



## r/ansible

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Posted by u/McAnsible 10 months ago

## Using HashiCorp Vault Secret Lookup inside of AWX

So I have been trying to figure out a way to pull secrets from Vault using this credential plugin, but I am not finding much luck besides the initial setup. I assume that you can have variables in your playbooks that utilize this credential? If someone can point me in the right direction that would be great.

Reference: [https://docs.ansible.com/ansible-tower/3.5.0/html/administration/credential\\_plugins.html#hashicorp-vault-secret-lookup](https://docs.ansible.com/ansible-tower/3.5.0/html/administration/credential_plugins.html#hashicorp-vault-secret-lookup)

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mickbayne 2 points · 10 months ago · edited 10 months ago



I've always used a custom credential type to inject `VAULT_ADDR` and `VAULT_TOKEN` environment variables, which are then used by the [hashi\\_vault lookup plugin](#) to authenticate with Vault (as described in [this blog post](#)).

I'm not exactly sure how the credential plugin works, but if you've got the initial setup down you should be able to use the examples from the hashi\_vault lookup plugin docs to get an idea how to retrieve secrets from within your playbooks.

Edit: after skimming your reference doc it seems the credential plugin doesn't actually inject the environment variables for use with the hashi\_vault lookup plugin. Instead you would have to "link" the HashiCorp Vault Secret Lookup credential with some other credential, and then set the input source for certain fields (like username/password for a machine credential) to be a specific path and key name in Vault. Personally I prefer the custom credential type / hashi\_vault lookup method, but maybe that's just because it's what I know ;)

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ToTimesTwoisToo 2 points · 10 months ago



once you set up the Vault credential, you can attach the credential to a job template. You can see the Credentials field in this job template setup page

<https://docs.ansible.com/ansible-tower/latest/html/userguide/images/job-templates-create-new-job-template.png>

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**McAnsible** 1 point · 10 months ago



I don't see the the "HashiCorp Vault Secret Lookup" in the Credential Type drop down menu though:

<https://imgur.com/a/ROYLd7p>

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mickbayne 3 points · 10 months ago



You wouldn't add it to a job template. You have to "link" the "HashiCorp Vault Secret Lookup" credential to another credential so you can use it to retrieve values like passwords and SSH keys from HashiCorp Vault instead of storing them directly in the AWX database.

It's described here: [https://docs.ansible.com/ansible-tower/3.5.0/html/administration/credential\\_plugins.html#configure-and-link-secret-lookups](https://docs.ansible.com/ansible-tower/3.5.0/html/administration/credential_plugins.html#configure-and-link-secret-lookups)

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