Python Philosophy

Python Key Principles:

- Beautiful is better than ugly.

- Simple is better than complex.

- Flat is better than nested.

- Sparse is better than dense.

More Key Principles

- If the implementation is hard to explain, it's a bad idea.

- If the implementation is easy to explain, it may be a good idea.

- Readability counts.

Python for Network Engineers

Why is Python suitable for Network Engineers?

- **Starting point**: Good place to start programming, since Python is between scripting and coding.

- **Simplicity**: Common tasks are straightforward.

- **Community**: Many hands make light work.

- **Extensibility**: Can be used to create large, rich, powerful networking applications.