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REST Resource: managedZones

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Resource: ManagedZone

A zone is a subtree of the DNS namespace under one administrative responsibility. A ManagedZone is a resource that represents a DNS zone hosted by the Cloud DNS service.

JSON representation

{
 "name": string,
 "dnsName": string,
 "description": string,
 "id": string,
 "nameServers": [
 string
],
 "creationTime": string,
 "dnssecConfig": {
 object (DnsSecConfig)
 },
 "nameServerSet": string,
 "visibility": enum (Visibility),
}

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Fields

name	string
	User assigned name for this resource. Must be unique within the project. The name must be 1-63 characters long, must begin with a letter, end with a letter or digit, and only contain lowercase letters, digits or dashes.
dnsName	string
	The DNS name of this managed zone, for instance "example.com.".
description	string
	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	object (DnsSecConfig)
	DNSSEC configuration.
nameServerSet	string
	Optionally specifies the NameServerSet for this ManagedZone. A NameServerSet is a set of DNS name servers that all host the same ManagedZones. Most users leave this field unset. If you need to use this field, contact your account team.
visibility	enum (Visibility)
	The zone's visibility: public zones are exposed to the Internet, while private zones are visible only to Virtual Private Cloud resources.

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	The presence of this field indicates that this is a managed reverse lookup zone and Cloud DNS resolves reverse lookup queries using automatically configured records for VPC resources. This only applies to networks listed under privateVisibilityConfig.
serviceDirectoryConfig	object (ServiceDirectoryConfig) This field links to the associated service directory namespace. Do not set this field for public zones or forwarding zones.
cloudLoggingConfig	object (CloudLoggingConfig)
kind	string

DnsSecConfig

JSON representation

```
{  "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[]	object (DnsKeySpec) Specifies parameters for generating initial DnsKeys for this ManagedZone. Can only be changed while the state is OFF.
nonExistence	enum (NonExistenceType) Specifies the mechanism for authenticated denial-of-existence responses. Can only be changed while the state is

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GKECluster

JSON representation

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

Fields

gkeClusterName	string
	The resource name of the cluster to bind this ManagedZone to. This should be specified in the format like: projects/*/locations/*/clusters/*. This is referenced from GKE projects.locations.clusters.get API: https://cloud.google.com/kubernetes-engine/docs/reference/rest/v1/projects.locations.clusters/g
kind	string

ForwardingConfig

JSON representation

```
{  "targetNameServers": [    {      object (NameServerTarget)    }  ],  "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

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ipv6Address	string
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 the internet
private	Cloud DNS always forwards to this target through the VPC.

PeeringConfig

JSON representation	
<pre>{ "targetNetwork": { object (TargetNetwork) }, "kind": string}</pre>	
Fields	
targetNetwork	object (TargetNetwork) The network with which to peer.
kind	string

TargetNetwork

JSON representation	
<pre>{</pre>	



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ReverseLookupConfig

JSON representation

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

Fields

kind	string
------	--------

ServiceDirectoryConfig

Contains information about Service Directory-backed zones.

JSON representation

```
{
  "namespace": {
    object (Namespace)
  },
  "kind": string
}
```

Fields

namespace	object (Namespace) Contains information about the namespace associated with the zone.
kind	string

Namespace

JSON representation

```
{
  "namespaceUrl": string,
  "deletionTime": string,
  "kind": string
}
```



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```
{
  "enableLogging": boolean,
  "kind": string
}
```

Fields

enableLogging	boolean If set, enable query logging for this ManagedZone. False by default, making logging opt-in.
kind	string

Methods

<code>create</code>	Creates a new ManagedZone.
<code>delete</code>	Deletes a previously created ManagedZone.
<code>get</code>	Fetches the representation of an existing ManagedZone.
<code>getIamPolicy</code>	Gets the access control policy for a resource.
<code>list</code>	Enumerates ManagedZones that have been created but not yet deleted.
<code>patch</code>	Applies a partial update to an existing ManagedZone.
<code>setIamPolicy</code>	Sets the access control policy on the specified resource.
<code>testIamPermi...</code>	Returns permissions that a caller has on the specified resource.
<code>update</code>	Updates an existing ManagedZone.

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