

IBM Certified Deployment Professional - Security QRadar SIEM V7.5



Online Course

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Course Modules

1. Deployment Objectives and use Cases

- Review business needs
- Determine useful QRadar Apps and Extension Packs
- Define QRadar value reporting

2. Architecture and Sizing

- Determine scope and size requirements for deployment
- Plan for placement of appliances
- Determine requirements for data retention
- Determine QRadar deployment components
- Identify the need for HA and DR
- Determine licensing requirements
- Windows collection architecture

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3. Installation and Configuration

- Install QRadar SIEM
- Apply and update licensing
- Apply QRadar system Certificates
- Backup, recovery, and data retention
- Conduct initial configuration
- Configure authentication and access control



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4.Event and Flow Integration

- Define log sources
- Define and configure flow sources
- Define custom properties
- Install content extensions based on requirements
- Identify event parsing requirements

5.Environment and X-Force Integration

- Configure Assistant App and use it to manage the apps
- Establish X-Force intelligence data integration levels
- Configure Use Case Manager
- Populate and use the Asset database

6.System Performance and Troubleshooting

- Look for R2R events
- Monitor system performance
- Check QRadar audit and self-monitoring events
- Check and restart Apps as necessary
- Identify event drops, events going to storage & unknown events



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7.Initial Offense Tuning

- Tune noisy rules and CRE events
- Identify expensive rules and properties
- Utilize Server Discovery
- Update building blocks
- Manage and use reference data

8.Migration and Upgrades

- Migrate Data
- Review upgrade prerequisites
- Determine content migration strategy
- Review App Framework considerations (UBI)
- Restoring a backup
- Performing QRadar SIEM hardware migration

9.Multi-Tenancy Considerations

- Define domains and tenants requirements
- Configure items which involve Multi-tenancy

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