

FTP DATA DIODE

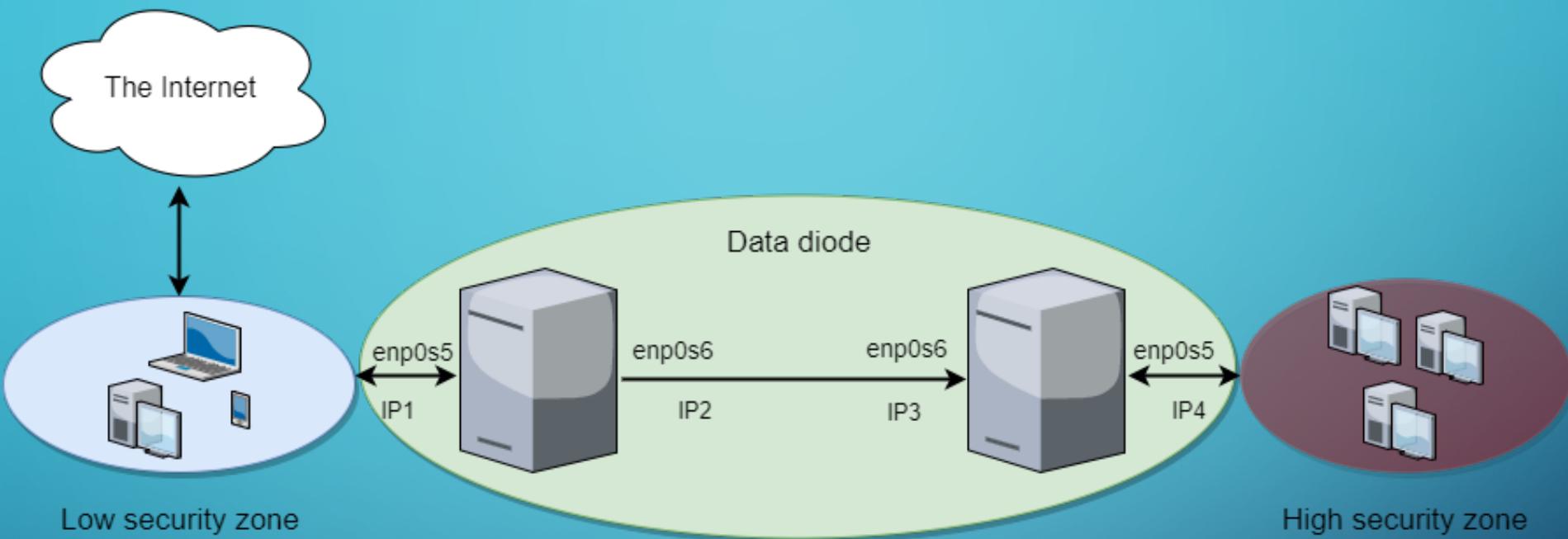
INFO-Y113 MANAGEMENT OF IT SECURITY

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CONTEXT

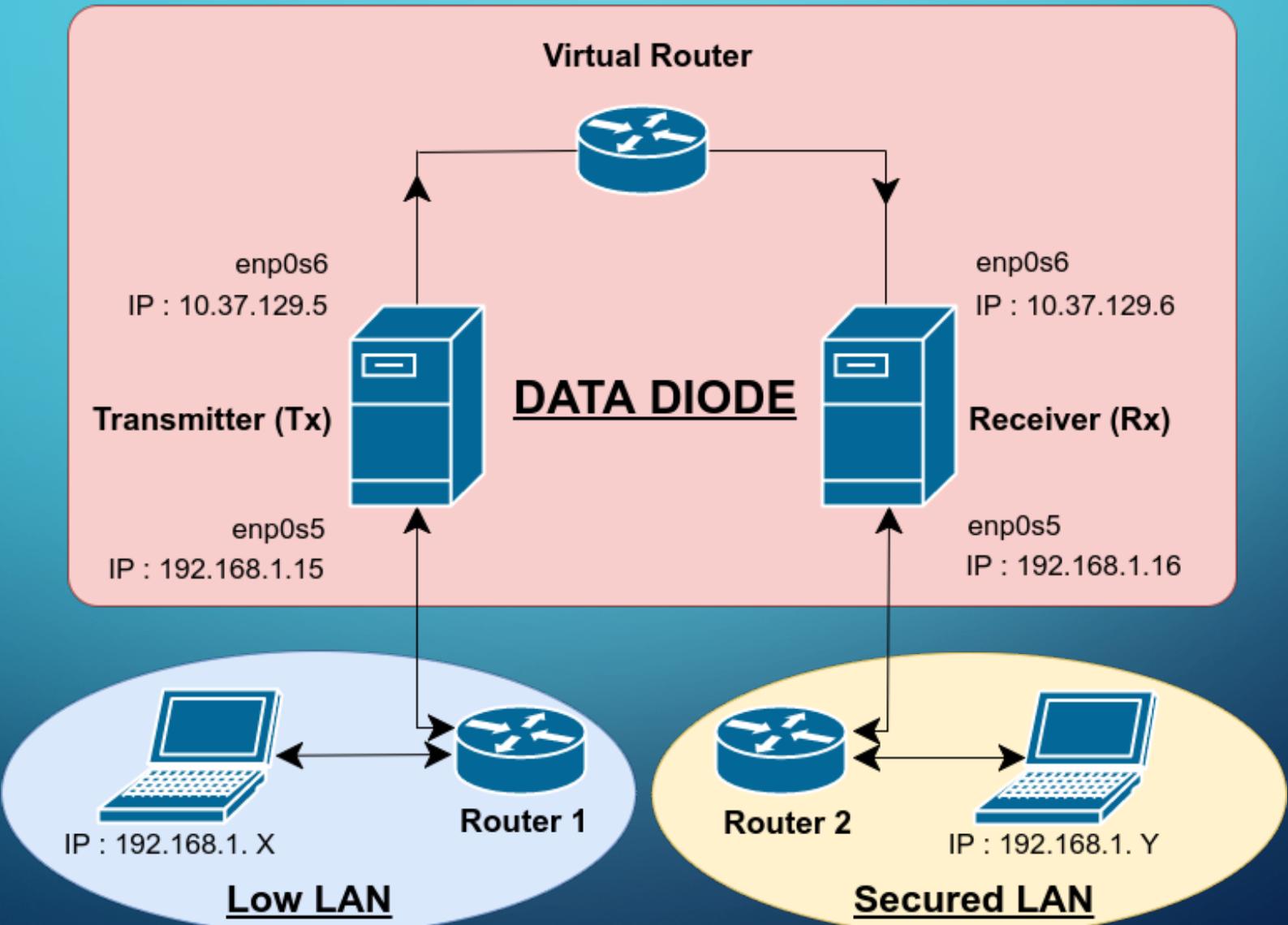


- Isolating the research labs: no confidential information leaking
- Fighting against industrial espionage

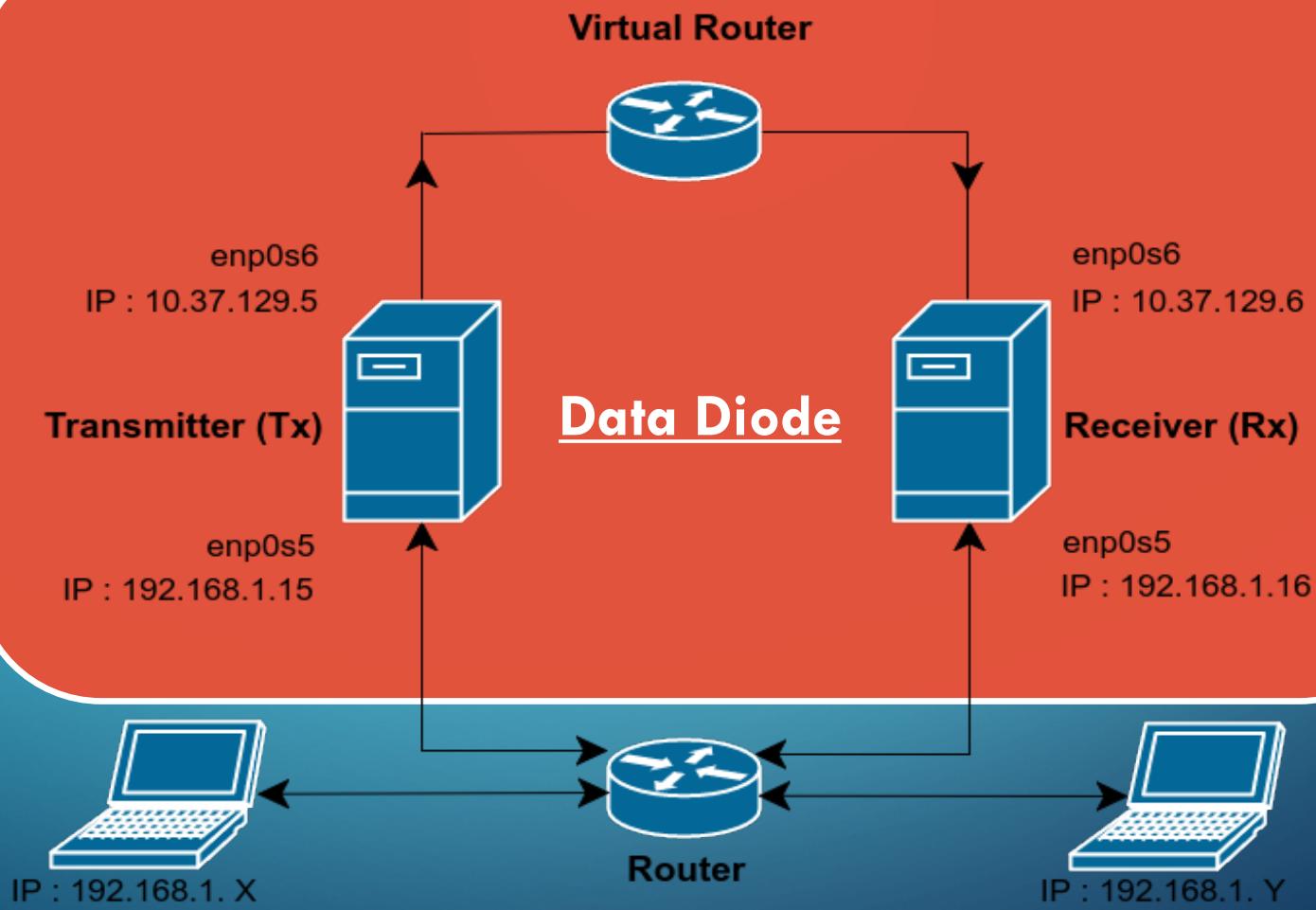
PROJECT IMPLEMENTATION

- Linux machines within the data diode : Ubuntu 16.04 LTS.
- Blind FTP over UDP protocol
- Django framework = web framework for python
- Bash command from python3 language : using the “os” python library

OVERVIEW ON THE NETWORK ARCHITECTURE



LIVE DEMONSTRATION





QUESTIONS?

THANKS FOR YOUR ATTENTION !

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