

2-4-4

Archiving with Rancid



































RANCID!

- Goes Around to All Your Routers and Switches
- Every Hour by Default
- Copies off the Configurations
- Saves Diffs
- Can Notify you of Changes

Main Control File

```
add method r0.sea.rg.net ssh
add user r0.sea.rg.net randy
add password r0.sea.rg.net "haha"
add autoenable r0.sea.rg.net 1
```

```
add method r1.sea.rg.net ssh
add user r1.sea.rg.net rancid
add password r1.sea.rg.net "haha"
add autoenable r1.sea.rg.net 1
```

 ij0.bogus.com		1.22	<i>2 years</i>	rancid	updates
 ij1.bogus.com		1.11	<i>23 months</i>	rancid	updates
 o0.dfw.rg.net		1.34	<i>6 months</i>	rancid	updates
 o0.iad.rg.net		1.19	<i>6 months</i>	rancid	updates
 o0.sea.rg.net		1.95	<i>6 months</i>	rancid	updates
 o1.dfw.rg.net		1.9	<i>6 months</i>	rancid	updates
 o1.sea.rg.net		1.19	<i>6 months</i>	rancid	updates
 r0.dfw.rg.net		1.544	<i>3 weeks</i>	rancid	updates
 r0.iad.rg.net		1.81	<i>4 months</i>	rancid	updates
 r0.sea.rg.net		1.363	<i>7 days</i>	rancid	updates
 r1.dfw.rg.net		1.45	<i>4 months</i>	rancid	updates
 r1.iad.rg.net		1.101	<i>2 months</i>	rancid	updates
 r1.sea.rg.net		1.341	<i>2 weeks</i>	rancid	updates
 r2.sea.rg.net		1.109	<i>6 weeks</i>	rancid	updates
 r3.sea.rg.net		1.39	<i>6 weeks</i>	rancid	updates
 sw0.dfw.rg.net		1.43	<i>7 weeks</i>	rancid	updates
 sw0.sea.rg.net		1.83	<i>6 months</i>	rancid	updates

Revision **1.363**: [download](#) - view: [text](#), [markup](#), [annotated](#) - [select for diffs](#)

Sat Nov 10 16:16:22 2012 UTC (9 days, 11 hours ago) by rancid

Branches: [MAIN](#)

CVS tags: [HEAD](#)

Diff to: previous 1.362: [preferred](#), [colored](#)

Changes since revision 1.362: +8 -4 lines

updates

Revision **1.362**: [download](#) - view: [text](#), [markup](#), [annotated](#) - [select for diffs](#)

Fri Sep 14 11:16:18 2012 UTC (2 months ago) by rancid

Branches: [MAIN](#)

Diff to: previous 1.361: [preferred](#), [colored](#)

Changes since revision 1.361: +10 -0 lines

updates

Revision **1.361**: [download](#) - view: [text](#), [markup](#), [annotated](#) - [select for diffs](#)

Fri Sep 14 10:16:17 2012 UTC (2 months ago) by rancid

Branches: [MAIN](#)

Diff to: previous 1.360: [preferred](#), [colored](#)

Changes since revision 1.360: +0 -10 lines

updates

Revision **1.360**: [download](#) - view: [text](#), [markup](#), [annotated](#) - [select for diffs](#)

Fri Sep 14 09:16:21 2012 UTC (2 months ago) by rancid

Branches: [MAIN](#)

Diff to: previous 1.359: [preferred](#), [colored](#)

Changes since revision 1.359: +10 -0 lines

[Line 607](#) ip route 147.28.7.4 255.255.255.255 147.

```
ip route 147.28.7.5 255.255.255.255 147.28.0.60
ip route 147.28.7.250 255.255.255.255 147.28.0.250
ip route 147.28.7.254 255.255.255.255 147.28.0.254
```

```
ip tacacs source-interface Loopback0
!
ip access-list standard vty4
```

[Line 716](#) ip prefix-list v4-dyn permit 216.21.14.0

```
ip prefix-list v4-to-bgp-orig description psynet v4 nailups
ip prefix-list v4-to-bgp-orig permit 98.128.0.0/16 le 24
ip prefix-list v4-to-bgp-orig permit 147.28.0.0/16
```

```
!
ip prefix-list v4-to-bgp-pass permit 98.128.0.0/16 le 24
ip prefix-list v4-to-bgp-pass permit 147.28.0.0/16 le 25
```

[Line 842](#) control-plane

```
!
banner motd ^C
RGnet / PSGnet Westin 1809 Seattle, WA USA
r0.sea.rg.net 2012.08.29 +1 206 356 8341
```

^C

[Line 607](#) ip route 147.28.7.4 255.255.255.255 147.

```
ip route 147.28.7.5 255.255.255.255 147.28.0.60
ip route 147.28.7.250 255.255.255.255 147.28.0.250
ip route 147.28.7.254 255.255.255.255 147.28.0.254
```

```
ip route 192.83.230.0 255.255.255.0 Null0 250
ip route 198.133.206.0 255.255.255.0 Null0 250
```

```
ip tacacs source-interface Loopback0
!
ip access-list standard vty4
```

[Line 718](#) ip prefix-list v4-dyn permit 216.21.14.0

```
ip prefix-list v4-to-bgp-orig description psynet v4 nailups
ip prefix-list v4-to-bgp-orig permit 98.128.0.0/16 le 24
ip prefix-list v4-to-bgp-orig permit 147.28.0.0/16
```

```
ip prefix-list v4-to-bgp-orig permit 192.83.230.0/24
ip prefix-list v4-to-bgp-orig permit 198.133.206.0/24
```

```
!
ip prefix-list v4-to-bgp-pass permit 98.128.0.0/16 le 24
ip prefix-list v4-to-bgp-pass permit 147.28.0.0/16 le 25
```

[Line 846](#) control-plane

```
!
banner motd ^C
RGnet / PSGnet Westin 1809 Seattle, WA USA
r0.sea.rg.net 2012.11.11 +1 206 356 8341
```

^C

Diff for /sw2.sea.rg.net between versions 1.9 and 1.10

[version 1.9](#), 2013/07/25 18:16:26

[version 1.10](#), 2013/07/26 10:16:24

Line 122

```

IVLAN: -----
IVLAN: 1 default active Gi1/0/1, Gi1/0/2, Gi1/0/3, Gi1/0/4, Gi1/0/5, Gi1/0/6, Gi1/0/7, Gi1/0/8,
Gi1/0/9
IVLAN: Gi1/0/10, Gi1/0/11, Gi1/0/12, Gi1/0/15, Gi1/0/16, Gi1/0/17, Gi1/0/18,
Gi1/0/19
IVLAN: Gi1/0/20, Gi1/0/21, Gi1/0/25, Gi1/0/26, Gi1/0/27, Gi1/0/28
IVLAN: 20 VLAN0020 active
IVLAN: 42 VLAN0042 active Gi1/0/13, Gi1/0/14, Gi1/0/23
IVLAN: 100 VLAN0100 active Gi1/0/22
IVLAN: 128 VLAN0128 active
IVLAN: 132 VLAN0132 active
IVLAN: 1002 fddi-default act/unsup
    
```

Line 122

```

IVLAN: -----
IVLAN: 1 default active Gi1/0/1, Gi1/0/2, Gi1/0/3, Gi1/0/4, Gi1/0/5, Gi1/0/6, Gi1/0/7, Gi1/0/8,
Gi1/0/9
IVLAN: Gi1/0/10, Gi1/0/11, Gi1/0/12, Gi1/0/15, Gi1/0/16, Gi1/0/17, Gi1/0/18,
Gi1/0/19
IVLAN: Gi1/0/20, Gi1/0/21, Gi1/0/26, Gi1/0/27, Gi1/0/28
IVLAN: 20 VLAN0020 active
IVLAN: 42 VLAN0042 active Gi1/0/13, Gi1/0/14, Gi1/0/23
IVLAN: 100 VLAN0100 active Gi1/0/22, Gi1/0/25
IVLAN: 128 VLAN0128 active
IVLAN: 132 VLAN0132 active
IVLAN: 1002 fddi-default act/unsup
    
```

Line 277 interface GigabitEthernet1/0/24

```

description dum0.sea.rg.net port 1
|
interface GigabitEthernet1/0/25
description unused
|
interface GigabitEthernet1/0/26
description unused
    
```

Line 277 interface GigabitEthernet1/0/24

```

description dum0.sea.rg.net port 1
|
interface GigabitEthernet1/0/25
description r0.iad.rg.net g0/2
switchport access vlan 100
|
interface GigabitEthernet1/0/26
description unused
    
```

Diff format:

Colored

Removed from v.1.9

changed lines

Added in v.1.10

```

--- sw2.sea.rg.net      2013/07/25 18:16:26      1.9
+++ sw2.sea.rg.net      2013/07/26 10:16:24      1.10
@@ -122,10 +122,10 @@
 1VLAN: -----
 1VLAN: 1      default      active      Gi1/0/1, Gi1/0/2, Gi1/0/3, Gi1/0/4, Gi1/0/5, Gi1/0/6, Gi1/0/7, Gi1/0/8, Gi1/0/9
 1VLAN:      active      Gi1/0/10, Gi1/0/11, Gi1/0/12, Gi1/0/15, Gi1/0/16, Gi1/0/17, Gi1/0/18, Gi1/0/19
-1VLAN:      active      Gi1/0/20, Gi1/0/21, Gi1/0/25, Gi1/0/26, Gi1/0/27, Gi1/0/28
+1VLAN:      active      Gi1/0/20, Gi1/0/21, Gi1/0/26, Gi1/0/27, Gi1/0/28
 1VLAN: 20      VLAN0020      active
 1VLAN: 42      VLAN0042      active      Gi1/0/13, Gi1/0/14, Gi1/0/23
-1VLAN: 100     VLAN0100      active      Gi1/0/22
+1VLAN: 100     VLAN0100      active      Gi1/0/22, Gi1/0/25
 1VLAN: 128     VLAN0128      active
 1VLAN: 132     VLAN0132      active
 1VLAN: 1002    fddi-default  act/unsup
@@ -277,7 +277,8 @@ interface GigabitEthernet1/0/24
  description dum0.sea.rg.net port 1
  !
  interface GigabitEthernet1/0/25
-  description unused
+  description r0.iad.rg.net g0/2
+  switchport access vlan 100
  !
  interface GigabitEthernet1/0/26
  description unused

```


<http://shrubbery.net/rancid/>