



MAVIS

Hybrid Multi-Cloud PAM

1. One-stop Hybrid-cloud Resource Management

Public & Private cloud



Operating systems



Network devices



2. Integrated Remote Access Services

Secure remote desktop

Supported communication protocols : SSH, VNC, RDP, SFTP

Database access

Supported database : postgresSQL

Web application access

Supported web consoles : AWS console, GCP console, Azure console, Github, VMware console, FortiGate console, phpMyAdmin console, Oracle cloud, General Console

3. Information Security Management

Session timeout & Automatic logout

Supports automatic logout after inactivity and management of temporary accounts

Session monitoring

Supports monitoring and control of sessions for SSH, RDP, VNC, web applications, and SFTP

Log records

Supports Syslog format for easy integration with SIEM systems, ensuring comprehensive auditing and compliance

Just-in-Time access control

Real-time management of user access rights during authentication and resource access

Transmission protocols

Supports secure transmission via HTTPS and TLS

Authentication mechanism

Using OAuth 2.0 tokens

Access log & Extended storage

Access log management and retention policies, supports local storage security, and allows file movement to remote storage (e.g., S3, Azure Blob)

4. Identity Management Solutions

- Zero trust framework
- Attribute-based access control
- Multi-factor authentication
- Time-based one-time passwords
- Single sign-on
- User identity and permission management
- User group management
- LDAP synchronization

5. Key Management

- Key policies and complexity requirements
- Secure key storage and Transmission
- Key management tools

6. Authentication and Compliance



7. Deployment

Environment

Azure, Google Cloud, and any cloud infrastructure based on the Linux operating system Utilize Kubernetes for the runtime environment and container orchestration system

Installation methods

Script installation (one command installation)

8. Platform Security

Certificate management

Manage and update platform certificates to ensure secure, encrypted data transmission

Encryption algorithms

Sensitive data is protected using the AES-CBC 128-bit encryption algorithm

Multi-factor authentication

Two-factor authentication follows the TOTP RFC 6238 standard

Key rotation

Plain-text keys exist only in memory and are regularly rotated to mitigate the risk of leaks or compromise

Dual security testing

DAST & SAST for comprehensive application security testing

Web application whitelist

Define the domains or resources users can access in web applications, with automatic duplicate URL range checks

Pentium Network Core Values & Business Partners

Comprehensive IT professional services

IT outsourcing services
Professional digital infrastructure
Professional cloud architecture services

Cloud service authorized reseller

AWS, GCP and Azure: Top three public cloud partners in the Asia - pacific region
Over 80 professional certifications and technical qualifications in public clouds

Self-developed cloud integration products

MAVIS [Hybrid Multi-Cloud PAM]
MRVN [One-stop automation ITOps platform]

