Unable to enable Policy append for firewall rules to DBforPostgresql

Last updated by | Lisa Liu | Nov 6, 2020 at 10:34 AM PST

Unable to enable Policy append for firewall rules to DBforPostgresql

Wednesday, September 25, 2019
12:57 PM

```
Error: policy.DefinitionsClient#CreateOrUpdate: Failure responding to request: BLOB
StatusCode=400 -- Original Error: autorest/azure: Service returned an error. Status=400 Code='InvalidPolicyAlias' Message='The policy
definition 'Config helper for Firewall on PostgreSQL' rule is invalid. The 'field' property
'Microsoft.DBforPostgreSql/servers/firewallRules' of the policy rule doesn't exist as an alias under provider 'Microsoft.DBforPostgreSql'
and resource type 'servers'. The supported aliases are 'Microsoft.DBforPostgreSQL/servers/sku.name;
```

Solution:
=======
Please try this command: "az provider show --namespace Microsoft.DBforPostgresql --expand "resourceTypes/aliases" --query "resourceTypes[].aliases[].name"
ref: https://docs.microsoft.com/en-us/azure/governance/policy/concepts/definition-structure#aliases

```
 "Microsoft.DBforPostgreSQL/servers/sku.name",
 "Microsoft.DBforPostgreSQL/servers/sku.tier",
 "Microsoft.DBforPostgreSQL/servers/sku.family",
 "Microsoft.DBforPostgreSQL/servers/sku.capacity",
 "Microsoft.DBforPostgreSQL/servers/administratorLogin",
 "Microsoft.DBforPostgreSQL/servers/storageProfile",
 "Microsoft.DBforPostgreSQL/servers/storageProfile.storageMB",
 "Microsoft.DBforPostgreSQL/servers/storageProfile.backupRetentionDays",
 "Microsoft.DBforPostgreSQL/servers/storageProfile.geoRedundantBackup",
 "Microsoft.DBforPostgreSQL/servers/version",
 "Microsoft.DBforPostgreSQL/servers/sslEnforcement",
 "Microsoft.DBforPostgreSQL/servers/userVisibleState",
 "Microsoft.DBforPostgreSQL/servers/fullyQualifiedDomainName",
 "Microsoft.DBforPostgreSQL/servers/earliestRestoreDate",
 "Microsoft.DBforPostgreSQL/servers/replicationRole",
 "Microsoft.DBforPostgreSQL/servers/masterServerId",
 "Microsoft.DBforPostgreSQL/servers/replicaCapacity",
 "Microsoft.DBforPostgreSQL/servers/sku.size",
 "Microsoft.DBforPostgreSQL/servers/sku",
 "Microsoft.DBforPostgreSQL/servers/storageProfile.storageAutogrow",
 "Microsoft.DBforPostgreSQL/servers/virtualNetworkRules/virtualNetworkSubnetId",
 "Microsoft.DBforPostgreSQL/servers/virtualNetworkRules/ignoreMissingVnetServiceEndpoint",
 "Microsoft.DBforPostgreSQL/servers/virtualNetworkRules/state",
 "Microsoft.DBforPostgreSQL/servers/firewallRules/startIpAddress",
 "Microsoft.DBforPostgreSQL/servers/firewallRules/endIpAddress",
 "Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/state",
 "Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/disabledAlerts",
 "Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/disabledAlerts[*]",
 "Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/emailAddresses",
"Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/emailAddresses[*]",
"Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/emailAccountAdmins",
 "Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/storageEndpoint",
 "Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/storageAccountAccessKey",
 "Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/retentionDays",
 "Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/Default.state",
 "Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/Default.disabledAlerts[*]",
 "Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/Default.disabledAlerts",
 "Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/Default.emailAddresses[*]",
 "Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/Default.emailAddresses",
 "Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/Default.emailAccountAdmins",
 "Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/Default.storageEndpoint",
 "Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/Default.storageAccountAccessKey",
 "Microsoft.DBforPostgreSQL/servers/securityAlertPolicies/Default.retentionDays",
 "Microsoft.DBforPostgreSQL/servers/configurations/description",
 "Microsoft.DBforPostgreSQL/servers/configurations/defaultValue",
 "Microsoft.DBforPostgreSQL/servers/configurations/dataType",
```

"Microsoft.DBforPostgreSQL/servers/configurations/allowedValues",
"Microsoft.DBforPostgreSQL/servers/configurations/source",
"Microsoft.DBforPostgreSQL/servers/configurations/value",
"Microsoft.DBforPostgreSQL/servers/databases/charset",
"Microsoft.DBforPostgreSQL/servers/databases/collation"

so we have support for the following two Firewall policies:
"Microsoft.DBforPostgreSQL/servers/firewallRules/startIpAddress",
"Microsoft.DBforPostgreSQL/servers/firewallRules/endIpAddress",

Created with Microsoft OneNote 2016.

How good have you found this content?