

Cloud Native PNDA

This project will deliver a set of Helm charts to orchestrate a cloud-native PNDA cluster on Kubernetes.

Repository

Source code: <https://github.com/pndaproject/pnda-helm-chart>

Helm repository: <https://github.com/pndaproject/pnda-helm-repo>

Links

- [PDP-12: Cloud-native PNDA](#)
- [Notes on Cloud Native PNDA](#)

Status

The [PNDA Helm chart](#) currently includes the following components:

- HDFS
- HBase
- Zookeeper
- Kafka
- OpenTSDB
- JupyterHub
- Grafana
- PNDA Console
- PNDA Deployment Manager (jupyter plugin)
- PNDA Package Repository
- PNDA Data Management (Data Service)

Missing components:

- Hive / Impala.
- Flink.
- Apache Gobblin (Automatic ingestion from Kafka to HDFS).
- Apache Oozie.
- PNDA Deployment Manager (Oozie, SparkStreaming and FlinkStreaming plugin).
- PNDA Data Management (HDFS Cleaner).