

Governance and risk / Policies /

# Create policy ⓘ

Cancel

Create

Name

demo-policy

Specifications ⓘ

Cluster selector ⓘ

Standards ⓘ

Categories ⓘ

Controls ⓘ

Begin typing to search for label to select

☐ Enforce if supported ⓘ

Policy YAML

Search

```
1  apiVersion: policy.mcm.ibm.com/v1alpha1
2  kind: Policy
3  metadata:
4    name: demo-policy
5    namespace: kube-system
6    annotations:
7      policy.mcm.ibm.com/standards: PCI
8      policy.mcm.ibm.com/categories: SystemAndCommunicationsProtections
9      policy.mcm.ibm.com/controls:
10 spec:
11   complianceType: musthave
12   remediationAction: inform
13   namespaces:
14     exclude: ["kube-*"]
15     include: ["default"]
16   role-templates:
17     - apiVersion: roletemplate.mcm.ibm.com/v1alpha1 # role must follow defined permissions
18       metadata:
19         namespace: "" # will be inferred
20         name: operator-role-policy
21       selector:
22         matchLabels:
23           dev: "true"
24       complianceType: musthave # at this level, it means the role must exist with the rules that it musthave below
25       rules:
26         - complianceType: musthave # at this level, it means if the role exists the rule is a musthave
27           policyRule:
28             apiGroups: ["extensions", "apps"]
29             resources: ["deployments"]
30             verbs: ["get", "list", "watch", "create", "delete", "patch"]
31         - complianceType: "mustnothave" # at this level, it means if the role exists the rule is a mustnothave
32           policyRule:
33             apiGroups: ["core"]
34             resources: ["secrets"]
35             verbs: ["get", "list", "watch", "delete", "create", "update", "patch"]
36
37 ---
38 apiVersion: mcm.ibm.com/v1alpha1
39 kind: PlacementBinding
40 metadata:
41   name: binding-demo-policy
42   namespace: kube-system
43 placementRef:
```

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Specifications ⓘ

1 x Role

- ☐ Limitrange-limit memory usage
- ☐ Mutationpolicy-no mutation allowed
- ☐ Namespace-must have namespace 'prod'
- ☐ Networkpolicy-deny network request
- ☐ Pod-nginx pod must exist
- ☐ Podsecuritypolicy-no privileged pods
- ☒ Role-role must follow defined permissions
- ☐ Rolebinding-role binding must exist
- ☐ Secretencryptionpolicy-Kubernetes secrets encryption
- ☐ Vulnerabilitypolicy-detect image vulnerabilities

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Governance and risk ⓘ

Refresh every 10s | Filter  
Last update: 9:52:02 AM

Overview Policies Security findings

Create policy

Summary Standards Want to see less information? Collapse summary ^

PCI


1 / 2

CLUSTER VIOLATIONS

1 / 1


POLICY VIOLATIONS

FISMA



No violations

NIST



No violations

Search policies Policies Cluster violations

Policy name	Remediation	Cluster violations	Standards	Controls	Categories
policy-all	inform	0/1	NIST	-	System And Information Integrity
policy-mcm	inform	0/3	FISMA	-	System And Communications Protections
policy-network	inform	0/1	NIST	-	System And Communications Protections
policy-prod	inform	1/2	PCI	-	System And Communications Protections, System And Information Integrity
policy-rhocp-sdn	inform	0/2	FISMA	-	System And Communications Protections

items per page 10 | 1-5 of 5 items

# Welcome, let's get started.

The IBM® Cloud Pak for Multicloud Management, running on Red Hat® OpenShift®, provides consistent visibility, governance, and automation from on premises to the edge. Enterprises gain capabilities such as multicluster management, event management, application management and infrastructure management. Enterprises can use this IBM Cloud Pak to help increase operational efficiency that is driven by intelligent data, analysis, and predictive golden signals, and gain built-in support for their compliance management.



## Define and deploy your own applications

Use policy based deployment to automate across environments.

[Docs](#)



## Be notified when problems occur

Set up procedures and automation.

[Docs](#)



## Monitor your application performance

As well as your infrastructure, including components in and outside Kubernetes.

[Docs](#)



## Automate cloud provisioning

Customize how you want to provision clusters and infrastructure.

[Docs](#)

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22 placementRef:
23   name: placement-demo-policy
24   kind: PlacementPolicy
25   apiGroup: mcm.ibm.com
26 subjects:
27 - name: demo-policy
28   kind: Policy
29   apiGroup: policy.mcm.ibm.com
30 ---
31 apiVersion: mcm.ibm.com/v1alpha1
32 kind: PlacementPolicy
33 metadata:
34   name: placement-demo-policy
35   namespace: kube-system
36 spec:
37   clusterLabels:
38     matchExpressions:
```