

# Implementing a VESPA service

In order to install a VESPA data service, enabling an EPN-TAP access point on your data collection, you can follow the tutorials proposed here. The first tutorial is dealing with the installation and configuration of web services, using a Virtual Box installation. Note that the final (production) server should not run under Virtual Box, but rather within a professional virtualization framework, or using a real physical computer.

- Server initial set up: [EPN-TAP Server Installation for VESPA Data Provider Tutorial](#) (using VirtualBox; final)
  - [version using Docker](#) to install EPN-TAP Server (early draft)
- Registration of service and start of VESPA configuration: [Registering your VESPA EPN-TAP Server](#) (draft)
- How to manage your service metadata and configuration:
  - [Individual Repository for VESPA Service Resource Descriptor in DaCHS](#)
- Example of VESPA data service design:
  - [Setting-up an EPN-TAP service: Tutorial for Beginners](#) (simple / quick example)
  - [Setting up a Europlanet-TAP service](#) (detailed example)
  - [Building the resource descriptor for your EPN-TAP service in DaCHS](#) (shortest technical version, early draft)
  - [Detailed tutorial with intermediate metadata table](#) (draft)
  - [Detailed tutorial with Python script generating metadata for each product](#) (early draft)
  - [Detailed tutorial with Python script connecting to an external database](#) (coming soon)
  - [Checking your service after implementation](#)
- Other tutorials for specific applications:
  - [Retrieval of IMCCE/Miriade ephemeris from DaCHS Resource Descriptor](#)
  - [Installing a local VESPA client](#) (to access your local VM from your machine)
- Helper file to design a service table: [EPN-TAP\\_parameters\\_List.xlsx](#)