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Cloud DNS › Documentation › Reference

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REST Resource: managedZones

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Resource: ManagedZone

   DnsSecConfig

   State

   NonExistenceType

   Visibility

   PrivateVisibilityConfig

   Network

   GKECluster

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```
"visibility": enum (Visibility),
"privateVisibilityConfig": {
  object (PrivateVisibilityConfig)
},
"forwardingConfig": {
  object (ForwardingConfig)
},
"labels": {
  string: string,
  ...
},
"peeringConfig": {
  object (PeeringConfig)
},
"reverseLookupConfig": {
  object (ReverseLookupConfig)
},
"serviceDirectoryConfig": {
  object (ServiceDirectoryConfig)
}
```

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A mutable string of at most 1024 characters associated with this resource for the user's convenience. Has no effect on the managed zone's function.

id

string (`uint64` format)

Unique identifier for the resource; defined by the server (output only)

nameServers[]

string

Delegate your managedZone to these virtual name servers; defined by the server (output only)

creationTime

string

The time that this resource was created on the server. This is in RFC3339 text format. Output only.

dnssecConfig

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object (ForwardingConfig)

The presence for this field indicates that outbound forwarding is enabled for this zone. The value of this field contains the set of destinations to forward to.

labels

map (key: string, value: string)

User labels.

An object containing a list of "key": value pairs. Example: { "name": "wrench", "mass": "1.3kg", "count": "3" }.

peeringConfig

object (PeeringConfig)

The presence of this field indicates that DNS Peering is enabled for this zone. The value of this field contains the network to peer with.

reverseLookupConfig

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```
  "state": enum (State),
  "defaultKeySpecs": [
    {
      object (DnsKeySpec)
    }
  ],
  "nonExistence": enum (NonExistenceType),
  "kind": string
}
```

Fields

state

enum (State)

Specifies whether DNSSEC is enabled, and what mode it is in.

defaultKeySpecs[]

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DNSSEC is enabled; the zone is signed and fully managed.

`transfer`

DNSSEC is enabled, but in a "transfer" mode.

NonExistenceType

Enums
`nsec`
Indicates that Cloud DNS will sign records in the managed zone according to RFC 4034 and respond with NSEC records for names that do not exist.
`nsec3`
Indicates that Cloud DNS will sign records in the managed zone according to RFC 5155 and respond with NSEC3 records for names that do not exist.

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```
      object (Network)
    }
  ],
  "gkeClusters": [
    {
      object (GKECluster)
    }
  ],
  "kind": string
}
```

Fields

networks[]

object (Network)

The list of VPC networks that can see this zone.

gkeClusters[]

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The fully qualified URL of the VPC network to bind to. Format this URL like
`https://www.googleapis.com/compute/v1/projects/{project}/global/networks/{network}`

kind
string

GKECluster

JSON representation

```
{
  "gkeClusterName": string,
  "kind": string
}
```

Fields

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```
  },
  "kind": string
}
```

Fields

`targetNameServers[]`

object (`NameServerTarget`)

managedZones.list of target name servers to forward to. Cloud DNS selects the best available name server if more than one target is given.

`kind`

`string`

NameServerTarget

string

IPv6 address of a target name server. Does not accept both fields (ipv4 & ipv6) being populated. Public preview as of November 2022.

kind
string

ForwardingPath

Enums
default

Cloud DNS makes forwarding decisions based on address ranges; that is, RFC1918 addresses forward to the target through the VPC and non-RFC1918 addresses forward to the target through

kind
string

TargetNetwork

JSON representation

```
{
  "networkUrl": string,
  "deactivateTime": string,
  "kind": string
}
```

Fields
networkUrl

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```
    "kind": string
}
```

Fields
kind
string

ServiceDirectoryConfig

Contains information about Service Directory-backed zones.

JSON representation
| ```
{
  "namespace": {
    object (Namespace)
``` |

```
  "kind": string
}
```

Fields

namespaceUrl

string

The fully qualified URL of the namespace associated with the zone. Format must be
`https://servicedirectory.googleapis.com/v1/projects/{project}/locations/{location}/namespaces/{namespace}`

deletionTime

string

The time that the namespace backing this zone was deleted; an empty string if it still exists. This is in RFC3339 text format. Output only.

kind

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kind

string

Methods

create

Creates a new ManagedZone.

delete

Deletes a previously created ManagedZone.

get

Fetches the representation of an existing ManagedZone.

getIamPolicy

Gets the access control policy for a resource.

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Last updated 2024-05-28 UTC.

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