

CRD Schema Documentation - postgresql.cnpg.io API Group

> **Generated:** 2025-09-07 15:00:40 > > **Total CRDs:** 10 > > **API Groups:** 1 > > **Description:** Complete schema documentation for Kubernetes Custom Resource Definitions (CRDs), including property definitions, types, relationships, and visual diagrams.

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Executive Summary

Overview

This document provides comprehensive schema documentation for **10 Custom Resource Definitions** distributed across **1 API groups** in your Kubernetes cluster.

Key Statistics

Metric	Value
Total CRDs	10
API Groups	1
Total Instances	0
Namespaced CRDs	9 (90.0%)
Cluster-scoped CRDs	1 (10.0%)
Schema Coverage	0/10 (0.0%)

Distribution Analysis

Largest API Groups (by CRD count)

- 1. **postgresql.cnpg.io**: 10 CRDs

Schema Analysis

■ ■ **Note:** No OpenAPI schemas found for the CRDs. Diagrams will show basic CRD metadata only.

postgresql.cnpg.io

Overview

API Group: postgresql.cnpg.io **CRDs in Group:** 10 **Total Instances:** 0

CRDs in this Group

Kind	Scope	Version	Instances	Description
`Backup`	Namespaced	v1	0	*No description available*
`Cluster`	Namespaced	v1	0	*No description available*
`ClusterImageCatalog`	Cluster	v1	0	*No description available*
`Database`	Namespaced	v1	0	*No description available*
`FailoverQuorum`	Namespaced	v1	0	*No description available*
`ImageCatalog`	Namespaced	v1	0	*No description available*
`Pooler`	Namespaced	v1	0	*No description available*
`Publication`	Namespaced	v1	0	*No description available*
`ScheduledBackup`	Namespaced	v1	0	*No description available*
`Subscription`	Namespaced	v1	0	*No description available*

Schema Diagram

```
classDiagram
%% API Group: postgresql.cnpg.io
class postgresql_cnpg_io_Backup {
+string kind: Backup
+string apiVersion: postgresql.cnpg.io/v1
+string scope: Namespaced
+object spec
+object status
}
postgresql_cnpg_io_Backup : <>
class postgresql_cnpg_io_Cluster {
+string kind: Cluster
+string apiVersion: postgresql.cnpg.io/v1
+string scope: Namespaced
+object spec
+object status
}
postgresql_cnpg_io_Cluster : <>
class postgresql_cnpg_io_ClusterImageCatalog {
+string kind: ClusterImageCatalog
+string apiVersion: postgresql.cnpg.io/v1
+string scope: Cluster
+object spec
+object status
}
postgresql_cnpg_io_ClusterImageCatalog : <>
class postgresql_cnpg_io_Database {
+string kind: Database
+string apiVersion: postgresql.cnpg.io/v1
+string scope: Namespaced
+object spec
+object status
}
postgresql_cnpg_io_Database : <>
class postgresql_cnpg_io_FailoverQuorum {
+string kind: FailoverQuorum
+string apiVersion: postgresql.cnpg.io/v1
+string scope: Namespaced
+object spec
+object status
}
postgresql_cnpg_io_FailoverQuorum : <>
class postgresql_cnpg_io_ImageCatalog {
+string kind: ImageCatalog
+string apiVersion: postgresql.cnpg.io/v1
+string scope: Namespaced
+object spec
+object status
}
postgresql_cnpg_io_ImageCatalog : <>
class postgresql_cnpg_io_Pooler {
+string kind: Pooler
+string apiVersion: postgresql.cnpg.io/v1
+string scope: Namespaced
+object spec
+object status
}
postgresql_cnpg_io_Pooler : <>
class postgresql_cnpg_io_Publication {
+string kind: Publication
+string apiVersion: postgresql.cnpg.io/v1
+string scope: Namespaced
+object spec
+object status
}
postgresql_cnpg_io_Publication : <>
class postgresql_cnpg_io_ScheduledBackup {
+string kind: ScheduledBackup
+string apiVersion: postgresql.cnpg.io/v1
+string scope: Namespaced
+object spec
+object status
}
postgresql_cnpg_io_ScheduledBackup : <>
class postgresql_cnpg_io_Subscription {
+string kind: Subscription
+string apiVersion: postgresql.cnpg.io/v1
+string scope: Namespaced
+object spec
+object status
}
postgresql_cnpg_io_Subscription : <>
```

Detailed CRD Documentation

Backup

Full Name: backups.postgresql.cnpg.io **API Version:** postgresql.cnpg.io/v1 **Scope:** Namespaced **Instances:** 0

No OpenAPI schema available

Cluster

Full Name: clusters.postgresql.cnpg.io **API Version:** postgresql.cnpg.io/v1
Scope: Namespaced **Instances:** 0

No OpenAPI schema available

ClusterImageCatalog

Full Name: clusterimagecatalogs.postgresql.cnpg.io **API Version:** postgresql.cnpg.io/v1
Scope: Cluster **Instances:** 0

No OpenAPI schema available

Database

Full Name: databases.postgresql.cnpg.io **API Version:** postgresql.cnpg.io/v1
Scope: Namespaced **Instances:** 0

No OpenAPI schema available

FailoverQuorum

Full Name: failoverquorums.postgresql.cnpg.io **API Version:** postgresql.cnpg.io/v1
Scope: Namespaced **Instances:** 0

No OpenAPI schema available

ImageCatalog

Full Name: imagecatalogs.postgresql.cnpg.io **API Version:** postgresql.cnpg.io/v1
Scope: Namespaced **Instances:** 0

No OpenAPI schema available

Pooler

Full Name: poolers.postgresql.cnpg.io **API Version:** postgresql.cnpg.io/v1 **Scope:** Namespaced **Instances:** 0

No OpenAPI schema available

Publication

Full Name: publications.postgresql.cnpg.io **API Version:** postgresql.cnpg.io/v1
Scope: Namespaced **Instances:** 0

No OpenAPI schema available

ScheduledBackup

Full Name: scheduledbackups.postgresql.cnpg.io **API Version:** postgresql.cnpg.io/v1
Scope: Namespaced **Instances:** 0

No OpenAPI schema available

Subscription

Full Name: subscriptions.postgresql.cnpg.io **API Version:** postgresql.cnpg.io/v1
Scope: Namespaced **Instances:** 0

No OpenAPI schema available

■ Appendices

CRD Index

Complete alphabetical index of all Custom Resource Definitions:

CRD Name	Kind	API Group	Scope	Instances
`backups.postgresql.cnpg.io`	`Backup`	`postgresql.cnpg.io`	Namespaced	0

`clusterimagecatalogs.postgresql.cnpg.io`	`ClusterImageCatalog`	`postgresql.cnpg.io`	Cluster	0
`clusters.postgresql.cnpg.io`	`Cluster`	`postgresql.cnpg.io`	Namespaced	0
`databases.postgresql.cnpg.io`	`Database`	`postgresql.cnpg.io`	Namespaced	0
`failoverquorums.postgresql.cnpg.io`	`FailoverQuorum`	`postgresql.cnpg.io`	Namespaced	0
`imagecatalogs.postgresql.cnpg.io`	`ImageCatalog`	`postgresql.cnpg.io`	Namespaced	0
`poolers.postgresql.cnpg.io`	`Pooler`	`postgresql.cnpg.io`	Namespaced	0
`publications.postgresql.cnpg.io`	`Publication`	`postgresql.cnpg.io`	Namespaced	0
`scheduledbackups.postgresql.cnpg.io`	`ScheduledBackup`	`postgresql.cnpg.io`	Namespaced	0
`subscriptions.postgresql.cnpg.io`	`Subscription`	`postgresql.cnpg.io`	Namespaced	0

Property Types Summary

No property type information available

Relationship Matrix

Schema-based relationships detected between CRDs:

No schema-based relationships detected

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