

# ADVANCED MAIL RELAY PROCESSOR (AMRP)

Advanced Mail Relay Processor is an advanced email security solution engineered to provide comprehensive protection for mail servers against modern and emerging threats. Designed for seamless integration with existing network infrastructures, it is delivered as a virtual appliance for rapid deployment and minimal overhead. Operating as a mail proxy positioned between your firewall and internal or external mail servers, it enables centralized inspection, filtering, and policy enforcement for all inbound and outbound email traffic

## Key Functions

- **Seamless Integration with Existing Infrastructure**  
Designed for minimal disruption, the solution integrates effortlessly with current email environment, whether it's Microsoft Exchange, Google Workspace, or any SMTP-compatible platform
- **Deployable as a Virtual Appliance**  
The system is available as a virtual appliance, compatible with leading virtualization platforms such as VMware, Hyper-V, and KVM. This enables rapid deployment, scalability, and easier disaster recovery planning
- **Efficient Before-Queue and After-Queue Filtering**  
The processor performs intelligent filtering both before and after the SMTP queue, maximizing performance and security. Before-queue filtering reduces resource consumption by rejecting malicious content early, while after-queue filtering allows deeper inspection and policy enforcement
- **High Availability Clustering Support**  
For mission-critical environments, the processor supports high availability clustering, ensuring uninterrupted email flow and load balancing. Failover mechanisms provide system resilience in the event of hardware or software failure
- **Support for IPv4 and IPv6 Protocols**  
Dual-stack IPv4/IPv6 support ensures your network evolves with the growing needs of modern connectivity, providing a smooth and secure experience

## Feature Highlights

### Enterprise-Class Email Security

- Robust open-source solution
- Built on trusted and proven technology
- Comprehensive scanning of both incoming and outgoing emails
- Centralized management and control through the WUI and console
- Debian-based for enhanced stability and performance

### User Management

- Role-based access control system
- Multiple authorization roles: Superuser, Administrator, Quarantine Manager and Auditor

### Backup/Restore

- Backup and restore the entire configuration, mail filter rules, and statistical database via WUI
- Fast restoration in the event of a large-scale disaster
- Schedule automated, regular backups for seamless data protection

### Generate Reporting

- Mail relay solution automatically generates daily logs using the widely trusted pflogsumm tool
- Access comprehensive daily logs with insights on email traffic, delivery statistics, and system performance
- Effortlessly generate email transaction reports in Excel format for easy analysis

### Monitoring

- Real-time monitoring via both Web User Interface (WUI) and console access for seamless system oversight
- Capture comprehensive logs of all system activities, including email transactions and system events
- The intuitive WUI and console interface simplify the monitoring of your mail relay system

## Ordering Information

Order Code	Description
AMRP-VIRT	One (1) unit virtual appliance node
AMRP-PHY	One (1) unit physical appliance node

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