

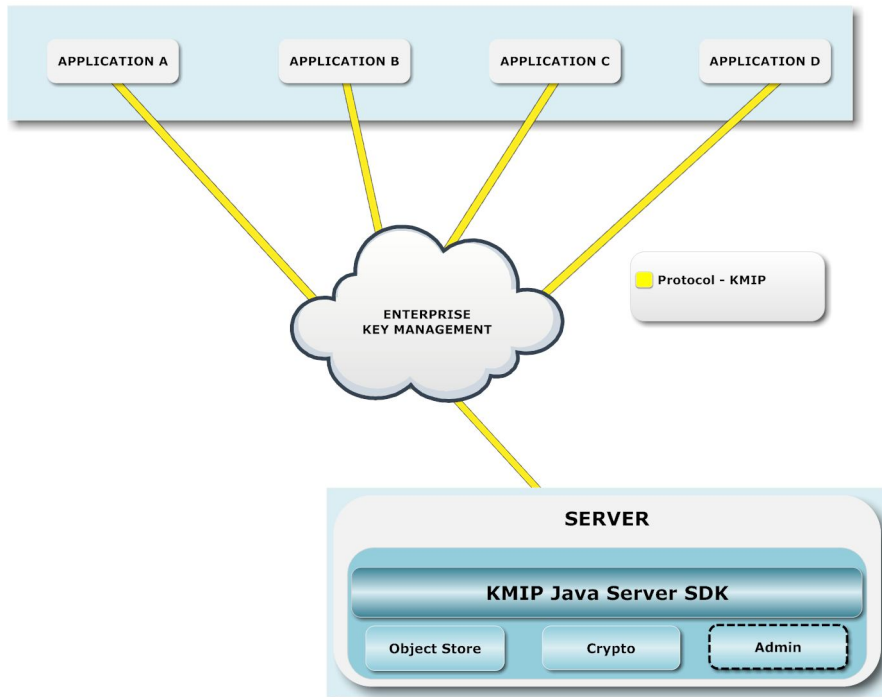
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KMIP Java Server SDK



Cryptsoft's **KMIP SDKs** enable rapid addition of interoperable key management functionality to your existing server applications. KMIP-enable your server application today and provide your customers with a complete vendor-independent key management solution!

Cryptsoft's **KMIP SDK** is easily and quickly integrated into your server application, adding OASIS KMIP V1.0 and V1.1 functionality with a single consistent interface. The SDK includes extensive KMIP example code to get you up and running quickly. **KMIP-enable your server within weeks** not months, reducing your time to market!



- Guaranteed interoperability with all released KMIP client products
- Available as a binary SDK on a wide range of platforms
- Custom platform ports available on request
- Symmetric key and Asymmetric key support
- Comprehensive example code
- Source license option
- Supports KMIP protocol v1.0 and v1.1
- Supports KMIP profiles:
 - Secret Data
 - Basic Symmetric Key Store and Server
 - Basic Symmetric Key Foundry and Server
 - Basic Asymmetric Key Store
 - Basic Asymmetric Key and Certificate Store
- Supports KMIP Object Types:
 - Certificate
 - Symmetric Key
 - Secret Data
 - Public Key
 - Private Key
 - Split Key
 - Template
 - Opaque Object
- Supported KMIP Operations:
 - Query
 - Locate
 - Destroy
 - Get
 - Create
 - Register
 - Get Attributes
 - Get Attribute List
 - Add Attribute
 - Modify Attribute
 - Delete Attribute
 - Activate
 - Revoke
 - Poll
 - Cancel
 - Check
 - Get Usage Allocation
 - Create Key Pair

Interoperable with
KMIP client
products
from:

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IBM

NetApp



SafeNet

THALES

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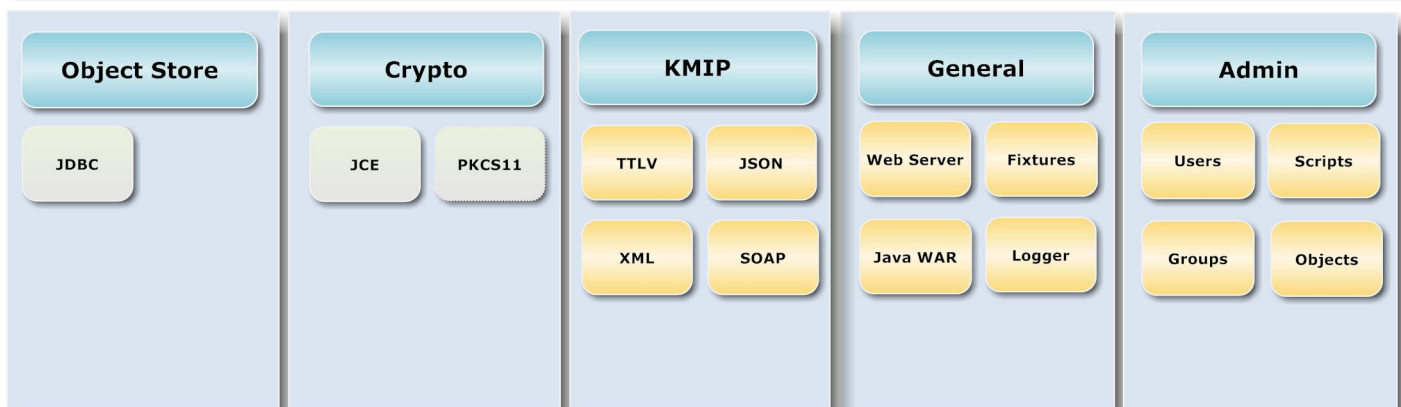
KMIP Java Server SDK



- **Comprehensive example code including:**

- Using Locate to return all symmetric keys.
- Using the Locate command.
- Using the Destroy command.
- Using the Query command.
- Using the Get command.
- Using the Register command.
- Using the Create command.
- Using the Get Attributes command.
- Using the Get Attribute List command.
- Return SDK version information.
- SQL Select.
- User Management (Admin).
- Using the Create Key Pair command.
- Using the Re-key command.
- Using the Archive command.
- Using the Recover command.
- Using the Activate command.
- Using the Add / Modify / Delete Attribute commands.

KMIP Java Server Components



- **Supported Encoding:**

- TTLV (binary)
- TTLV / JSON / XML (POST)

- **Supported Databases:**

- HSQLDB
- SQLite3
- MySQL 5.x
- Oracle 11.x
- SQL Server

- **Supported Cryptographic providers:**

- Sun/Oracle JCE
- IBM JCE
- RSA BSAFE Crypto-J (JCE)
- Bouncy Castle JCE

Supported Platforms:

- Oracle/Sun JDK 1.4.2
- Oracle/Sun JDK 1.5.0
- Oracle/Sun JDK/JRE 1.6.0
- IBM JDK/JRE 1.4.2