

Operational challenge: : How do we simplify the way we interact with an IP router?

Solution

- Unique SR Linux NOS architecture allows us to quickly adapt ChatGPT.
- With SR Linux and its NetOps Development Kit (NDK) we can create, package and deploy a ChatGPT app integrated into the system.
- “SR Linux GPT” integrates with ChatGPT via the Open AI API and runs directly on the hardware platform running SR Linux.

```
--{ + running }--[  
A:spine|# askai are there any dropped packets on any interfaces  
Yes, there are dropped packets on some interfaces. Here's the information:
```

```
Interface ethernet-1/1, subinterface 0: 275 in-discarded-packets  
- Interface ethernet-1/2, subinterface 0: 273 in-discarded-packets  
- Interface ethernet-1/3, subinterface 0: 272 in-discarded-packets  
- Interface mgmt0, subinterface 0: 3825 in-discarded-packets
```

```
--{ + running }--[ J-  
A:spine|#
```

Current mode

admin (149) Wed 07:15AM

Differentiation

- **Rapid innovation**
Respond quickly to new technology inflection points.
- **Freedom from vendor lock-in**
Took a couple of weeks to build app without any feature development.
- **Completely customizable**
Develop your own NDK app for ChatGPT integration without vendor involvement.

Operational benefits

- CLI commands can be issued in natural language.
- Reduces the need for specialized knowledge of the vendor CLI.
- Improves human operator experience and reduces human errors.
- Opens up new possibilities and enables network AIOps related use cases.

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[NDK agent](#)