

# Basic Requirements

The deployment manual is based on the specific system requirements mentioned below and any deviations will require adjustments to the deployment process. The specific system requirements mentioned below are recommended to ensure a smooth and error-free deployment process.

## 1.1 Prerequisites

The tools mentioned below need to be installed in the system for IMIS deployment. The Installation guide is shown in **Section 2**.

- XAMPP
- Composer
- Node JS
- PostgreSQL
- PostGIS
- GeoServer

## 1.2 Deployment Engineer Requirements

The recommended skillset for the deployment engineer conducting the deployment of IMIS is mentioned below. These skillsets are critical to ensure smooth and error free deployment and maintenance of IMIS.

- PostgreSQL
- PostGIS extension of PostgreSQL
- GeoServer

Apart from the deployment engineer, the minimum recommended skillset for the development/maintenance team is mentioned below:

- PHP language
- Laravel Framework
- PostgreSQL
- PostGIS extension of PostgreSQL
- NPM package manager
- Git version control
- GeoServer
- JavaScript
- jQuery
- Open Layers (OL)
- Technical Documentation

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