THE DOWNLOAD FROM PICA8
NETWORKING INDUSTRY NEWSLETTER

Networking News

Infrastructure And Networking Markets Are Healthy

New work-anywhere-habits and other pandemic-related issues continue to drive growth in networking, and the industry is coping with the supply chain problems responsible for hardware shortage. We believe the networking market is showing healthy growth and is recovering from the pandemic-driven slowdown, evidenced by optimistic early 2023 sales forecasts from major networking hardware and software vendors.

Software continues to drive growth for small and large networking companies. Packet Pushers recently referenced Pica8 as a significant vendor in the Open Networking Enterprise Market as an alternative to more prominent closed system vendors. To underscore the importance of software, DriveNets, an Israeli startup, announced a Series C Round of funding of $262 Million. Software-based internet routing solutions run as virtualized services over white box generic architecture.

More and more organizations realize the benefits of white box networking as an essential strategy for network management. **Pica8 is one of the original white box networking software vendors** built on the principles and benefits of open networking and hardware disaggregation.

Pica8 Technical Blog

Automating Configuration For Group Of Switches Using Jinja2 Templates

Pica8 recently published a blog detailing how to build automation configurations using Jinja2: Automating Configuration For Group Of Switches Using Jinja2 Templates. Jinja is an extensible templating engine commonly used in web applications and is the de facto standard for network configurations.
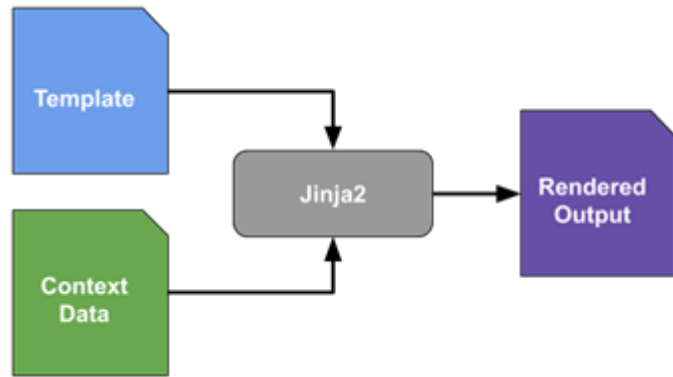
Jinja is a simple yet powerful language that allows for the use of advanced logic to render documents. Jinja Template has common configuration and varying switch specific configuration needed for all switches. Jinja uses double curly braces to signify variables. The following is a portion of a Jinga2 template.

```
set system {{hostname}}   <= Switch
specific configuration
set ip routing enable true  <= Common
config for all switches
set protocols lldp enable true
```
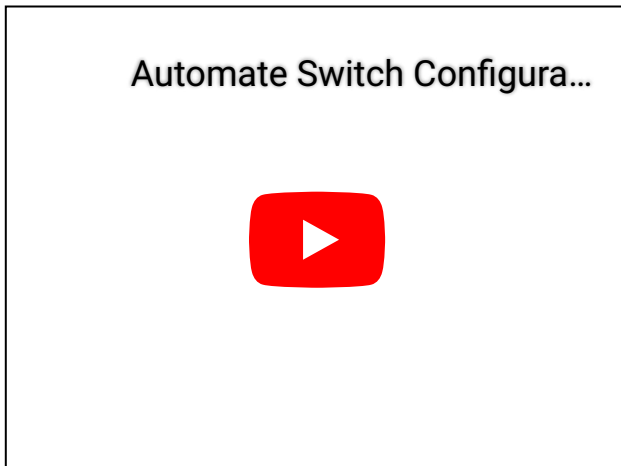

For more details on how to write Jinja2 templates, please refer to the above referred blog.

The **Pica8 Network Platform** enables users to leverage Jinja2 templates and automate configuration with the **AmpCon Network Controller**. This simplifies automation for organizations that deploy and manage a large number of switch devices on a network. Time-consuming configuration tasks that used to take hours can now be done with a few keystrokes on a control panel. Try the AmpCon network controller and PicOS-V Virtual Software Switch today. *Click the graphic above to go to the download page.*

For more information on automation configuration, watch the video: Automate Switch Configuration Using AmpCon.

Pica8 Software Is Intelligent Networking