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## simple ASM cluster #1205

[Closed](#)

yugandhar-btc opened this issue on Apr 8, 2022 · 4 comments

Assignees



Labels

bug

yugandhar-btc commented on Apr 8, 2022 • edited ▼

I am trying to create simple ASM cluster and my *main.tf* is below, what I have done is, I just declared variables in my *main.tf*, usually I think it should work, could you please help me what went wrong please?

```
module "asm" {
  source          = "terraform-google-modules/kubernetes-engine/google//modules/asm"
  project_id      = "..."
  cluster_name    = "..."
  cluster_location = "..."
  channel         = "regular"
  multicluster_mode = "connected"
  enable_cni      = false
}
```

ERROR:-

```
Error: Call to unknown function

on .terraform/modules/asm/modules/asm/variables.tf line 42, in variable "channel":
42:   condition = anytrue([
43:     var.channel == "rapid",
44:     var.channel == "regular",
45:     var.channel == "stable",
46:     var.channel == "", // if unset, use GKE data source and use release cluster channel
47:   ])
   |
   | var.channel is "regular"
```

There is no function named "anytrue".

```
Error: Call to unknown function

on .terraform/modules/asm/modules/asm/variables.tf line 57, in variable "multicluster_mode":
57:   condition = anytrue([
58:     var.multicluster_mode == "manual",
59:     var.multicluster_mode == "connected",
60:   ])
   |
   | var.multicluster_mode is "connected"
```

There is no function named "anytrue".

```
module asm {  
  source      = "terraform-google-modules/kubernetes-engine/google//modules/asm"  
  channel     = "regular"  
  multicluster_mode = "connected"  
  enable_cni   = false  
}
```

## Terraform Version

Terraform v0.13.0

## Additional information

*No response*

  **yugandhar-btc** added the `bug` label on Apr 8, 2022

  **apeabody** self-assigned this on Apr 8, 2022

**apeabody** commented on Apr 8, 2022

Hi **@yugandhar-btc** thanks for the report. I believe that the function `anytrue` requires Terraform v0.14 or later, and it appears from above you are using Terraform v0.13.0.

Could you please re-try with Terraform v0.14 or later, and if it is still failing provide an updated example?

  **apeabody** mentioned this issue on Apr 8, 2022

### Update modules/asm to require TF v0.14+ #1206

✓ Closed

**yugandhar-btc** commented on Apr 8, 2022

**@apeabody** Thank you!! So much.. and `tf plan` is successfully initialized

But while iam applying the `tf apply` i cloud see below error, could you please help with this? thanks in advance!!!

module.asm.kubernetes\_namespace.system: Creating...

Error: Post "<http://localhost/api/v1/namespaces>": dial tcp [::1]:80: connect: connection refused

 **apecbody** mentioned this issue on Apr 8, 2022

## The Kubernetes provider appears to fallback to localhost cluster #1208

✓ Closed

**apecbody** commented on Apr 8, 2022

Hi **@yugandhar-btc**

I suspect the underlying kubernetes provider maybe defaulting to `localhost` as noted in your error. I've opened [#1208](#) to investigate.

If you are attempting to use with an existing GKE cluster, you might try adding the following with the correct values for your GKE cluster:

```
data "google_client_config" "default" {}

provider "kubernetes" {
  host          = "https://${module.gke.endpoint}"
  token         = data.google_client_config.default.access_token
  cluster_ca_certificate = base64decode(module.gke.ca_certificate)
}
```

Alternatively you might want to look at this [example](#) which creates a GKE cluster with ASM.

 **apecbody** added the `triaged` label on Apr 13, 2022

 **apecbody** removed the `triaged` label on Jul 29, 2022

**apecbody** commented on Jul 29, 2022

Hi **@yugandhar-btc** - The documentation has been updated to include the required [Kubernetes provider configuration](#).

 **apecbody** closed this as completed on Jul 29, 2022

### Assignees

 **apecbody**

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**Projects**

None yet

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**Milestone**

No milestone

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**Development**

No branches or pull requests

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**2 participants**

