

# VECTR v7.0.0 Feature Breakdown

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# Support for Attribute Based Access Control

## What is it?

VECTR now supports Attribute Based Access Control (ABAC) to granularly control access to various resources in the VECTR application.

## How does it work?











From the Administration / Access Management section, you can create and manage Users:

The screenshot shows the 'Access Management / Users' page in the VECTR application. The page has a dark header with the VECTR logo and navigation icons. A sidebar on the left contains icons for home, star, user, group, policy, and settings. The main content area has tabs for GROUPS, USERS (selected), POLICIES, API KEYS, and SETTINGS. Below the tabs is a 'CREATE NEW USER' button and a search bar. A table lists the existing users.

Username	Groups	Last Activity	Password Age	Type	MFA
admin	Admins	a few seconds	Less than a day	Local Account	Not enabled

## Groups:

The screenshot shows the 'Access Management / Groups' page in the VECTR application. The page has a dark header with the VECTR logo and navigation icons. A sidebar on the left contains icons for home, star, user, group, policy, and settings. The main content area has tabs for GROUPS (selected), USERS, POLICIES, API KEYS, and SETTINGS. Below the tabs is a 'CREATE NEW GROUP' button and a search bar. A table lists the existing groups.

Group Name	Users	Description	Created	
Admins	1	Default admin group. User's in this group will have full access.	05/24/2021 13:22:53	 
BasicAccess	0	Default group that provides the ability to log in. All users should be added to this group.	05/24/2021 13:22:53	 
Editor	0	Default group that provides read, write, delete, and update permissions to all databases.	05/24/2021 13:22:53	 
ManageIAM	0	Default group that provides user access and policy management.	05/24/2021 13:22:53	 
ReadOnly	0	Default group that provides read only access to all databases.	05/24/2021 13:22:53	 

## And Policies:

The screenshot shows the VECTR Access Management / Policies interface. The main content area has tabs for GROUPS, USERS, POLICIES (selected), API KEYS, and SETTINGS. Below the tabs is a 'CREATE NEW POLICY' button and a search bar. The table below lists various system-managed policies.

Policy Name	Type	Used By	Description	Created
AdminFullAccess	System Managed	2	Provides full access to all resources.	05/24/2021 13:22:54
AllDatabaseFullAccess	System Managed	1	Provides access to perform read and write operations on all databases.	05/24/2021 13:22:54
AllDatabaseReadOnly	System Managed	1	Provides access to perform read operations on all databases.	05/24/2021 13:22:54
AnyPathResourceFullAccess	System Managed	1	Provides any authenticated user read/write access to any path resource.	05/24/2021 13:22:54
AnyPathResourceReadOnly	System Managed	1	Provides any authenticated user read-only access to any path resource. This covers API endpoints that do not use a database.	05/24/2021 13:22:54
AppSettingsReadOnly	System Managed	1	Provides the ability for a user to read application configuration.	05/24/2021 13:22:54
GoldStandardReadOnly	System Managed	1	Provides read only access to the GoldStandard database. This policy applies to all users as read permission on GoldStandard is required for proper VECTR functionality.	05/24/2021 13:22:54
GraphQLIntrospectionAllow	System Managed	1	Allows any authenticated user to perform introspection queries against GraphQL.	05/24/2021 13:22:54
IAMFullAccess	System Managed	1	Provides the ability to manage users and permissions.	05/24/2021 13:22:54
TokenRefreshAccess	System Managed	1	Provides the ability for a user to refresh their access token.	05/24/2021 13:22:54
UserProfileAccess	System Managed	1	Provides the ability for a user to edit their own information.	05/24/2021 13:22:54

## How can this feature help me?

Allows for restricting access to VECTR resources across Groups and Users.

Full documentation available on <https://docs.vectr.io/iam>