Fixing cert-manager Errors

Invalid JWT Signature

Problem

Here is the error where this comes up:

```
GoogleCloud API call failed: Get https://www.googleapis.com/dns/v
1/projects/ufincs2/managedZones?alt=json\u0026dnsName=ufincs.com.\
u0026prettyPrint=false: oauth2: cannot fetch token: 400 Bad Request\
nResponse: {"error":"invalid_grant","error_description":"Invalid J
WT Signature."}
```

Here is a sample logs file:

Solution

So far, all I've tried is the following:

i. Delete the existing `clouddns-service-account` secret:
   - `kubectl delete secret clouddns-service-account --namespace cert-manager`

ii. Create a new service account key using Kubails:
   - `kubails infra authenticate`

iii. Re-create the secret:
   - `cp ufincs-account.json service-account.json`
   - `kubectl create secret generic clouddns-service-account --from-file service-account.json`
   - Note: I don't remember if having `service-account.json` be the file name is actually important or not, but that's how it is when it's deployed from Kubails.

Right now I'm just waiting for `cert-manager` to try and process the certificate request again, because it said that it was going to re-schedule it for in an hour because it was in a failed state.

For reference, there are quite a few more `cert-manager` resources that I didn't know about:

- Obviously, there's `certificate`

- Then there's `certificaterequest`
- But then there's also `order` and `challenge.`

Relevant docs: CertificateRequests — cert-manager documentation.

OK, after waiting for a bit, I got back to some errors about `error getting order referenced by resource` and `challenge in work queue no longer exists`. Seems like the `order` for the certificate was so old that some things got cleaned up that shouldn't have been, etc.

Anyways, I just did the following to resolve it:

iv. Delete the existing `certificaterequest`:

   - `kubectl delete certificaterequest ufincs-3870900209`

v. Restart the cert-manager pod:

   - `kubectl delete pod cert-manager-...`

Once the pod rebooted, it tried dealing with certificate again and it seems to have issued a new one. So I *think* we're good.