

Oxidized

DKNOG8 - Mar 8-9th 2018

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“Silly attempt at rancid”

Big Thanks
to the Community

Rusty config?

- Rancid alternative
- Automatic config backups
- Multi vendor (nearly 100 models supported)
- Interval defines backup window

Installation

- Written in ruby (min 1.9.3)
- Packaged as a gem, gem install
- Docker image available: oxidized/oxidized
- Build from Git

Configuration

- YAML for configuration
- Be careful of Indentations :)
- Authentication details in config or the source
- Groups are supported

Features

- Multiple sources for inventory
csv, http(s) and sql
- Multiple inputs
FTP, TFTP, Telnet and SSH
- Multiple outputs
File, HTTP, Git and Git-Crypt

Features

- Restful API

Nodes, Diffs, Reload and 'Next' - Useful from syslog

- Hooks

exec, Git, AWS SNS, Slack and XMPP

- OXS

Cli tool

nodes /

Show / hide columns Refresh Reload

Show entries

Search:

Name	Model	Group	Last Status	Last Update	Actions
rtr01	Edgeos	default		2018-03-02 22:11:37 GMT	
sw01	IOS	default		2018-03-02 22:18:28 GMT	
sw02	Netgear	default		2018-03-02 22:18:31 GMT	

Showing 1 to 3 of 3 entries

nodes / rtr01   

```
{:name=>"rtr01",
 :full_name=>"default/rtr01",
 :ip=>"192.168.80.1",
 :group=>"default",
 :model=>"Edgeos",
 :last=>
  {:start=>2018-03-02 22:11:32 UTC,
   :end=>2018-03-02 22:11:37 UTC,
   :status=>:success,
   :time=>5.050800881},
 :vars=>nil}
```

















nodes / Versions for Node

Show / hide columns

 Refresh

Show entries

Search:

Version	Dates	Actions
8	12 days 23 hours ago	 
7	19 days 4 hours ago	 
6	19 days 5 hours ago	 
5	19 days 6 hours ago	 
4	67 days 19 hours ago	 
3	69 days 0 hours ago	 
2	76 days 0 hours ago	 
1	110 days 2 hours ago	 

Showing 1 to 8 of 8 entries

Previous

1

Next

versions / Diff version 6 - 5 for Node rtr01

Date of version: 11-02-18 at 05:13:17 PM

Number of lines changed: added 4 removed 0

Version 8 (12 days 23 hours ago)

Get Diffs!

Version 5 (19 days 6 hours ago)

```
diff --git a/default/rtr01 b/default/rtr01
index d9206c8..ce4a7d5 100644
--- a/default/rtr01
@@ -1087,6 +1087,10 @@ service {
     ip-address 192.168.80.94
     mac-address bc:ad:28:ad:e5

    }

    static-mapping plex01 {
        ip-address 192.168.80.29
        mac-address 36:61:64:37:65
```

Version 6 (19 days 5 hours ago)

```
diff --git a/default/rtr01 b/default/rtr01
index d9206c8..ce4a7d5 100644
+++ b/default/rtr01
@@ -1087,6 +1087,10 @@ service {
     ip-address 192.168.80.94
     mac-address bc:ad:28:ad:e5

    }
+    static-mapping nvr02 {
+        ip-address 192.168.80.93
+        mac-address 4c:bd:8f:84:e5
+    }
    static-mapping plex01 {
        ip-address 192.168.80.29
        mac-address 36:61:64:37:65
```

Need help?

- GitHub

<https://github.com/ytti/oxidized>

- Gitter / IRC

<https://gitter.im/oxidized/Lobby>

- Forum

<https://community.librenms.org/c/help/oxidized>

Any Questions?

github.com/laf/

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