

Bloombase Spitfire Identity Manager



Features

Central User Identity Management

Secure, automated and policy-based solution for managing roles, identities and access rights spanning heterogeneous IT resources

Cost Saving Management

Reduce costs by thin provisioning user roles, accounts and privileges throughout user lifecycle

Device Management

Manage user credentials, security device and password device lifecycles in all-in-one web based management console

Multi-Factor Authentication

Support highly customizable broad range of user authentication strategies from what user knows to what user has

User Management

Local user management

Remote user association management

User Authentication

Simple authentication

RADIUS authentication

Two factor authentication

One time password authentication

Public key infrastructure (PKI) based authentication

Simple Authentication

Microsoft Active Directory (MSAD)

Lightweight Directory Access Protocol (LDAP)

Relational databases (RDB)

Device Management

Smart card/token key generation
Smart card/token key management
Smart card/token pin change
Smart card/token pin unblock
OTP device initialization
OTP device synchronization

One Time Password Device Support

OATH-compliant HMAC-based OTP (HOTP) hardware tokens
OATH-compliant HMAC-based OTP (HOTP) software tokens
OATH-compliant time-based OTP (TOTP) hardware tokens
OATH-compliant time-based OTP (TOTP) software tokens

Delivery Profile Support

Simple Mail Transfer Protocol (SMTP) email
IBM Lotus Domino messaging
Short Message Service Center (SMSC) protocol
HTTP POST and GET

Security

NIST FIPS 197 AES encryption and decryption (NIST certificate #1041)
RSA public key cryptography (NIST certificate #496)
SHA-1, SHA-256, SHA-384, SHA-512 hash generation (NIST certificate #991)
Accredited keyed-hash message authentication code generation (NIST certificate #583)
Japan NTT/Mitsubishi Camellia encryption and decryption
Chinese National SCB2(SM1), SSF33, SSF28 encryption and decryption
Korean SEED encryption and decryption
NIST FIPS 46-3 3DES and DES encryption and decryption
RC2, RC4, RC5 and RC6 encryption and decryption
CAST5 encryption and decryption
Twofish and Blowfish encryption and decryption
IDEA encryption and decryption
Serpent and Skipjack encryption and decryption
DSA public key cryptography
MD5 and Chinese National SCH(SM3) hash generation
Pluggable cipher architecture for future cipher upgrade or custom cipher support
Hardware ASIC cryptographic acceleration (optional)
Accredited random number generator (NIST certificate #591)

Accreditations and Certifications

NIST FIPS 140-2 compliant Bloombase Cryptographic Module
Ministry of Public Security validated security product

Client Connectivity

RADIUS
RESTful Spitfire Identity Manager API

Application Programming Interface

RESTful Spitfire Identity Manager API to send and receive identity information
HTTPS security and authentication
Plain text simple input/output
JSON (JavaScript Object Notation) light-weight structured input/output
XML generic structured input/output

Management

Web based management console
Command line interface (CLI) management console
Central administration and configuration
User security
SNMP v1, v2c, v3
syslog, auto log rotation and auto archive
Heartbeat and keep alive

Disaster Recovery

Configurations backup and restore
NIST FIPS 140 hardware security module recovery key or software recovery key vault for settings restoration
Customer-defined recovery quorum (e.g. 2 of 5)
NIST FIPS 140 hardware security module operator key or operator pin for daily operation
High-availability option for active-active or active-standby operation

Platform Support

Bloombase SpitfireOS

Hardware Support

i386-base architecture
AMD 32 and 64 architecture
Intel Itanium-2 architecture
IBM Power6 architecture
PA-RISC architecture
SPARC architecture

System Requirements

System free memory 1GB
Free storage space 1GB

Warranty and Maintenance

Software maintenance and support services are available.

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