Analog Informatics™ Corporation

Sample RFP

Privileged access requirements for a request for proposal

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Analog Informatics Corporation
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This sample Request for Proposal (RFP) lists the privileged access requirements regulated buyers score. It contains the requirements only. Vendor answers are in the companion download, AIC Results for the Sample RFP.

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Auditing and Reporting

Requirement
Account permission reports
Trace every administrator and user action to a person and a time
Out-of-the-box and on-demand reports for owners
Automated report queries
Log creation, storage, analytics, and alerting
Email notifications
Event subscriptions and alerts
Inactive-account reporting
Password history
Scheduled reports
Security assessment reporting
Self-monitoring, health check, and repair
User audit report
Agentless auditor tools
Custom reports
External auditing tool integration
Ad-hoc user reports
Dual control (four eyes)

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Deployment and Support

Requirement
Data segregation between customers
Same features in the cloud and on premises
Network zone segmentation
Centralized administration
On-premises deployment
On-site engines to reach untrusted networks
Password masking at logon
Cloud (SaaS) deployment
Selective, targeted discovery refresh
Support for current Payment Card Industry (PCI) controls
IP address restrictions
Notice before a hosted upgrade
Pre-upgrade testing site
Optional agent
24/7 support with a service level agreement

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Discovery

Requirement
Active Directory synchronization
Automatic discovery of privileged accounts
Windows, Unix and Linux, LDAP, and Active Directory accounts
Database accounts
Network device and appliance accounts
Discovery rules that auto-manage credentials
Service accounts
Pruning obsolete accounts
Decommission devices based on Active Directory status
Discover SSH certificates on targets
Custom account types

Disaster Recovery and High Availability

Requirement
Automatic backups
Cloud architecture
On-premises recovery copy of the cloud service
Break-glass emergency access
Load balancing
High availability and clustering
Geo-replication for recovery

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Integrations

Requirement
Active Directory, Microsoft Entra ID, and LDAP
Amazon Web Services (AWS) and Google Cloud
Existing infrastructure
REST API
Identity Governance and Administration (IGA)
Multi-Factor Authentication (MFA), including OATH TOTP and YubiKey
Okta, SAML, and single sign-on
RADIUS
ServiceNow, Jira, and other ticketing systems
SIEM, syslog, and Splunk
Hardware Security Module (HSM) and key management services
Incident management
Native logon page that bypasses single sign-on when needed
Custom ticketing integration
Vulnerability scanner integration
Customer Relationship Management (CRM) integration

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Password Management

Requirement
Automated rotation on a schedule or a trigger, with complexity rules
Rotation on a system with no server connection, including service, IIS, COM+, and ASP.NET updates and signed customer scripts
Check-out and check-in
Granular password policies
MFA before access
Heartbeat to detect password changes made outside the vault
CSV and XML import and export
Just-in-time group membership on check-out
One-time passwords, rotated on check-in
Encryption, hiding, and vaulting
Secret policy on stored credentials
Web password vaulting
File attachments
Folders and permissions
Personal password and file vaulting

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Secret Workflow

Requirement
Out-of-the-box policies
Force check-in and remove a lock
Role-Based Access Control (RBAC)
Attribute-Based Access Control (ABAC)
Exclusion rules
Double lock and compartments
Require a comment on access
Request and approval workflow
Role inheritance

Security and Compliance

Requirement
Create SSH certificates
AES-256 encryption at rest
Encryption in transit with Transport Layer Security (TLS) 1.2 or later
Federal Information Processing Standards (FIPS) cryptography
HIPAA, PCI, and SOX audit support
Conditional policies by location and time
Geolocation rules
Behavior analytics

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Session Launching and Monitoring

Requirement
Central management console
No third-party tools needed for sessions
Log tracing
RDP and SSH proxying, including PuTTY and native clients
Automatic RDP and SSH launch on shared-account access
Real-time monitoring, pause, and kill
Session recording and archive
SSH key management
Concurrent sessions
HTTPS
Web password launching with transparent sign-in
Mobile device policies by group
Alerts on critical events
Search inside recorded sessions
Keystroke logging
Block critical commands, with allow and deny lists
Session timeout
Web password session recording
Unix privilege elevation

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Web API, SDK, and Scripting

Requirement
Bash, PowerShell, and SQL scripts
Full JSON REST API for programmatic credential retrieval
PowerShell password changes
Software Development Kit (SDK) for applications
SSH dependencies such as su and sudo

Ease of Use

Requirement
One product with every feature
Onboarding
License model
Support after implementation
Implementation

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And More: Capabilities Beyond the Checklist

Requirement
Credential propagation and blast radius
Robotic process automation (RPA)
Endpoint privilege elevation
Configuration compliance
Current State Compliance and the Assessment Binder
Training and attestation
Air-gapped operation
Operational Technology (OT)
Vendor remote access without a VPN
Mainframe terminals
Service account governance
Identity Governance and Administration
DevOps secrets for pipelines and Kubernetes
Cloud Infrastructure Entitlement Management (CIEM)
Certificate lifecycle management
Just-in-time network access
Robotic process automation (RPA) bot credentials

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