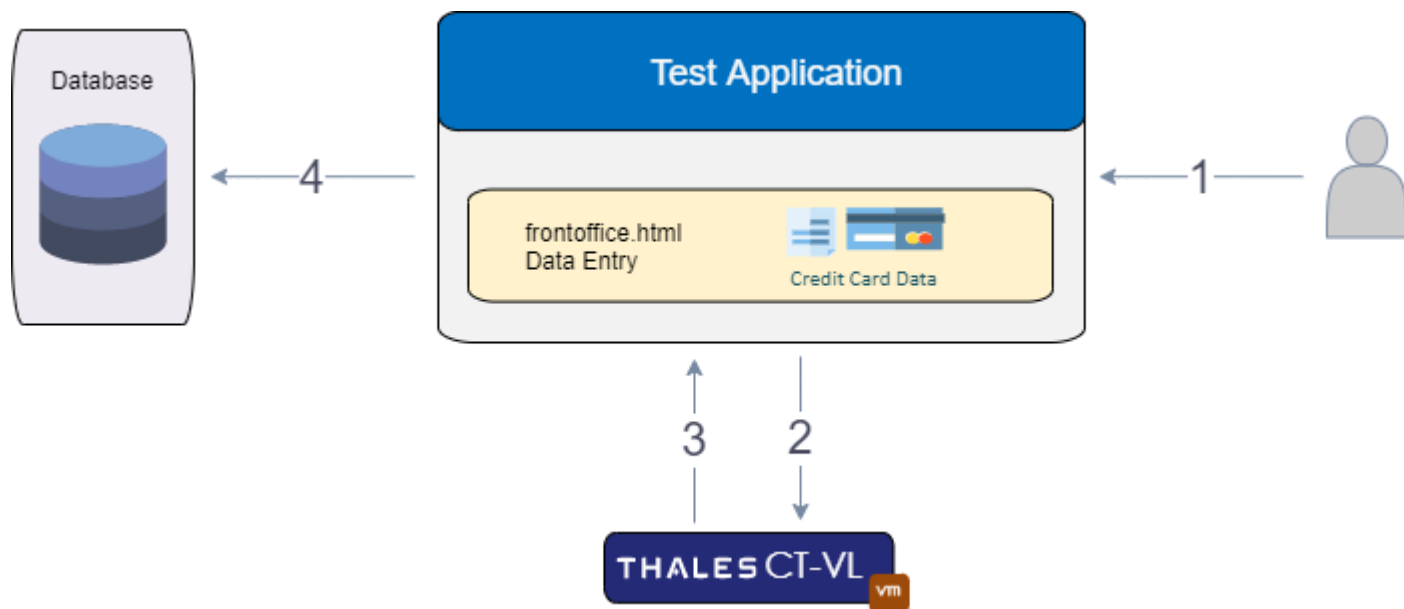


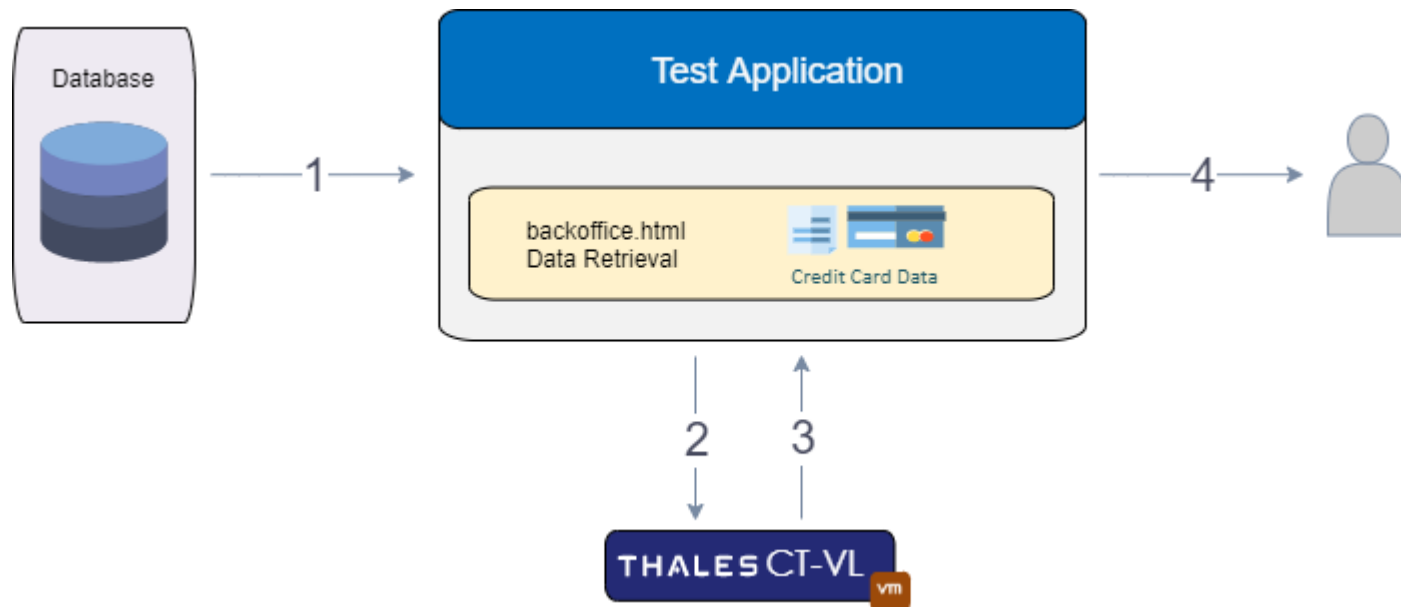
frontoffice.html:

- Data is entered and is tokenized before being stored in your database



backoffice.html:

- Data is retrieved and is detokenized depending on permissions



CT-VL configuration

Create a User	Full_Access_User (grant Detokenize / Tokenize)
Create a Tokenization Group	ctsdemo_group
Create 4 x Tokenization Templates	As below

<input type="checkbox"/> Name ▾	Format ▾	Token Group ▾	Charset ▾
<input type="checkbox"/> Template_MMY	MMYY	ctsdemo_group	All digits
<input type="checkbox"/> Template_Random	Random	ctsdemo_group	All digits
<input type="checkbox"/> Template_FPE_Alphanumeric	FPE	ctsdemo_group	Alphanumeric
<input type="checkbox"/> Template_FPE_Digits	FPE	ctsdemo_group	All digits

Database Configuration

MySQL	Oracle	SQL Server
<pre># mysql -u root -p mysql> create database CTSDemo; mysql> CREATE TABLE `registered_users` (`ID` int(6) NOT NULL AUTO_INCREMENT, `fname` varchar(150) DEFAULT NULL, `email` varchar(150) DEFAULT NULL, `address` varchar(150) DEFAULT NULL, `city` varchar(150) DEFAULT NULL, `state` varchar(25) DEFAULT NULL, `zip` varchar(10) DEFAULT NULL, `cardname` varchar(150) DEFAULT NULL, `cardnumber` varchar(150) DEFAULT NULL, `expdate` varchar(50) DEFAULT NULL, `cvv` varchar(25) DEFAULT NULL, PRIMARY KEY (`ID`)) ENGINE = InnoDB AUTO_INCREMENT = 163 DEFAULT CHARSET = latin1; mysql> use mysql; mysql> GRANT ALL ON *.* TO 'ctsdemo'@'%' with grant option; mysql> flush privileges;</pre>	<pre>\$ sqlplus / as sysdba SQL> create user CTSDemo identified by "Thales123!"; SQL> grant connect, resource, DBA to CTSDemo; SQL> connect CTSDemo@orcl SQL> @/home/oracle/CTSDemo/ot_schema.sql ot_schema.sql create table registered_users (ID number(10) generated by default as identity(start with 1) not null, fname varchar2(150) default null, email varchar2(150) default null, address varchar2(150) default null, city varchar2(150) default null, state varchar2(25) default null, zip varchar2(10) default null, cardname varchar2(150) default null, cardnumber varchar2(150) default null, expdate varchar2(50) default null, cvv varchar2(25) default null, primary key (ID))</pre>	<pre>CREATE TABLE registered_users ([ID] int NOT NULL IDENTITY, [fname] varchar(150) DEFAULT NULL, [email] varchar(150) DEFAULT NULL, [address] varchar(150) DEFAULT NULL, [city] varchar(150) DEFAULT NULL, [state] varchar(25) DEFAULT NULL, [zip] varchar(10) DEFAULT NULL, [cardname] varchar(150) DEFAULT NULL, [cardnumber] varchar(150) DEFAULT NULL, [expdate] varchar(50) DEFAULT NULL, [cvv] varchar(25) DEFAULT NULL, PRIMARY KEY ([ID]));</pre>

| docker container exec -it <name> bash

```
[root@dd290f6bec63 /]# cd /var/www/html/
```

drwxr-xr-x. 1 apache apache	6 Aug 25 15:25 tokenappm	(mysql)
drwxr-xr-x. 1 apache apache	6 Aug 25 15:25 tokenappo	(oracle)
drwxrwxr-x. 4 apache apache	175 Aug 22 13:47 tokenapps	(sql server)

config.php

auth.php