

Automation Platform Installer

The Tower installer is dead, long live to the Automation Platform Installer !

Remember the Tower installer ?

The Automation Platform Installer is an evolution of the Tower installer.

When the Tower installer used to be able to only install Tower, now Tower is treated simply as a component of the Automation Platform Installer.

With the Automation Platform 1.2 release coming this fall, a new component is making its way in the Installer: Automation Hub.

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The Automation Platform Installer provides the exact same experience customers used to have with the Tower installer.

- Install and upgrade: `./setup.sh`
- Backup: `./setup.sh -b`
- Restore: `./setup.sh -r`

Now, one declares a component by creating a group (named after the component) and adding hosts in it in their inventory.

```
[tower]
tower-node-1

[automationhub]
automationhub-node-1
```

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Some gotchas to be aware of :

- Ansible Tower and Automation Hub can not be run on the same host
- The OpenShift based installer can not deploy Automation Hub on OpenShift. One would need to deploy an OpenShift Tower (w/ the OpenShift Installer) and install Automation Hub on-prem (w/ the Automation Platform Installer) - This is due to the fact that Automation Hub install is VM only for now.
- One can have only a single node in the [automationhub] group in the inventory - This is because today the installer wouldn't know if this is a 3 nodes AH cluster, or 3 standalone AH. One can run the installer with N inventories to deploy N Automation Hub instances.

Scenario 1: Tower only

```
# Standalone  
[tower]  
tower-node-1
```

```
# Cluster  
[tower]  
tower-node-1  
tower-node-2  
tower-node-3  
  
[database]  
database-1
```

Scenario 2: Automation Hub only

```
# Standalone  
[automationhub]  
automationhub-node-1
```

Scenario 3: The Automation Platform

```
# Standalone
```

```
[tower]
```

```
tower-node-1
```

```
[automationhub]
```

```
automationhub-node-1
```

```
# Cluster
```

```
[tower]
```

```
tower-node-1
```

```
tower-node-2
```

```
tower-node-3
```

```
[automationhub]
```

```
automationhub-node-1
```

```
[database]
```

```
database-1
```

What's next ? Spring release

With regard to the installer those are the areas we will be looking at for the next release :

- A unified OpenShift story: The Automation Platform Operator
- Improving Automation Hub install flexibility on-prem
- With current pattern being established one can see that if we get new components available on-prem they would fit nicely in the installer. Say for example Catalog becomes on-prem, then simply adding a [catalog] group in your inventory, You know how it works, right ?

Thank you

