

INFOSOFT IT SOLUTIONS

Training | Projects | Placements

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AZURE MEDIA SERVICES

Introduction to Azure Media Services

1. Overview of Azure Media Services
2. Key Features and Components
3. Use Cases and Applications

Setting Up Azure Media Services

1. Creating an Azure Media Services Account
2. Managing Media Services Resources
3. Azure Media Services SDK and APIs

Media Processing and Encoding

1. Media Processing Workflows
2. Encoding Techniques and Presets
3. Dynamic Packaging and Streaming Protocols

Content Protection and DRM

1. Overview of Content Protection
2. Azure Media Services DRM Integration
3. Azure Media Services Encryption

Live Streaming with Azure Media Services

1. Setting Up Live Streaming Events
2. Live Encoding and Packaging
3. Live Streaming with Azure Media Player

Video Analytics and AI Integration

1. Video Indexing and Search
2. Using Azure Cognitive Services with Media Services
3. Implementing AI-driven Media Workflows

Media Delivery and CDN Integration

1. Implementing Content Delivery Networks (CDNs)
2. Azure CDN Integration with Azure Media Services
3. Scaling Media Delivery

Monitoring and Analytics

1. Monitoring Media Services Performance
2. Using Azure Monitor for Media Services
3. Analytics and Reporting

Transcoding and Adaptive Streaming

1. Adaptive Bitrate Streaming
2. Transcoding Techniques and Best Practices
3. Multi-bitrate Streaming Configurations

Integration with Azure Services

1. Integrating with Azure Storage and Blob Storage
2. Using Azure Functions with Media Services
3. Azure Logic Apps Integration for Media Workflows

Security and Compliance

1. Role-Based Access Control (RBAC) for Media Services
2. Compliance and Governance Best Practices
3. Secure Media Delivery and Access Control

Advanced Topics and Case Studies

1. Advanced Media Processing Techniques
2. Real-world Use Cases and Case Studies
3. Media Services Migration Strategies