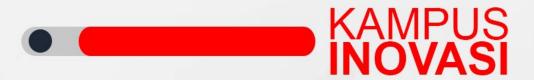


## Administrasi dan Keamanan Basis Data Sistem Informasi





# **Login dan Permission**





SQL Server Authentication Membutuhkan password

Windows Authentication Mode Tidak membutuhkan password





```
CREATE LOGIN loginName { WITH < option_list1> | FROM < sources> }
<option list1> ::= PASSWORD = { 'password' | hashed_password HASHED }
[ MUST_CHANGE ] [ , < option_list2 > [ ,... ] ]
<option list2> ::= SID = sid |
DEFAULT DATABASE = database |
DEFAULT LANGUAGE = language |
CHECK EXPIRATION = { ON | OFF} |
CHECK POLICY = { ON | OFF} |
CREDENTIAL = credential_name
```



```
<sources> ::= WINDOWS [ WITH <windows_options> [ ,... ] ]
```

| CERTIFICATE certname

| ASYMMETRIC KEY asym\_key\_name

```
<windows_options> ::=
```

DEFAULT DATABASE = database |

DEFAULT\_LANGUAGE = language

#### ALTER LOGIN



```
ALTER LOGIN login_name
{<status_option>|WITH <set_option>[,...]| <cryptographic_credential_option>}
<status option> ::= ENABLE | DISABLE
<set option> ::= PASSWORD = 'password' | hashed_password
HASHED [OLD PASSWORD = 'oldpassword' | <password option>
[<password_option>]]|
DEFAULT_DATABASE = database | DEFAULT_LANGUAGE = language
NAME = login_name | CHECK_POLICY = { ON | OFF } | CHECK_EXPIRATION =
{ ON | OFF } | CREDENTIAL = credential name | NO CREDENTIAL
```



```
<password_option> ::=
MUST_CHANGE |
UNLOCK <cryptographic_credentials_option> ::=
ADD CREDENTIAL credential_name |
DROP CREDENTIAL credential_name
```

### CREATE USER



USE namadatabase
CREATE USER namauser
FOR LOGIN namalogin

DROP LOGIN

DROP LOGIN login\_name

## **GRANT Database Permissions**



```
GRANT <permission> [ ,...n ]
TO <database_principal> [ ,...n ]
[ WITH GRANT OPTION ]
[ AS <database_principal> ]
<permission>::= permission | ALL [ PRIVILEGES ]
```



```
<database principal>::=
Database_user | Database_role | Application_role |
Database_user_mapped_to_Windows_User |
Database_user_mapped_to_Windows_Group |
Database_user_mapped_to_certificate |
Database_user_mapped_to_asymmetric_key |
Database_user_with_no_login
```

### REVOKE



REVOKE nama\_hak\_akses

ON OBJECT::nama\_tabel

FROM nama\_user

contoh:

use namadatabase

REVOKE SELECT ON OBJECT::pegawai FROM saya



### **TERIMA KASIH**