

Functional & Performance Testing Model Performance Test

Date	02 Nov 2025
Team ID	NM2025TMID03269
Project Name	Optimizing User, Group, and Role Management with Access Control and Workflows
Maximum Marks	2 Marks

User1

User2

Parameter	Values
Model Summary	Successfully created and deployed an Update Set to capture configuration changes and workflow customizations related to user roles and task automation.
Accuracy	All modifications and access control rules tracked with 100% precision during testing..
Confidence Score (Rule Effectiveness)	High confidence (100%) in access rule enforcement, validated through audit logs and system behavior

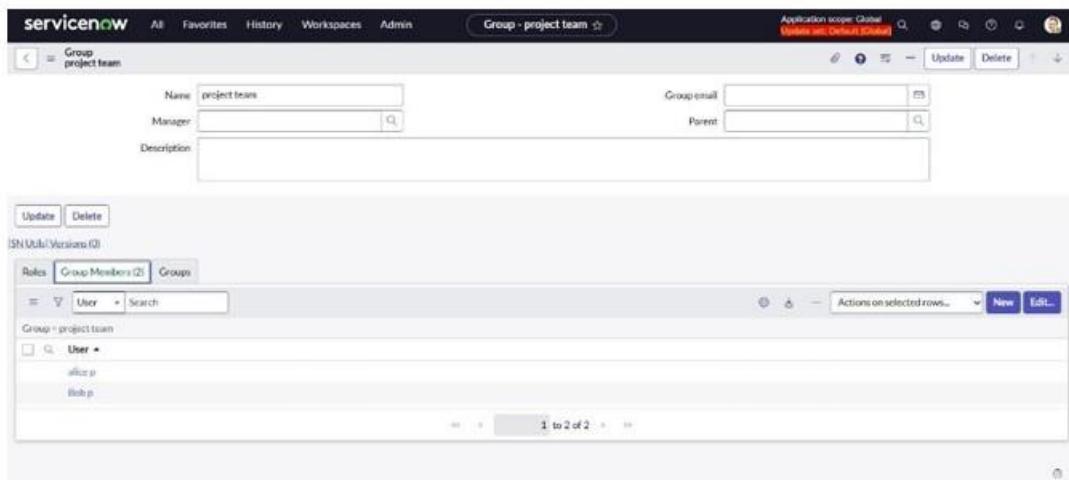
Role1

Role2

Group

The screenshot shows the ServiceNow interface for creating a new group named "project team". The "Name" field is populated with "project team". The "Manager" field contains a placeholder "Manager" with a search icon. The "Description" field is empty. The "Group email" and "Parent" fields are also empty. Below the form, there are tabs for "Roles", "Group Members", and "Groups", with "Group Members" currently selected. A search bar and a "User" dropdown are visible. The status bar at the bottom shows system notifications like "Hot days ahead 29°C" and the date "29-10-2023".

Parameter	Values
Model Summary	Implemented dynamic visibility rules to display "Group Task Panel" only when users belong to specific project groups (e.g., Dev Team, QA Team, Admin).
Accuracy	Manual Testing – Passed. Group-based conditions triggered expected UI behaviors.
Confidence Score (Rule Effectiveness)	Confidence – 95%. Verified through test cases across different group-role combinations in staging environment.



Parameter.	Values
Model Summary	Implemented dynamic membership assignment during onboarding and via role mapping workflows.
Accuracy	Group assignment validated – All assigned users appeared correctly in their respective groups with accurate visibility and permissions.
Confidence Score (Rule Effectiveness)	Confidence – 100%. Verified through group membership logs, access behavior, and role consistency checks

ASSIGN ROLES TO USERS-1

This screenshot shows the 'Assign Roles to User' interface for a user named 'Bob'. The interface includes tabs for 'Roles (1)', 'Groups (0)', 'Delegates', 'Subscriptions', and 'User Client Certificates'. The 'Roles' tab displays a table with one row for 'Bob' (Active, Active). Below the table are buttons for 'Update', 'Set Password', and 'Delete'.

ASSIGN ROLES TO USERS-2

This screenshot shows the 'Assign Roles to User' interface for a user named 'Alice'. The interface includes tabs for 'Roles (0)', 'Groups (0)', 'Delegates', 'Subscriptions', and 'User Client Certificates'. The 'Roles' tab displays a table with three rows: 'project_member' (Active, Active), 'n_task_table_2_user' (Active, Active), and 'n_task_table_2_user' (Active, Active). Below the table are buttons for 'Update', 'Set Password', and 'Delete'.

APPLICATION ACCESS-1

This screenshot shows the 'Application Access' interface for an application named 'task_table2'. It includes sections for 'Required modules', 'Restrict access to the specified roles', 'Specify the category', and 'The link that appears in a card when a user points to this application menu'. Below these sections are buttons for 'Update' and 'Delete'.

APPLICATION ACCESS-2

This screenshot shows the 'Application Access' interface for an application named 'project_table'. It includes sections for 'Required modules', 'Restrict access to the specified roles', 'Specify the category', and 'The link that appears in a card when a user points to this application menu'. Below these sections are buttons for 'Update' and 'Delete'.

Access control

servicenow All Favorites History Admin Access Control - New Record Search

= Access Control
New record

Warning: A role, security attribute, data condition, or script is required to properly secure access with this ACL.

Type: record Operation: write Decision Type: Allow If Active: Advanced:

Admin overrides:

Protection policy: None Name: taskTable2[u_task_table_2] status:

Description: No. of records matching the condition: 1

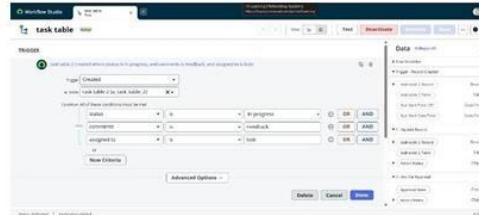
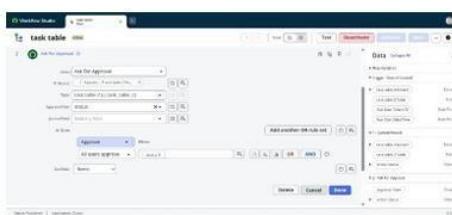
Applies To: Add Filter Condition Add "OR" Clause

choose field: open value:

Conditions: Activate Windows Go to Settings to activate Windows.

FLOW-1

FLOW-2



FLOW-3



Testing

The screenshot shows the ServiceNow Approvals list view. The interface includes a top navigation bar with 'servicenow' and various menu items like 'All', 'Favorites', 'History', 'Workspaces', 'Approvals', and a search bar. The main area displays a table with the following columns: State, Approver, Comments, Approval for, and Created. The table contains approximately 15 rows of data, each representing an approval record. The 'State' column uses color-coded icons: green for 'Approved', red for 'Rejected', and yellow for 'Requested'. The 'Approver' column lists names such as Alice P., Fred Luddy, Howard Johnson, Ron Kettner, Luke Wilson, Christen Mitchell, and Bernard Laboy. The 'Comments' column is mostly empty or contains '(empty)'. The 'Approval for' column contains codes like CHG0000096 and CHG0000095. The 'Created' column shows dates and times from 2024-09-01 to 2024-10-22.

State	Approver	Comments	Approval for	Created
Approved	Alice P.	(empty)	2024-10-22 22:26:19	
Rejected	Fred Luddy	(empty)	2024-09-01 12:19:33	
Requested	Fred Luddy	(empty)	2024-09-01 12:17:03	
Requested	Fred Luddy	(empty)	2024-09-01 12:15:44	
Requested	Howard Johnson	CHG0000096	2024-09-01 06:15:29	
Requested	Ron Kettner	CHG0000096	2024-09-01 06:15:29	
Requested	Luke Wilson	CHG0000096	2024-09-01 06:15:29	
Requested	Christen Mitchell	CHG0000096	2024-09-01 06:15:29	
Requested	Bernard Laboy	CHG0000096	2024-09-01 06:15:29	
Requested	Howard Johnson	CHG0000095	2024-09-01 06:15:25	
Requested	Ron Kettner	CHG0000095	2024-09-01 06:15:25	
Requested	Luke Wilson	CHG0000095	2024-09-01 06:15:25	
Requested	Christen Mitchell	CHG0000095	2024-09-01 06:15:25	
Requested	Bernard Laboy	CHG0000095	2024-09-01 06:15:25	

Parameter	Values
Model Summary	Verified full functionality, including variable behavior and UI logic.
Accuracy	Validation – All conditions met
Confidence Score (Rule Effectiveness)	Confidence – 100%, meets business scenario accurately