Secure your critical data by designing and implementing encryption strategies for data at rest and in transit.
- Optimize and enhance the performance of your cloud solutions using advanced AWS services.
- Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements.

.,

Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to:

- Apply the principles of the AWS Well-Architected Framework to complex cloud architectures.
- Manage a multi-account AWS environment for your organization, including consolidated billing strategies.
- Design and implement hybrid connectivity between on-premises data centers and

the AWS Cloud using AWS Direct Connect and AWS Storage Gateway. Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud. Design large-scale, durable, and cost-effective data stores for cloud-native applications. Implement advanced architectural patterns for scaling large websites and enterprise applications. Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks. Secure your critical data by designing and implementing encryption strategies for data at rest and in transit. Optimize and enhance the performance of your cloud solutions using advanced AWS services. Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements.,

Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to:

- Apply the principles of the AWS Well-Architected Framework to complex cloud architectures.
- Manage a multi-account AWS environment for your organization, including consolidated billing strategies.
- Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway.
- Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud.
- Design large-scale, durable, and cost-effective data stores for cloud-native applications.
- Implement advanced architectural patterns for scaling large websites and enterprise applications.
- Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks.
- Secure your critical data by designing and implementing encryption strategies for data at rest and in transit.
- Optimize and enhance the performance of your cloud solutions using advanced AWS services.
- Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements.

.,

Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to:

- Apply the principles of the AWS Well-Architected Framework to complex cloud architectures.
- Manage a multi-account AWS environment for your organization, including consolidated billing strategies.
- Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway.
- Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud.
- Design large-scale, durable, and cost-effective data stores for cloud-native applications.
- Implement advanced architectural patterns for scaling large websites and enterprise applications.
- Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks.
- Secure your critical data by designing and implementing encryption strategies for data at rest and in transit.
- Optimize and enhance the performance of your cloud solutions using advanced AWS services.
- Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements.

.,

Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to:

- Apply the principles of the AWS Well-Architected Framework to complex cloud architectures.
- Manage a multi-account AWS environment for your organization, including consolidated

billing strategies.Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway.Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud.Design large-scale, durable, and cost-effective data stores for cloud-native applications.Implement advanced architectural patterns for scaling large websites and enterprise applications.Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks.Secure your critical data by designing and implementing encryption strategies for data at rest and in transit.Optimize and enhance the performance of your cloud solutions using advanced AWS services.Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements., Advanced Architecting on AWS Course Objectives:Upon successful completion of this Advanced Architecting on AWS course, you will be able to:Apply the principles of the AWS Well-Architected Framework to complex cloud architectures.Manage a multi-account AWS environment for your organization, including consolidated billing strategies.Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway.Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud.Design large-scale, durable, and cost-effective data stores for cloud-native applications.Implement advanced architectural patterns for scaling large websites and enterprise applications.Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks.Secure your critical data by designing and implementing encryption strategies for data at rest and in transit.Optimize and enhance the performance of your cloud solutions using advanced AWS services.Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements., Advanced Architecting on AWS Course Objectives:Upon successful completion of this Advanced Architecting on AWS course, you will be able to:Apply the principles of the AWS Well-Architected Framework to complex cloud architectures.Manage a multi-account AWS environment for your organization, including consolidated billing strategies.Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway.Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud.Design large-scale, durable, and cost-effective data stores for cloud-native applications.Implement advanced architectural patterns for scaling large websites and enterprise applications.Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks.Secure your critical data by designing and implementing encryption strategies for data at rest and in transit.Optimize and enhance the performance of your cloud solutions using advanced AWS services.Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements., Advanced Architecting on AWS Course Objectives:Upon successful completion of this Advanced Architecting on AWS course, you will be able to:Apply the principles of the AWS Well-Architected Framework to complex cloud

architectures. Manage a multi-account AWS environment for your organization, including consolidated billing strategies. Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway. Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud. Design large-scale, durable, and cost-effective data stores for cloud-native applications. Implement advanced architectural patterns for scaling large websites and enterprise applications. Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks. Secure your critical data by designing and implementing encryption strategies for data at rest and in transit. Optimize and enhance the performance of your cloud solutions using advanced AWS services. Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements.

., Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to: Apply the principles of the AWS Well-Architected Framework to complex cloud architectures. Manage a multi-account AWS environment for your organization, including consolidated billing strategies. Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway. Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud. Design large-scale, durable, and cost-effective data stores for cloud-native applications. Implement advanced architectural patterns for scaling large websites and enterprise applications. Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks. Secure your critical data by designing and implementing encryption strategies for data at rest and in transit. Optimize and enhance the performance of your cloud solutions using advanced AWS services. Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements.

., Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course, you will be able to: Apply the principles of the AWS Well-Architected Framework to complex cloud architectures. Manage a multi-account AWS environment for your organization, including consolidated billing strategies. Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway. Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud. Design large-scale, durable, and cost-effective data stores for cloud-native applications. Implement advanced architectural patterns for scaling large websites and enterprise applications. Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks. Secure your critical data by designing and implementing encryption strategies for data at rest and in transit. Optimize and enhance the performance of your cloud solutions using advanced AWS services. Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements.

., Advanced Architecting on AWS Course Objectives: Upon successful completion of this Advanced Architecting on AWS course,

you will be able to:Apply the principles of the AWS Well-Architected Framework to complex cloud architectures.Manage a multi-account AWS environment for your organization, including consolidated billing strategies.Design and implement hybrid connectivity between on-premises data centers and the AWS Cloud using AWS Direct Connect and AWS Storage Gateway.Architect solutions for migrating large volumes of data from on-premises environments to the AWS Cloud.Design large-scale, durable, and cost-effective data stores for cloud-native applications.Implement advanced architectural patterns for scaling large websites and enterprise applications.Protect your AWS infrastructure from complex threats like Distributed Denial of Service (DDoS) attacks.Secure your critical data by designing and implementing encryption strategies for data at rest and in transit.Optimize and enhance the performance of your cloud solutions using advanced AWS services.Select and justify the most appropriate AWS deployment mechanisms based on technical and business requirements.

Detailed Course Outline

Deployment Management on AWS, Deployment Management on AWS, Deployment Management on AWS, Data, Data, Data, AWS Account Management, AWS Account Management, AWS Account Management, Advanced Network Architectures, Advanced Network Architectures, Advanced Network Architectures, Encryption and data security, Encryption and data security, Encryption and data security, Building resilient architectures, Building resilient architectures, Building resilient architectures, Designing for large scale applications, Designing for large scale applications, Designing for large scale applications

Certification Path

AI+ Program Director Practitioner

Exam: AI-PDP

Frequently Asked Questions

Q: What delivery options are available for AI+ Program Director Practitioner?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
 - Traditional Instructor-Led Classroom Training (ILT)
 - On-site delivery at your offices anywhere in United Kingdom
 - Private dedicated courses customized for your team
-

Q: What certification does this course prepare me for?

The AI+ Program Director Practitioner course helps prepare you for the AI+ Program Director Practitioner certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the AI-PDP official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day AI+ Program Director Practitioner course provides up to 4.1 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the AI+ Program Director Practitioner training?

The training takes place over 1 day(s), with each day lasting approximately 5.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for AI+ Program Director Practitioner?

Yes, we provide corporate training, dedicated training, and closed classes for AI+ Program Director Practitioner. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: AI+ Program Director Practitioner, AI Certs, vILT

Q: Why choose Nexus Human for AI+ Program Director Practitioner?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPALS** when booking your AI+ Program Director Practitioner training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

 Email: info@nexushuman.com

 Website: www.nexushuman.com

 Phone: +353 1 XXX XXXX (Ireland) | +44 20 XXXX XXXX (UK)