

NAME

nipper – Network Infrastructure Parser. Produces reports based of network device configuration file settings.

SYNOPSIS

nipper [*OPTIONS*]

DESCRIPTION

Nipper processes network infrastructure device configuration files, performs a security audit and produces a report based on the findings. The default report will contain sections on the security related issues identified, the configuration of the device and an appendicies with additional information. Nipper currently supports the following device types:

* Cisco Switches (IOS)	* Juniper NetScreen Firewall
* Cisco Routers (IOS)	* CheckPointer Firewall-1
* Cisco Catalyst (IOS)	* Nortel Passport
* Cisco Firewall (PIX)	* Sonicwall Firewall
* Cisco Firewall (ASA)	
* Cisco Firewall (FWSM)	
* Cisco Catalyst (CatOS)	
* Cisco Catalyst (NMP)	
* Cisco Content Service Switches	

OPTIONS

—**help** For help on all the options.

EXAMPLES

To produce an HTML formatted report for a Juniper NetScreen device:

```
nipper --screenos --input=config.txt --output=report.html
```

To produce an XML formatted report for a Cisco PIX firewall:

```
nipper --pix --xml --input=pix-config.txt --output=report.xml
```

To produce an HTML formatted report for a CheckPoint Firewall-1:

```
nipper --fw1 --input=/root/config-backups/fw1/conf/ --output=report.html
```

To produce an HTML formatted report for a Cisco IOS-based router using an external configuration file:

```
nipper --config=nipper.conf --input=router.txt --output=report.html
```

AUTHOR

Nipper was developed by Ian Ventura-Whiting (Fizz).

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SEE ALSO

nipper.conf(5)