


Oxidized

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 Oxidized [Stats](#) [Migration](#)

Search in Configs



nodes /









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Search:

Name	Model	Group	Last Status	Last Update	Actions
rtr01	Edgeos	default		2016-08-09 19:52:36 BST	  
sw01	IOS	default		2016-08-09 19:52:45 BST	  

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What is it?

- Oxidized is a network device configuration backup tool.
- It's a RANCID replacement.

Written by:

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Features

- Restful API
- Multi vendor support
- Feed data from CSV, SQLite, HTTP and router.db
- Store data in flat file, git or post to HTTP
- Supports SSH Proxy
- Simple WebUI



Hooks

- Events supported: `node_success`, `node_fail`, `post_store`
- Supports `exec` or `githubrepo`
- Githubrepo will push config to.....
- Exec allows running arbitrary shell / binary
- As an example:

hooks:

name_for_example_hook1:

type: exec

events: [node_success]

cmd: 'echo "Node success
\$OX_NODE_NAME" >> /tmp/
ox_node_success.log'



OXS

- Cli tool to run commands directly on devices
- Be careful about the privs the user has
- Includes a library so you can build your own tools



How have we used it?

- Completely replaced RANCID
- Push all config changes to GitLab
- Force config backup on change
- Wrapped up inside custom software for automation



In closing

- Actively developed and supported
- Welcoming of 3rd party contributions
- Extremely flexible