

Knowledge Portal Infrastructure

Long-term sustainability of the Knowledge Portal will depend on a thorough understanding of Internet standards and best practices. Capacity building is focussed on these competencies:

Hosting

- Administration
- Security
- Scalability

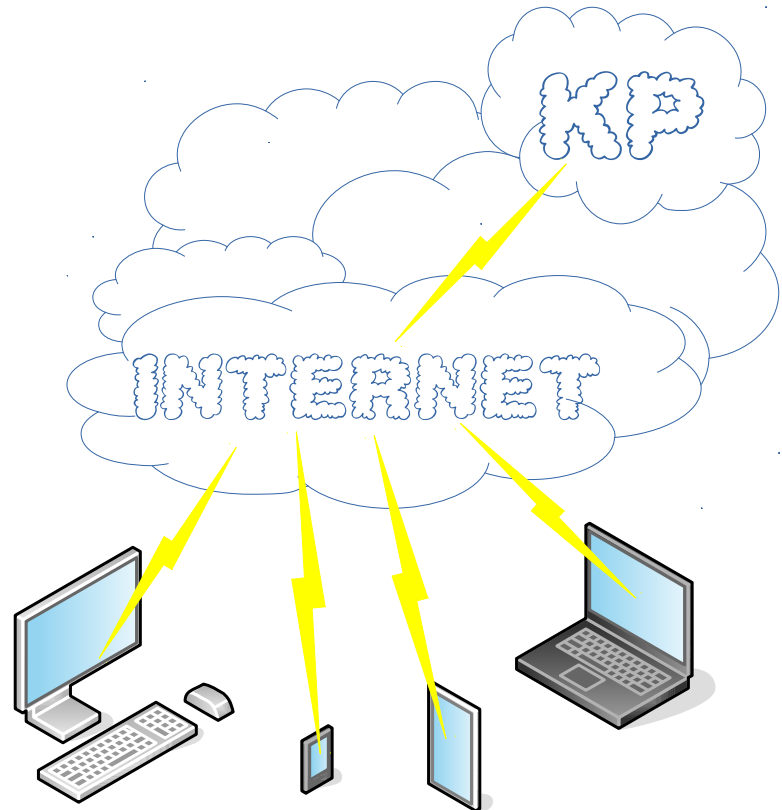
Server

- Operating system
- Web services
- Free & Open Source Software

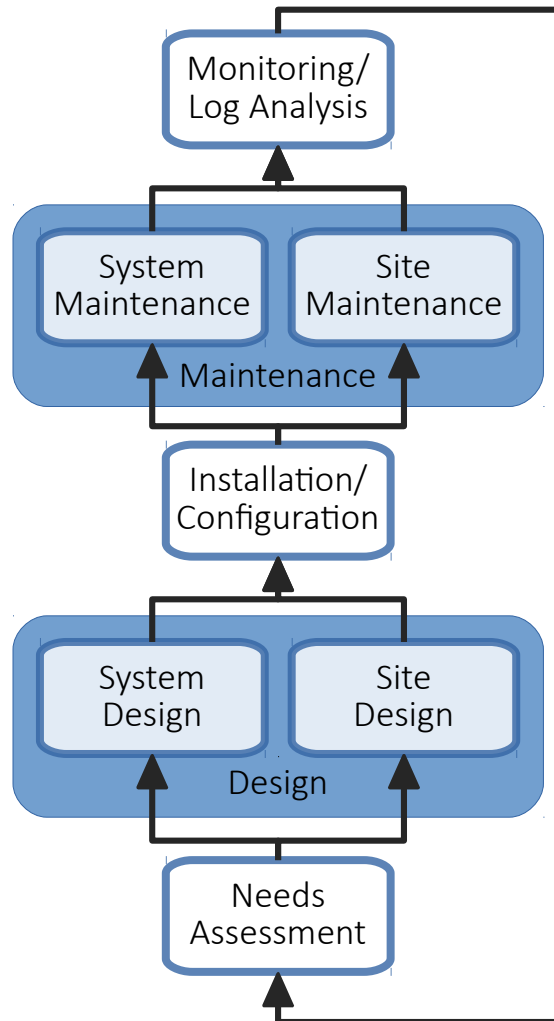
Clients

- Desktops, laptops
- Mobile devices
- APIs*

* Application Programming Interfaces



Information Technology Skills



Technical skill building to date has mainly focused on the middle steps in the Knowledge Portal life cycle.

Virtual Hosting

Creating, configuring, and managing virtual machines

Domain names and IP addresses

Managing hostnames and DNS

Operating system (Linux)

Installation and configuration

Updates and backups (snapshots)

Knowledge Portal software

Installation and configuration

Updates and maintenance

Customization

Monitoring and log analysis will be discussed in depth at a later time, after more programming skills have been covered. Lastly, a disaster plan needs to be developed and documented. This will be dependent on hosting details for the production site.