

INFOSOFT IT SOLUTIONS

Training | Projects | Placements

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FortiMail Course

Introduction to FortiMail

- Overview of FortiMail and its role in email security
- Key features and benefits of FortiMail
- Comparison with other email security solutions
- Use cases and benefits of deploying FortiMail in an organization

Installation and Setup

- System requirements and deployment options
- Installation procedures for FortiMail
- Initial configuration and setup wizard
- Licensing and registration

FortiMail Interface and Navigation

- Overview of the FortiMail user interface
- Navigation and layout of dashboards and menus
- Customizing views and preferences
- Access control and user management

Anti-Spam and Anti-Phishing

- Configuring anti-spam profiles and policies
- Spam detection techniques (heuristics, blacklists, whitelists)
- Phishing detection and protection mechanisms
- Real-time updates and threat intelligence feeds

Data Loss Prevention (DLP)

- Overview of DLP concepts and policies
- Configuring DLP policies for sensitive data protection
- Data classification and content inspection
- Incident management and reporting

Email Encryption

- Introduction to email encryption technologies (TLS, S/MIME, PGP)
- Configuring email encryption policies
- Encryption key management
- Secure email communication best practices

Email Authentication and Anti-Spoofing

- SPF, DKIM, and DMARC authentication protocols
- Configuring SPF, DKIM, and DMARC policies
- Preventing email spoofing and domain impersonation attacks
- Email header analysis and authentication verification

Advanced Threat Protection

- Overview of advanced threat protection features
- Zero-day threat detection and sandboxing
- Integration with threat intelligence feeds
- Advanced threat protection best practices

High Availability and Redundancy

- High availability (HA) deployment options and considerations
- Configuring HA clusters for failover and load balancing
- Active-passive vs. active-active HA configurations
- Monitoring and troubleshooting HA deployments

Logging and Monitoring

- Configuring logging and log settings
- Understanding FortiMail logs and log types
- Log analysis and reporting
- Real-time monitoring and alerting

Authentication and Access Control

- User authentication methods (Local, LDAP, RADIUS, etc.)
- Configuring user authentication and access control policies
- Role-based access control (RBAC) configurations
- Single Sign-On (SSO) integration with authentication services

FortiMail Best Practices and Security Hardening

- Security best practices for FortiMail deployments
- Implementing security hardening measures
- Compliance with industry standards and regulations
- Auditing and vulnerability management

Troubleshooting FortiMail

- Diagnosing common issues and errors
- Troubleshooting email delivery problems
- Analyzing email logs and events
- FortiMail diagnostic tools and commands

Real-world Use Cases and Case Studies

- Examples of FortiMail deployments in different environments
- Case studies showcasing the benefits of FortiMail in email security
- Practical exercises and scenarios for applying FortiMail features

FortiMail Certification Preparation

- Overview of Fortinet certification programs
- Exam preparation tips and resources
- Practice exams and quizzes
- Guidance on scheduling and taking certification exams

Conclusion and Next Steps

- Recap of key concepts covered in the course
- Opportunities for further learning and professional development
- Feedback and course evaluation
- Next steps for implementing FortiMail in your organization