Unable to enable Policy append for firewall rules

Last updated by | Lisa Liu | Nov 6, 2020 at 10:36 AM PST

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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",
```

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