

5. Machine Learning at SAP HANA Cloud



SAP HANA Cockpit

Machine Learning 권한 부여

The screenshot shows the SAP HANA Cockpit interface. At the top, there's a navigation bar with the SAP logo and 'Database Overview' dropdown. Below this, a 'Security and User Management' dropdown menu is highlighted with a red box and a yellow circle with the number '1'. The main content area displays various security-related settings and links. On the right side, a 'User & Role Management' panel is visible, with 'User Management' highlighted by a red box and a yellow circle with the number '2'. Other panels include 'Data Encryption', 'Auditing', 'Anonymization Report', 'Authentication', and 'Insufficient Privilege Details'.

SAP HANA Cockpit

- Security and User Management 화면 전환
- “User Management” 클릭

SAP HANA Cockpit

Machine Learning 권한 부여

The screenshot displays the SAP HANA Cockpit User Management interface. On the left, a list of users is shown, with 'DEVUSER' highlighted by a red box and a yellow circle with the number '1'. The main panel shows the details for 'DEVUSER', including its status (Active) and various tabs like 'General Information', 'Authorization Mode', 'Authentication', and 'Custom User Properties'. The 'General Information' tab is active, showing details such as User Name (DEVUSER), User Group (DEFAULT), Valid From (21. 3. 3. PM 9:19), Last Successful Logon (21. 3. 8. PM 2:09), Creation of Objects in Own Schema (Yes), PUBLIC role (Yes), Disable ODBC/JDBC Access (No), Creator (DBADMIN), Created At (21. 3. 3. PM 9:19), and Comment. At the bottom right, the 'Assign Roles' button is highlighted by a red box and a yellow circle with the number '2'.

SAP HANA Cockpit

- DEVUSER 클릭
- “Assign Roles” 클릭

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Machine Learning 권한 부여

The screenshot displays the SAP HANA Cockpit User Management interface. The left sidebar shows a list of users, with 'DEVUSER' selected. The main panel shows the 'Role Assignment for User DEVUSER' page. The 'Edit' button is highlighted with a red box.

Users (25)

- User Name
- User Group: DEFAULT
- User status: Active
- DEVUSER**
- User Group: DEFAULT
- User status: Active
- SYS
- User Group: None
- User status: Deactivated
- SYSRDL#CG
- User Group: None
- User status: Active
- SYSRDL#CG_HANAREADER
- User Group: None
- User status: Active

DEVUSER

Active

General Information

User Name: DEVUSER

User Group: DEFAULT

Valid From: 21. 3. 3. PM 9:19

Last Successful Logon: 21. 3. 8. PM 2:28

Creation of Objects in Own Schema: Yes

PUBLIC role: Yes

Disable ODBC/JDBC Access: No

Creator: DBADMIN

Created At: 21. 3. 3. PM 9:19

Role Assignment for User DEVUSER

Se... **Edit**

Role	Schema	Grantor	Grantable to Others
PUBLIC		SYS	No

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- “Edit” 버튼 클릭

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Machine Learning 권한 부여

The screenshot displays the SAP HANA Cockpit User Management interface. The left sidebar shows a list of users, with 'DEVUSER' selected. The main panel shows the 'Role Assignment for User DEVUSER' dialog. The 'Add' button is highlighted with a red box.

Users (25)

- User Name
- User Group: DEFAULT
- User status: Active
- DEVUSER**
- User Group: DEFAULT
- User status: Active
- SYS
- User Group: None
- User status: Deactivated
- SYSRDL#CG
- User Group: None
- User status: Active
- SYSRDL#CG_HANAREADER
- User Group: None
- User status: Active

DEVUSER

Active

General Information

User Name: DEVUSER

User Group: DEFAULT

Valid From: 21. 3. 3. PM 9:19

Last Successful Logon: 21. 3. 8. PM 2:28

Creation of Objects in Own Schema: Yes

PUBLIC role: Yes

Disable ODBC/JDBC Access: No

Creator: DBADMIN

Created At: 21. 3. 3. PM 9:19

Role Assignment for User DEVUSER

Se... [Save] [Cancel] **Add** [Remove]

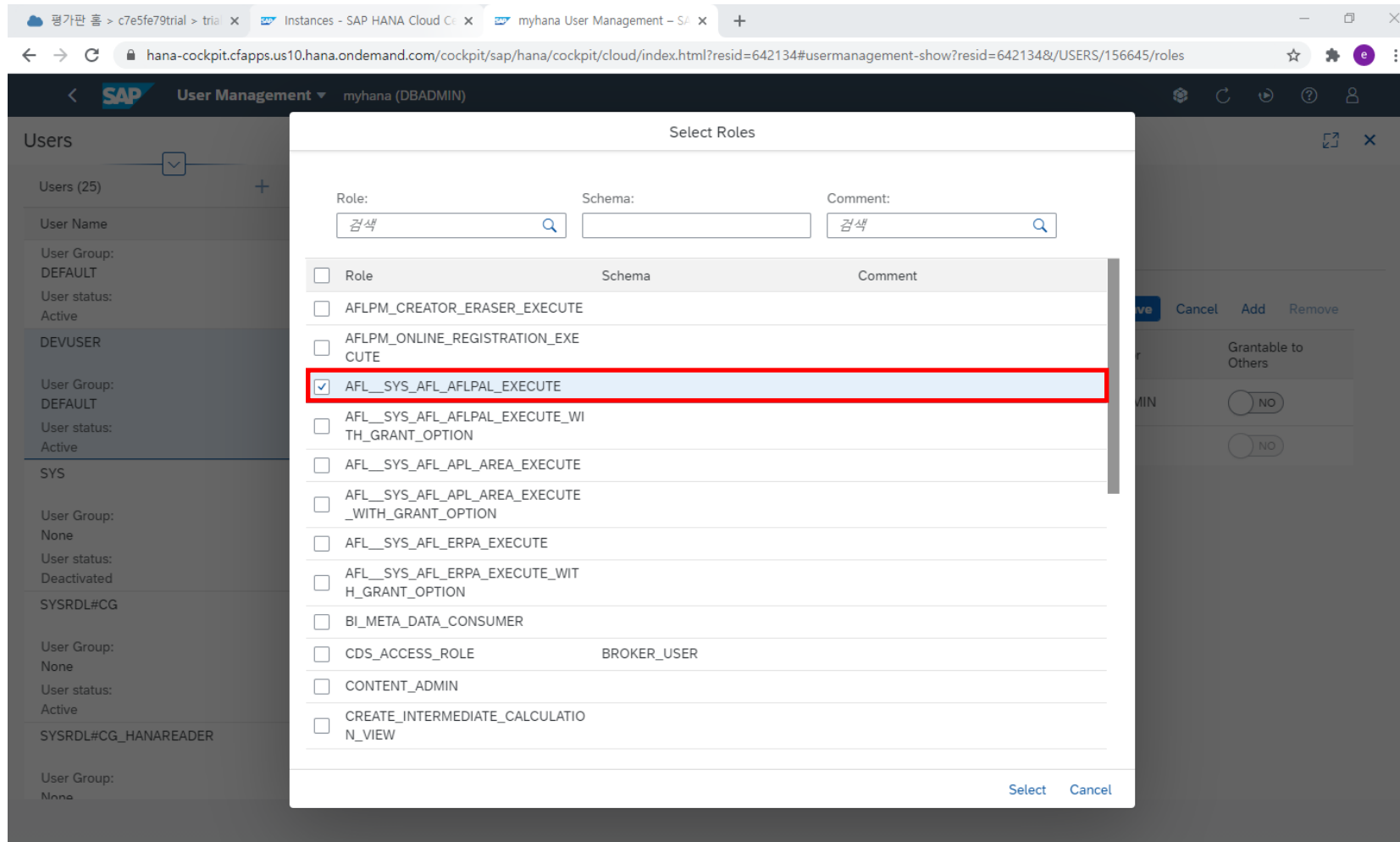
<input type="checkbox"/>	Role	Schema	Grantor	Grantable to Others
<input type="checkbox"/>	PUBLIC		SYS	<input type="radio"/> NO

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- “Add” 버튼 클릭

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Machine Learning 권한 부여



SAP HANA Cockpit

- AFL__SYS_AFL_AFLPAL_EXECUTE, sap.pa.apl.base.roles::APL_EXECUTE 선택
- “Select” 버튼 클릭

SAP HANA Cockpit

Machine Learning 권한 부여

The screenshot displays the SAP HANA Cockpit User Management interface. The left sidebar shows a list of users, with 'DEVUSER' selected. The main area is divided into two panels: 'General Information' and 'Role Assignment for User DEVUSER'. The 'General Information' panel shows details for 'DEVUSER', including 'Active' status, 'User Group: DEFAULT', 'User status: Active', 'Valid From: 21. 3. 3. PM 9:19', 'Last Successful Logon: 21. 3. 8. PM 2:28', 'Creation of Objects in Own Schema: Yes', 'PUBLIC role: Yes', 'Disable ODBC/JDBC Access: No', 'Creator: DBADMIN', and 'Created At: 21. 3. 3. PM 9:19'. The 'Role Assignment' panel shows a table with columns: Role, Schema, Grantor, and Grantable to Others. The table lists two roles: 'HANA_SYSRDL#C G_ADMIN_ROLE' with Grantor 'DBADMIN' and 'PUBLIC' with Grantor 'SYS'. Both roles have a 'Grantable to Others' toggle set to 'NO'. A red box highlights the 'Save' button in the top right of the 'Role Assignment' panel.

Users (25)

User Name

User Group: DEFAULT

User status: Active

DEVUSER

User Group: DEFAULT

User status: Active

SYS

User Group: None

User status: Deactivated

SYSRDL#CG

User Group: None

User status: Active

SYSRDL#CG_HANAREADER

User Group: None

User status: Active

DEVUSER

Active

General Information

User Name: DEVUSER

User Group: DEFAULT

Valid From: 21. 3. 3. PM 9:19

Last Successful Logon: 21. 3. 8. PM 2:28

Creation of Objects in Own Schema: Yes

PUBLIC role: Yes

Disable ODBC/JDBC Access: No

Creator: DBADMIN

Created At: 21. 3. 3. PM 9:19

Role Assignment for User DEVUSER

Se...

Save Cancel Add Remove

<input type="checkbox"/>	Role	Schema	Grantor	Grantable to Others
<input type="checkbox"/>	HANA_SYSRDL#C G_ADMIN_ROLE		DBADMIN	<input type="radio"/> NO
<input type="checkbox"/>	PUBLIC		SYS	<input type="radio"/> NO

SAP HANA Cockpit

- “Save” 버튼 클릭

SAP HANA Cockpit

Machine Learning 권한 부여

The screenshot displays the SAP HANA Cockpit User Management interface. The left sidebar shows a list of users, with 'DEVUSER' selected. The main area is divided into two panels: 'General Information' for 'DEVUSER' and 'Role Assignment for User DEVUSER'.

General Information for DEVUSER:

- User Name: DEVUSER
- User Group: DEFAULT
- User status: Active
- Valid From: 21. 3. 3. PM 9:19
- Last Successful Logon: 21. 3. 12. PM 2:42
- Creation of Objects in Own Schema: Yes
- PUBLIC role: Yes
- Disable ODBC/JDBC Access: No
- Creator: DBADMIN
- Created At:

Role Assignment for User DEVUSER:

Role	Schema	Grantor	Grantable to Others
AFL__SYS_AFL_A FLPAL_EXECUTE		DBADMIN	No
HANA_SYSRDL#C G_ADMIN_ROLE		DBADMIN	No
PUBLIC		SYS	No
sap.pa.apl.base.rol es::APL_EXECUTE		DBADMIN	No

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- 결과 조회