

IBM Certified Deployment Professional - Security Verify Access V10.0



Online Course

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Course Modules

1.Planning

- Conduct planning workshops
- Identify feature requirements
- Plan firmware upgrade cycle
- Perform solution sizing
- Assess access control requirements
- Assess log retention requirements
- Assess federated single sign-on requirements

2.Architecture and Design

- Select deployment patterns and topology
- Design High Availability & Disaster Recovery architecture
- Design deployment process (automated or manual)
- Identify network requirements
- Establish backup procedures
- Identify server connections
- Determine appropriate junction type
- Identify required authentication methods
- Identify required session failover



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3.Installation

- Find and download software and updates
- Create virtual machine
- Prepare user registry
- Prepare database(s)
- Deploy Security Verify Access containers
- Activate required offerings and install the support license
- Perform network configuration
- Import necessary personal and signer certificates

4.Configuration

- Configure cluster
- Configure base runtime component
- Integrate federated directories
- Configure reverse proxy instance
- Configure authorization server
- Configure LMI external authentication and authorization
- Configure base authorization policies
- Create server connections
- Configure multi-factor authentication (MFA)
- Configure SCIM (System for Cross-domain Identity Managmnt)
- Configure API protection (OAUTH/OIDC)
- Configure auditing



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6. Advanced customization

- Implement a context-based access control policy
- Create risk profile
- Implement identity mapping
- Author custom policy information point (PIP)
- Configure and customize a user self-care flow
- Create JavaScript authentication mechanism
- Create HTTP transformation rules
- Implement OAUTH/OIDC customization
- Configure device registration (Fingerprint)
- Modify default template files
- Integrate custom login appl through External Authentication
- Implement advanced authenticated user mapping
- Implement access policy
- Implement authorization (AUTHZ) rules for reverse proxy
- Configure single sign-on using Federation STS
- Configure mobile multi-factor authentication



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5. System Integration

- Configure Junction
- Protect API endpoints accessed by API clients
- Integrate with federated single sign-on partners
- Configure desktop SSO (SPNEGO)
- Configure token authentication
- Setup monitoring framework
- Configure external authentication interface
- Integrate with SIEM systems

7. Testing, Troubleshooting and Maintenance

- Apply interim fixes
- Apply appliance firmware updates
- Resolve common problems
- Prepare backup storage system
- Perform tuning
- Configure logging and tracing
- Engage with IBM Support

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