

AuditIfNotExists

Last updated by | Hamza Aqel | Aug 17, 2022 at 3:19 AM PDT

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AuditIfNotExists

Another example for Azure Policy, where the customer is willing to AuditIfNotExists any Azure database for PostgreSQL flexible server based on certain server parameter value or certain criteria, you can use the below sample:

```
{
  "mode": "All",
  "policyRule": {
    "if": {
      "allOf": [
        {
          "field": "type",
          "equals": "Microsoft.DBforPostgreSQL/flexibleServers"
        }
      ]
    },
    "then": {
      "effect": "[parameters('effect')]",
      "details": {
        "type": "Microsoft.DBforPostgreSQL/flexibleServers/configurations",
        "name": "log_duration",
        "existenceCondition": {
          "field": "Microsoft.DBforPostgreSQL/flexibleServers/configurations/value",
          "equals": "ON"
        }
      },
      "roleDefinitionIds": [
```

```
"/providers/microsoft.authorization/roleDefinitions/b24988ac-6180-42a0-ab88-20f7382dd24c"

],

"deployment": {

  "properties": {

    "mode": "incremental",

    "template": {

      "$schema": "https://schema.management.azure.com/schemas/2019-04-01/deploymentTemplate.json#",

      "contentVersion": "1.0.0.0",

      "parameters": {

        "serverName": {

          "type": "string"

        }

      },

      "variables": {},

      "resources": [

        {

          "name": "[concat(parameters('serverName'), '/log_duration')]",

          "type": "Microsoft.DBforPostgreSQL/flexibleServers/configurations",

          "apiVersion": "2022-01-20-preview",

          "properties": {

            "value": "ON",

            "source": "user-override"

          }

        }

      ]

    },

    "parameters": {

      "serverName": {

        "value": "[field('name')]"

      }

    }

  }

}
```

```
    }  
  }  
}  
}  
}  
},  
"parameters": {  
  "effect": {  
    "type": "String",  
    "metadata": {  
      "displayName": "Effect",  
      "description": "Enable or disable the execution of the policy"  
    },  
    "allowedValues": [  
      "AuditIfNotExists",  
      "Disabled"  
    ],  
    "defaultValue": "AuditIfNotExists"  
  }  
}
```

For Further use cases for Azure policy, you can share your ideas with the EEE team / haaqel@microsoft.com