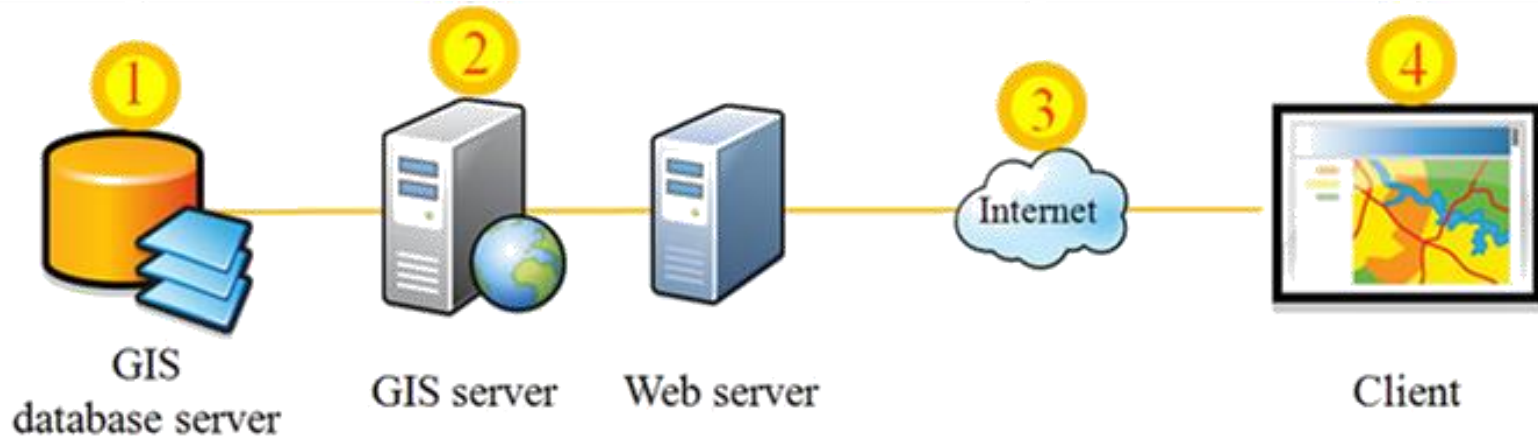


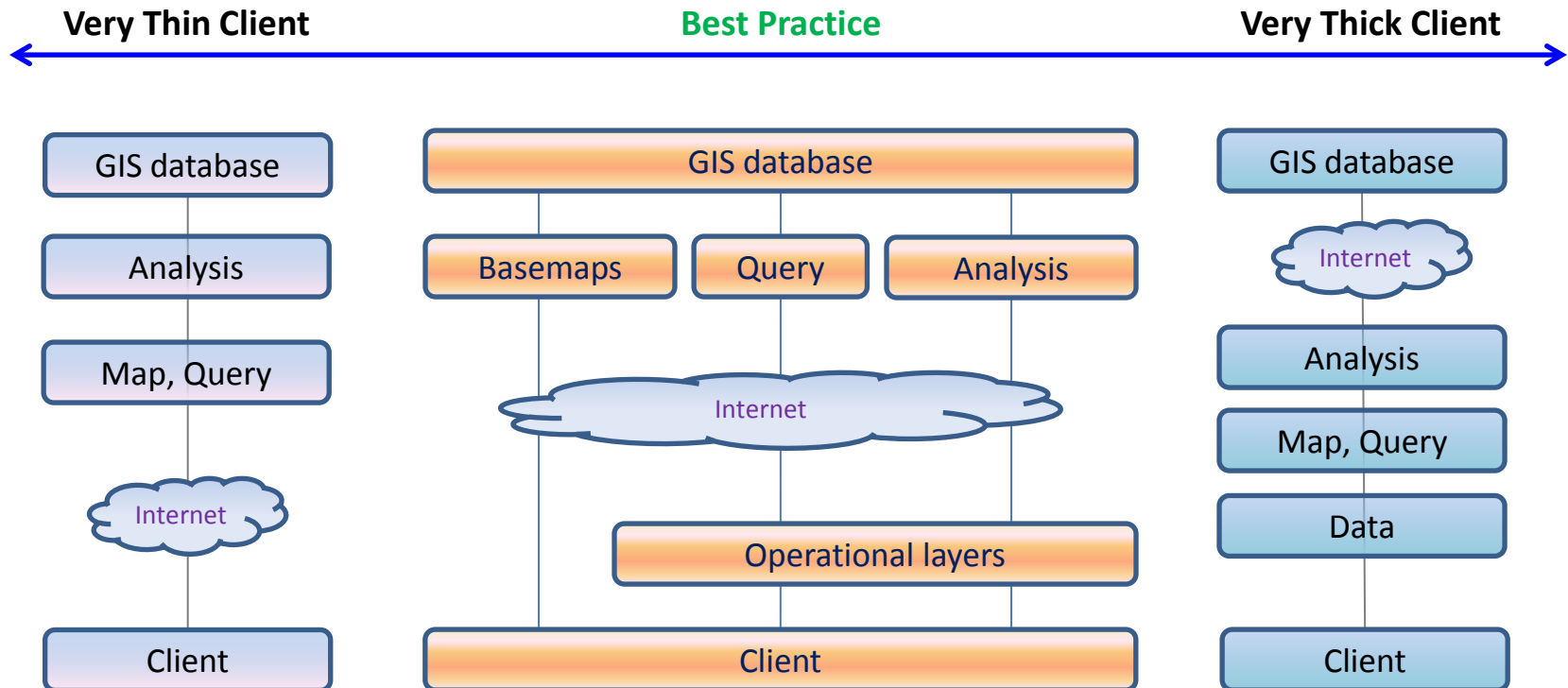
**Web App.**

# Web GIS Server

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# Best Pattern for Workload Partitioning



# Thin Client Architecture

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- The user doesn't need to install any software other than a Web browser.
- Since most of the heavy-lifting processes are done by the server, the client doesn't need a powerful computer.
- Pressure on the GIS server: all GIS operations are routed to the server and processed by the server.
- Limited user interaction: the user interface is usually built with plain HTML and limited JavaScript.

# Thick Client Architecture

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- Fast interaction with the user as the logic, or program, runs locally and data resides locally
- Less pressure on the server since there are fewer round trips to the server
- Inconvenience associated with the installation of browser plug-ins or installation of native applications. There are cases when the user is not allowed to install plug-ins or native applications – on some government computers or company computers, for example.
- Limitations posed by the Internet bandwidth and client computing power. Typically, it is not feasible to transfer gigabytes of data over the Internet and have the client perform sophisticated GIS operations.

# Youtube URL Format

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- Embedding videos in Story Maps Using CSV files
  - ✓ <https://blogs.esri.com/esri/gisedcom/2013/10/04/including-videos-in-story-maps-from-csv-files/>
- The Six Best YouTube URL Tricks
  - ✓ <http://lifehacker.com/the-six-best-youtube-url-tricks-1422544868>
- YouTube Embedded Players and Player Parameters
  - ✓ [https://developers.google.com/youtube/player\\_parameters](https://developers.google.com/youtube/player_parameters)

# Create Your Own Story Map

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- Your stories about
  - ✓ your personal story (where you were born, where you moved, where you went to school or worked etc.)
  - ✓ your city's key attractions
  - ✓ your campus' landmarks, buildings, and departments
  - ✓ places you have visited, in the past or during a recent vacation
  - ✓ branches of bank or supermarket in your city or region
  - ✓ projects that your organization has accomplished or is working on
  - ✓ other interests
- <http://www.arcgis.com/apps/MapTour/index.html?appid=a313ccb5b43745f98cf0afea619e5770>