



# **Administrasi dan Keamanan Basis Data Sistem Informasi**



**KAMPUS  
INOVASI**

# Login dan Permission

# Jenis Login

SQL Server Authentication  
Membutuhkan password

Windows Authentication Mode  
Tidak membutuhkan password

# CREATE LOGIN

```
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