

Access Control List (ACL) Configuration Report

1. Objective :

The objective of this task was to implement field-level security for the **task table 2** using Access Control Lists (ACLs). This ensures that only authorized users with specific roles have "write" permissions for critical data fields within the application.

2. Configuration Steps Followed :

The security rules were established using the following administrative workflow in ServiceNow:

- **System Navigation:** Navigated to All > System Security > Access Control (ACL).
 - **Security Elevation:** Clicked on **Elevate Role** to gain the necessary security_admin privileges required to modify ACLs.
 - **ACL Initialization:** Selected **New** to create a fresh security rule.
 - **Rule Definition:**
 - **Type:** Set to **record**.
 - **Operation:** Set to **write**.
 - **Name:** Selected **task table 2 [u_task_table_2]** and specified the target field (e.g., **status**).
 - **Role Requirement:** Scrolled to the **Requires role** section and added the **team member** and **u_task_table_2_user** roles.
 - **Finalization:** Clicked **Submit** to activate the security rule.
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3. ACL Implementation Details :

To ensure full data integrity, specific **write** ACLs were created for the following fields on the **u_task_table_2** table:

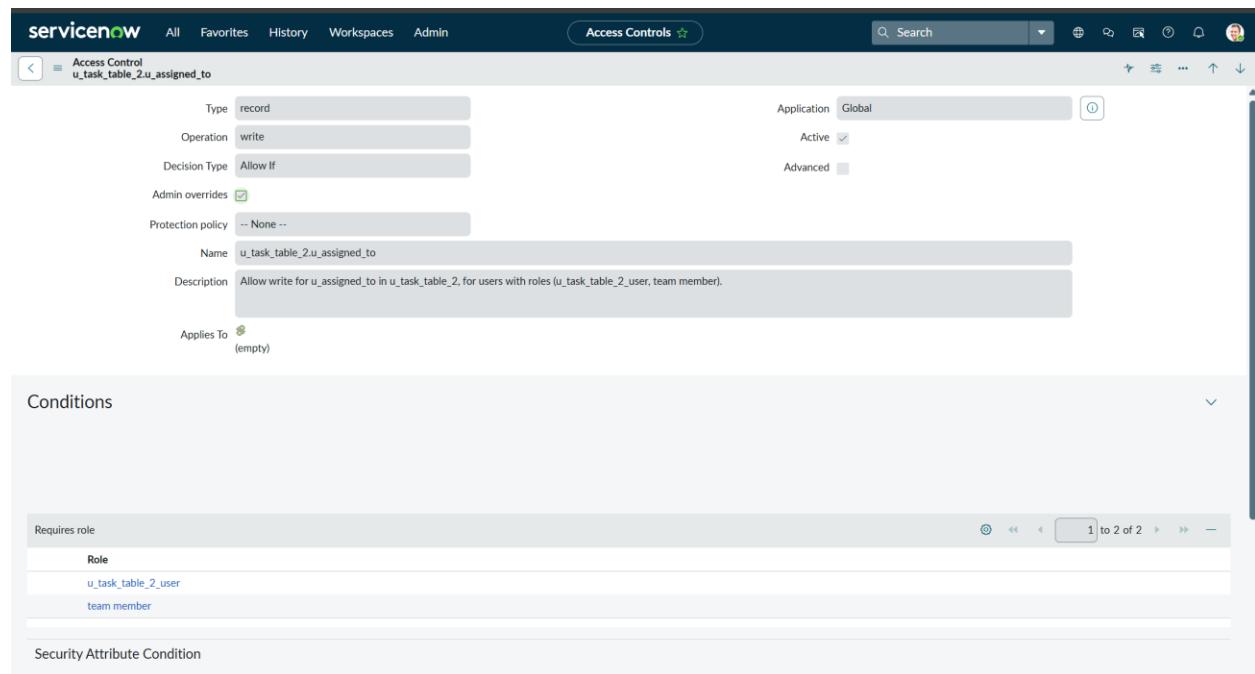
- **u_task_table_2.u_assigned_to**
- **u_task_table_2.u_due_date**

- **u_task_table_2.u_task_id**
 - **u_task_table_2.u_task_name**
 - **u_task_table_2.status**
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4. Verification via User Impersonation

To validate the security configuration, the following test was performed:

- **Action:** Used the profile icon to **Impersonate User as bob p.**
- **Navigation:** Accessed the **task table 2** through the application menu bar.
- **Observation:** Confirmed that the **status** and **comments** fields are accessible and have the correct **edit access** as defined by the ACLs.
- **Result:** The security rules are functioning correctly, restricting write access to only those users holding the designated roles.



The screenshot shows the ServiceNow Access Control interface for a policy named "u_task_table_2.u_assigned_to".

General Settings:

- Type: record
- Operation: write
- Decision Type: Allow If
- Application: Global
- Active: checked
- Advanced: (empty)

Protection Policy: None

Description: Allow write for u_assigned_to in u_task_table_2, for users with roles (u_task_table_2_user, team member).

Applies To: (empty)

Conditions:

Requires role

- Role: u_task_table_2_user
- team member

Security Attribute Condition

servicenow All Favorites History Workspaces Admin Access Controls  Search Actions on selected rows...

All > Name >= u_task_table

<input type="checkbox"/>	Name	Decision Type	Operation	Type	Active	Updated by	Updated
<input type="checkbox"/>	Search	Search	Search	Search	Search	Search	Search
	u_task_table_2	Allow If	create	record	true	admin	2026-02-10 00:54:09
<input checked="" type="checkbox"/>	u_task_table_2	Allow If	write	record	true	admin	2026-02-10 00:54:10
	u_task_table_2	Allow If	delete	record	true	admin	2026-02-10 00:54:10
	u_task_table_2	Allow If	read	record	true	admin	2026-02-10 00:54:09
	u_task_table_2.u_assigned_to	Allow If	write	record	true	admin	2026-02-10 22:22:00
	u_task_table_2.u_due_date	Allow If	write	record	true	admin	2026-02-10 22:20:55
	u_task_table_2.u_status	Allow If	write	record	true	admin	2026-02-10 22:16:31
	u_task_table_2.u_task_id	Allow If	write	record	true	admin	2026-02-10 22:23:15
	u_task_table_2.u_task_name	Allow If	write	record	true	admin	2026-02-10 22:24:08
	VA Channel Integration ACL	Allow If	execute	REST_Endpoint	true	admin	2023-04-05 00:28:13
	VA Designer Config	Allow If	execute	REST_Endpoint	true	admin	2024-05-22 12:09:23
	VaCallbackPropertyUtil	Allow If	execute	client_callable_script_include	true	admin	2022-05-09 01:51:24
	Valid employee profile user	Allow If	execute	REST_Endpoint	true	admin	2024-06-12 13:17:06
	ValidateAlternatePortal	Allow If	execute	client_callable_script_include	true	admin	2024-03-06 16:53:36
	ValidateAppVersionAjax	Allow If	execute	client_callable_script_include	true	admin	2021-10-05 03:00:09
	ValidateEnvironment	Allow If	execute	client_callable_script_include	true	admin	2022-01-06 09:58:13
	ValidateSACIsPortalRecord	Allow If	execute	client_callable_script_include	true	admin	2023-06-16 07:21:47
	ValidateTextIndexFields	Allow If	execute	client_callable_script_include	true	admin	2017-11-16 23:12:51
	validator_run_summary	Allow If	delete	record	true	system	2025-12-03 18:12:46
	validator_run_summary	Allow If	create	record	true	system	2025-12-03 18:12:46

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