

Day 1: Introduction to Dynatrace

Session 1: Introduction to Monitoring with Dynatrace

- Overview of monitoring challenges
- Introduction to Dynatrace as a monitoring solution
- Key features and benefits of Dynatrace

Session 2: Installation and Setup

- Installing Dynatrace agents
- Setting up monitoring for different environments
- Configuration best practices

Session 3: Basics of Monitoring with Dynatrace

- Understanding application and infrastructure monitoring
- Exploring user experience monitoring
- Configuring basic monitoring settings

Session 4: Alerts and Notifications

- Configuring alerts based on performance thresholds
- Notification channels and escalation policies
- Best practices for alerting in Dynatrace

Day 2: Advanced Monitoring Concepts

Session 5: Dashboards and Reporting

- Creating and customizing dashboards
- Generating and interpreting reports on performance metrics
- Sharing and exporting dashboard views

Session 6: Application Performance Analysis

- Analyzing application performance metrics
- Identifying bottlenecks and performance issues
- Utilizing Dynatrace insights for optimization

Session 7: Infrastructure Monitoring

- Monitoring servers, containers, and other infrastructure components
- Utilizing infrastructure-related metrics for troubleshooting
- Integration with cloud platforms

Session 8: Synthetic Monitoring

- Introduction to synthetic monitoring
- Configuring and analyzing synthetic tests
- Leveraging synthetic monitoring for performance optimization

Day 3: Troubleshooting and Best Practices

Session 9: Troubleshooting Techniques

- Techniques for troubleshooting performance issues
- Utilizing Dynatrace's problem resolution features
- Root cause analysis strategies

Session 10: Best Practices and Optimization

- Implementing best practices for effective monitoring
- Optimizing Dynatrace configurations for specific use cases
- Case studies and real-world scenarios

Session 11: Mock Certification Exam and Review

- Simulated Dynatrace Associate Certification exam
- Review of key concepts and exam tips
- Q&A session for participant queries

Session 12: Closing Remarks and Next Steps

- Recap of key learnings
- Guidance on next steps in the certification journey
- Providing additional resources for further learning