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**Policy as Code Documentation**

BigQuery Sentinel Policies

7.1 Ensure That BigQuery Datasets Are Not Anonymously or Publicly Accessible.

***Sentinel Policy Name:***

* + 7.1 Ensure That BigQuery Datasets Are Not Anonymously or Publicly Accessible.

***Category:***

* + BigQuery

***Description of Policy:***

* + Granting permissions to 'allUsers' or 'allAuthenticatedUsers' allows anyone to access the BigQuery dataset. Such access might not be desirable if sensitive data is being stored in the dataset. Therefore, ensure that anonymous and/or public access to a dataset is not allowed.

***Sentinel Policy Restriction:***

* + It is recommended that the IAM policy on BigQuery datasets does not allow anonymous and/or public access.

***Terraform attributes:***

* + - Provider Ref: [google\_bigquery\_dataset\_iam | Resources | hashicorp/google | Terraform Registry](https://registry.terraform.io/providers/hashicorp/google/latest/docs/resources/bigquery_dataset_iam#google_bigquery_dataset_iam_policy)

***Test cases:***

**Pass cases**

* + For resource 'google\_bigquery\_dataset\_iam\_binding' and 'google\_bigquery\_dataset\_iam\_policy' the 'members' attribute does NOT contain 'allUsers' or 'allAuthenticatedUsers'

"after" : 
"condition" : 
"dataset id": 
"members": [ 
o, 
"example_dataset" , 

**Fail case:**

* + For resource 'google\_bigquery\_dataset\_iam\_binding' and 'google\_bigquery\_dataset\_iam\_policy' the 'members' attribute contains 'allUsers' and/or 'allAuthenticatedUsers'

"values": 
"condition" : 
"dataset id"• 
"nembers": [ 
o, 
"example_dataset", 
uwthenticatedUsers" , 