**Monitoring Kubernetes Cluster with Dynatrace**

**Dynatrace:**

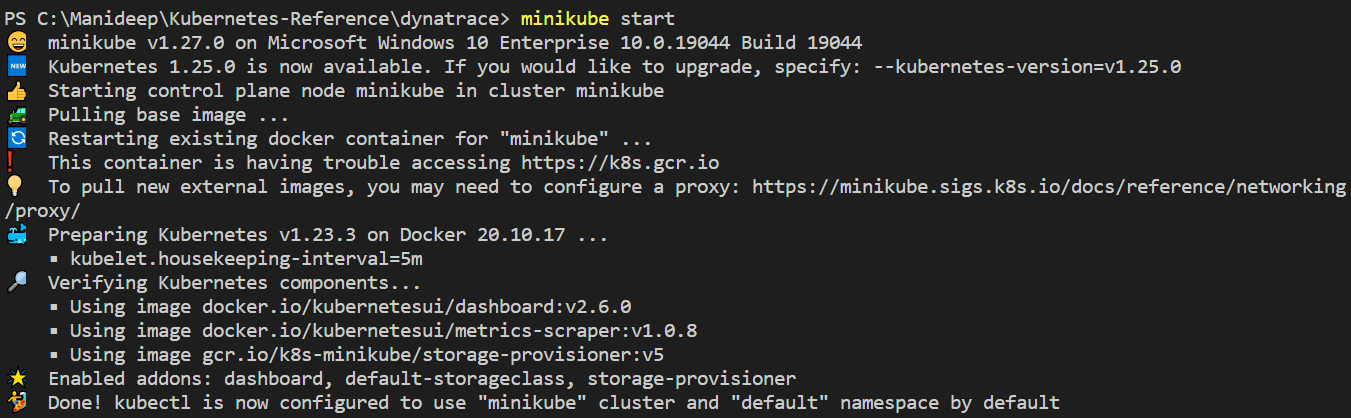
Dynatrace seamlessly brings infrastructure and cloud, application performance, and digital experience monitoring into an all-in-one, automated solution that is powered by artificial intelligence. Dynatrace assists in driving performance results by providing development, operations, and business teams with a shared platform, metrics. In this way, Dynatrace can serve as our organization's single "source of truth".

**How Does Dynatrace works:**

There are three concepts that are key to understanding how Dynatrace works:

* **OneAgent** – a single agent that automatically discovers instruments and collects high-fidelity monitoring data from everything in your IT environment.
* **Smartscape** – an interactive environment topology map that visualizes the dynamic relationships among all your application components across every tier.
* **Davis®** **AI engine** – analyzes everything (including all relationships and dependencies within complex IT environments) to provide answers, not just data. Davis® tells you when there is a problem, the business impact of the problem, and the root cause of the problem so that you can fix it quickly, including automated remediation through integration with your CI/CD tools.

1. Start the Minikube Cluster

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1. Login into Dynatrace
2. Install OneAgent for Kubernetes

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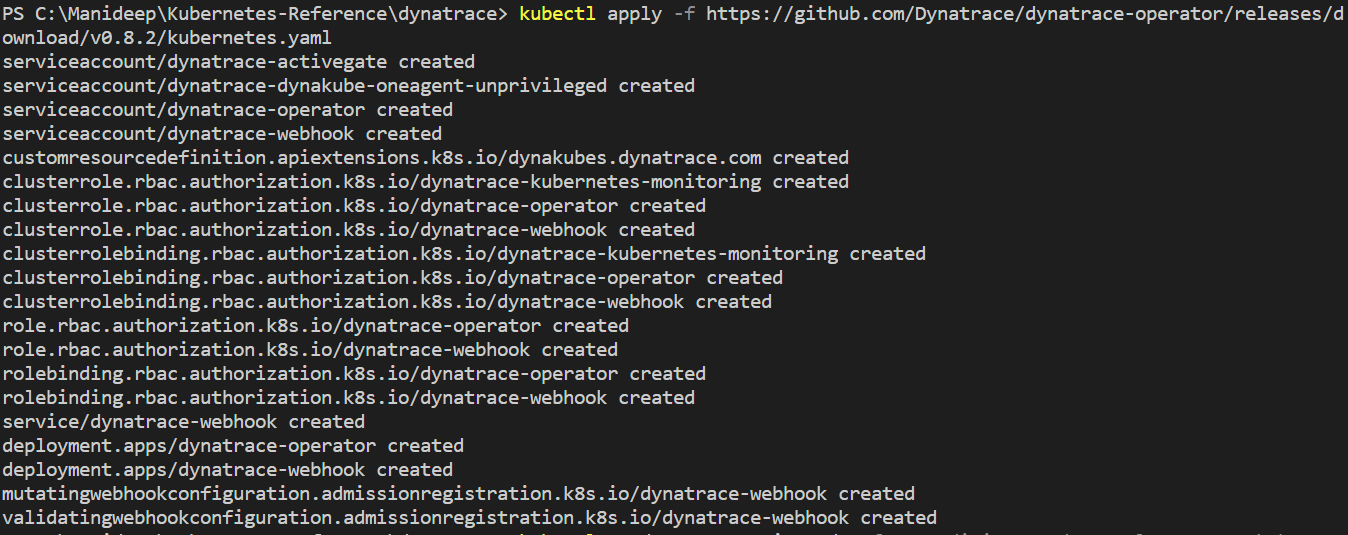
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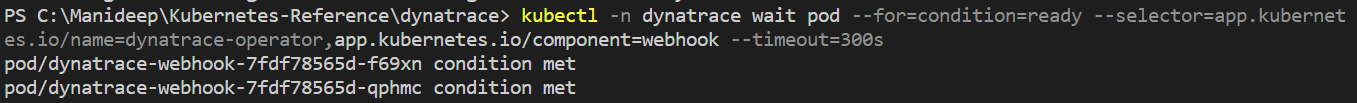
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1. Create the namespace with the name “Dynatrace’

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1. Deploy the yaml files from the github

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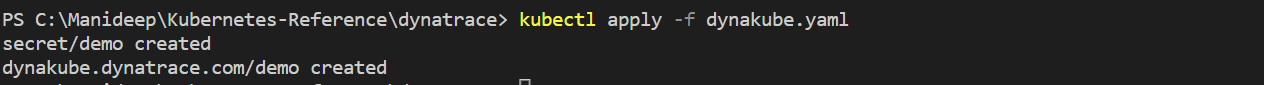
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1. Download the yaml file from the Dynatrace website

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1. Apply the yaml file.

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1. Open the Cluster “minikube”

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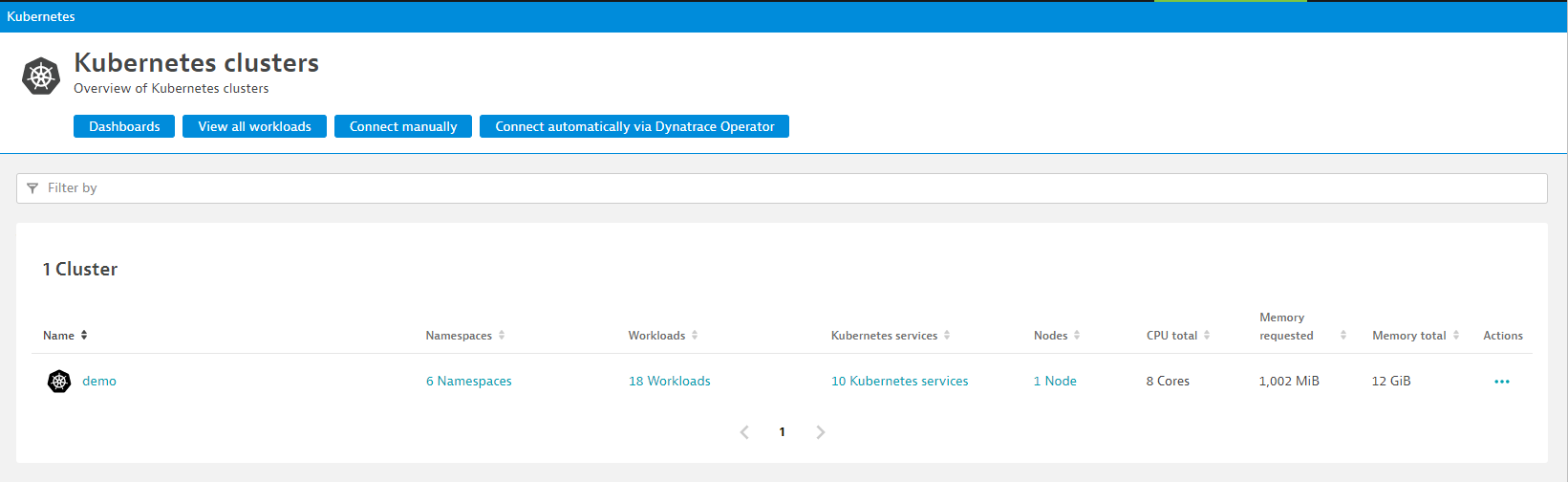
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Graphical user interface

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