MAVIS
Hybrid Multi-Cloud PAM

PNTL

1. One-stop Hybrid-cloud Resource Management

Public & private cloud
aws | Google Cloud | Azure | vmware®

Operating systems
Windows | Ubuntu | Red Hat | CentOS

Network devices
CISCO | aruba | FORTINET

2. Integrated Remote Access Services

Secure remote desktop
Supported communication protocols：SSH, VNC, RDP, SFTP

Database access
Supported database：postgreSQL

Web application access
Supported web consoles：AWS console, GCP console, Azure console, Github, VMware console, FortiGate console, phpMyAdmin console, General Console

3. Information Security Management

Session monitoring
Support for SSH and RDP transmission protocols

Log records
Support for Syslog format, easy integration with Splunk for comprehensive log recording

Session timeout & automatic logout
Support for SSH sessions and temporary accounts

Transmission protocols
Support for HTTPS and TLS secure transmission

Authentication mechanism
Using OAuth 2.0 tokens

Access log
Support for moving files to remote storage to ensure the security of video files

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

5. Key Management

· Key policies and complexity requirements
· Secure key storage and transmission
· Key management tools

6. Authentication and Compliance

ISO 27001 | IEC | PCI DSS COMPLIANT | NIST

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

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

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」

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