

CFENGINE IN A DAY

BEFORE WE START

SCHEDULE

Table 1: A rough schedule (this varies greatly).

Time	Activity
09:00 AM - 10:30 AM	Class
10:30 AM - 11:00 AM	Morning break
11:00 AM - 12:30 PM	Class
12:30 PM - 01:30 PM	Lunch break
01:30 PM - 03:00 PM	Class
03:00 PM - 03:30 PM	Afternoon break
03:30 PM - 05:00 PM	Class

USE THE SOURCE

github.com/nickanderson/cfengine-training

HI, I'M NICK

- Wife, 2 kids and a dog
- Sysadmin/Infrastructure Engineer/Doer of things
- CFEengineering for >10 years
- Find me online
 - nick@cmdln.org | nick.anderson@northern.tech
 - [@cmdln_](https://twitter.com/cmdln_)
 - cmdln.org
 - [linkedin.com/in/hithisisnick](https://www.linkedin.com/in/hithisisnick)
 - 9274 E588 E866 A10B 713C 9CCD 9EB3
AD42 5D1C CC11

WHO ARE YOU?

- Name
- Role
- Goals for this training

WHAT THIS TRAINING COVERS

- What is CFEengine
- High level architecture overview
- Language fundamentals (through CFEengine 3.15.0)
- Examples and Exercises
- Useful tooling and tips

WHY AUTOMATION?

Every time someone logs onto a system by hand, they jeopardize everyone's understanding of the system. – Mark Burgess

WHAT IS CFENGINE?

- Modern
- Secure
- Scalable
- Agile infrastructure automation tool

HISTORY

- Written by Mark Burgess
- Originally released in 1993.
- Computer Immunology (Self Healing) 1998
- CFEEngine 2 (1998)
- Promise Theory (2005)
- CFEEngine 3 (2008)
- Company Founded (2008)
- CFEEngine 3.15 (2019)

SMALL

As of Feb 2020:

- Lines of code ~ 115k
- ~ 6M Package size
- Memory Utilization: ~ 80MB
 - cf-agent ~ 30MB
 - cf-serverd ~ 30MB
 - cf-execd ~10MB
 - cf-monitord ~ 10MB

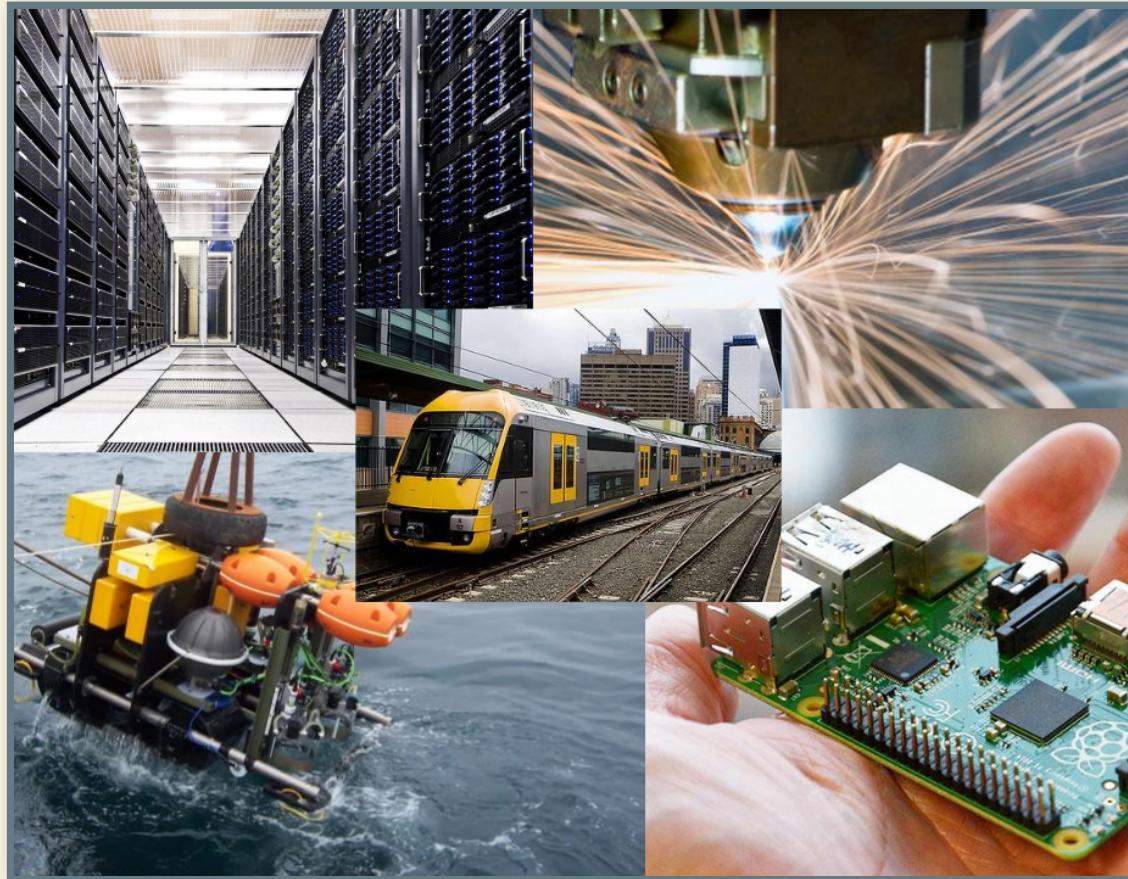
SECURE

A good track record.

- <http://web.nvd.nist.gov/view/vuln/search>

PORTABLE

Known to run on many platforms, and interesting places.



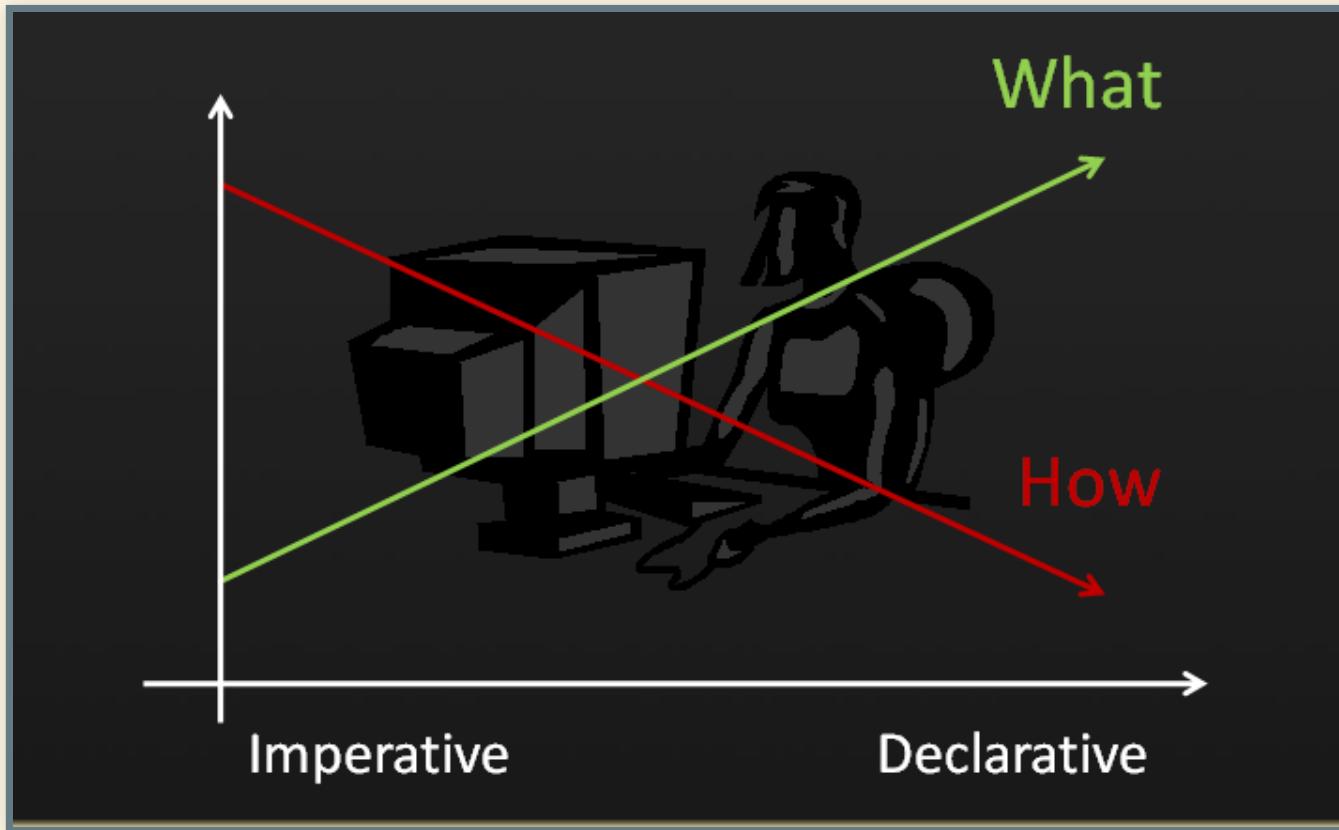
RESILIENT & AUTONOMOUS



- Policy cached locally
- Decisions made locally
- Actions taken locally
- Convergence, repair what you can and revisit soon

DECLARATIVE

Focus on the desired end state



DECLARATIVE VS IMPERATIVE

```
bundle agent main
{
  packages:
    "openssh-server"
      policy => "present",
      version => "latest";
}                                |#!/bin/env/bash
                                |PKG="openssh-server"
                                |rpm -q ${PKG} || yum install ${PKG}
                                |yum check-update openssh-server
                                |if [ $? -eq 100 ]; then
                                |  yum upgrade openssh-server
                                |fi
```

TYPICAL USE CASES

- Any local resource/state
 - Manage files, processes, commands
- Security Hardening
- Compliance
- Application Deployment/Management
- Inventory (with Enterprise)

EDITIONS

COMMUNITY (CORE)

- Github
- Tarballs
- Binary Packages
- Linux Package Repositories

Quick Install Community

```
wget -O- http://cfengine.package-repos.s3.amazonaws.com/\  
quickinstall/quick-install-cfengine-community.sh | sudo bash
```

ENTERPRISE FEATURES

- Dashboard
- Alerts and Triggered Actions
- Inventory Reporting
- Change Reporting
- Compliance Reporting
- File Integrity Monitoring
- Measurements
- REST APIs
- SQL Reporting
- Single Pane of Glass Reporting

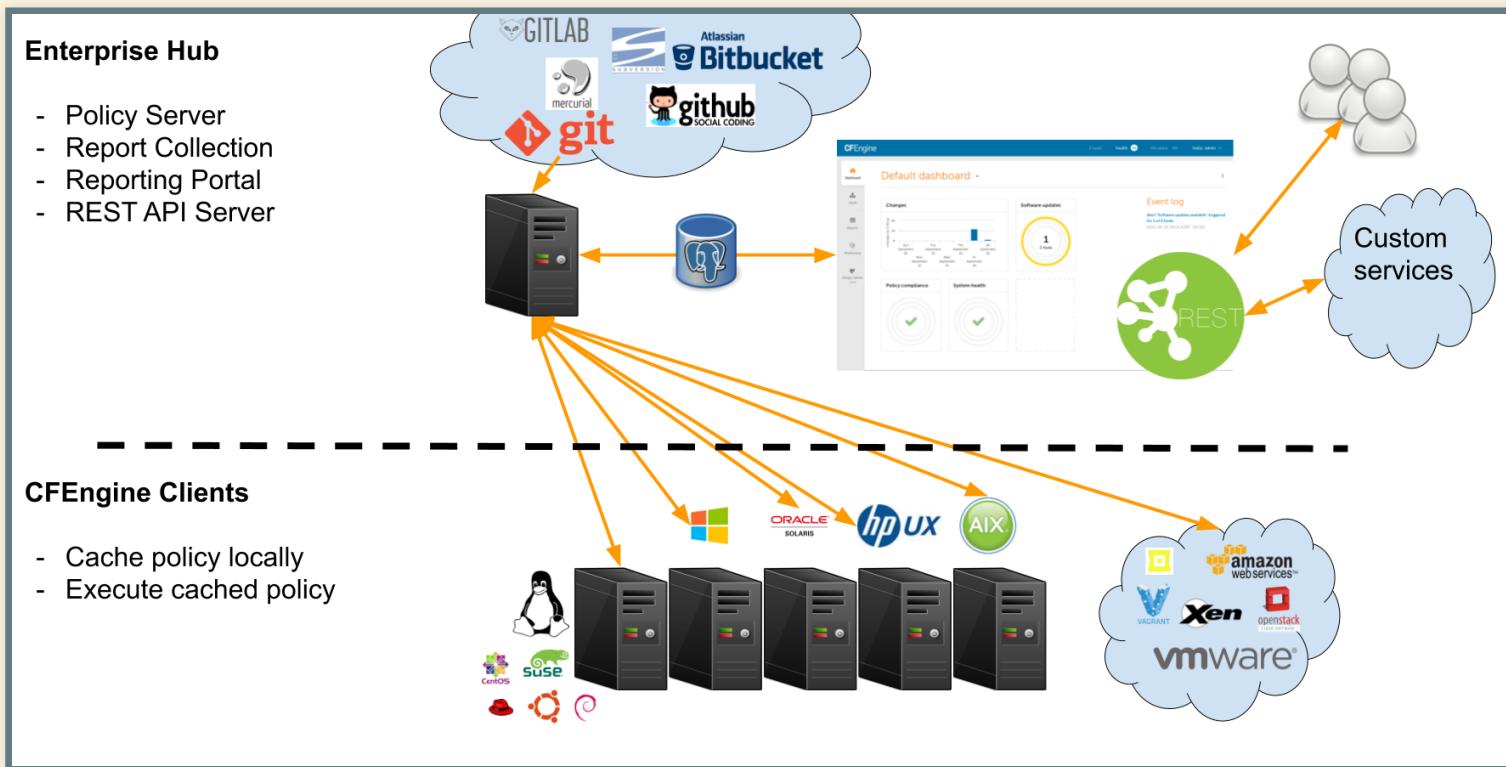
ENTERPRISE

- Vagrant Environment
- Binary Packages

Quick Install Enterprise

```
wget http://cfengine.package-repos.s3.amazonaws.com/quickinstall/\\
quick-install-cfengine-enterprise.sh
sudo bash ./quick-install-cfengine-enterprise.sh <hub|agent>
```

CLIENT/SERVER ARCHITECTURE

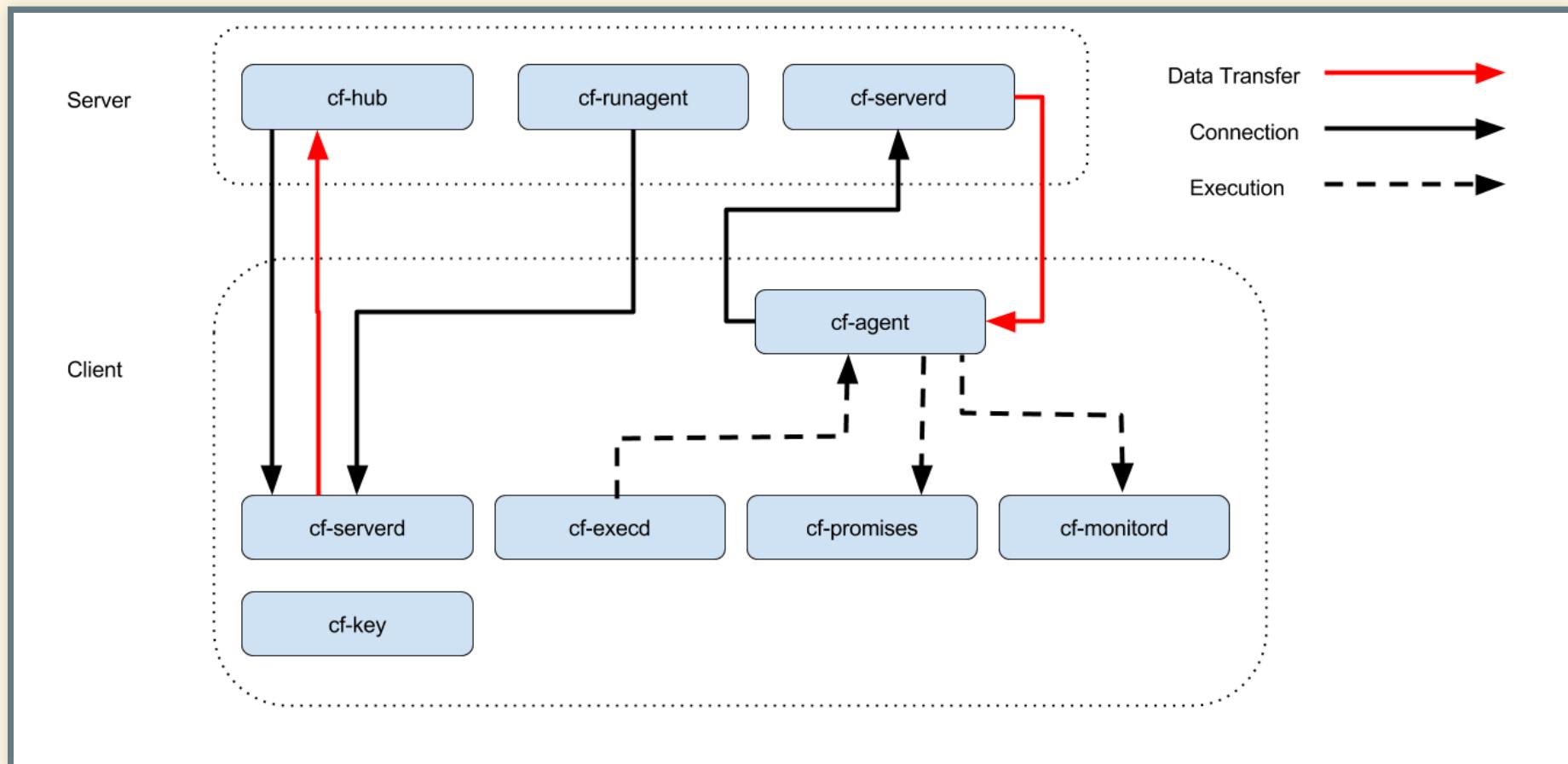


CLIENT SERVER COMMUNICATIONS

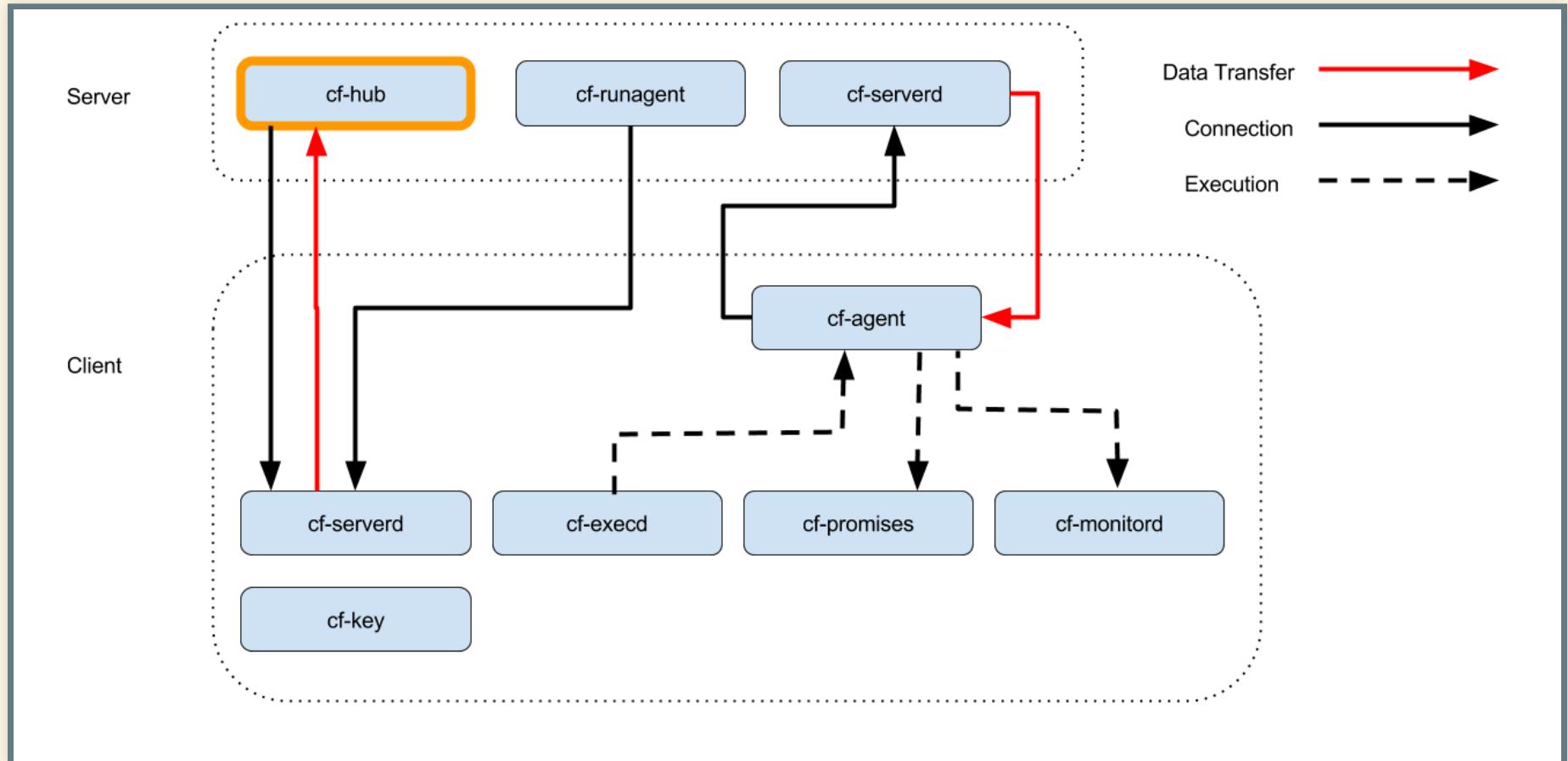
- Utilizes port 5308
- Encrypted (TLS)
- Public key authentication (**key exchange required**)
- Agents download policy from hub
- Hub downloads reports from remote agents

AGENT COMPONENTS

AGENT COMPONENTS

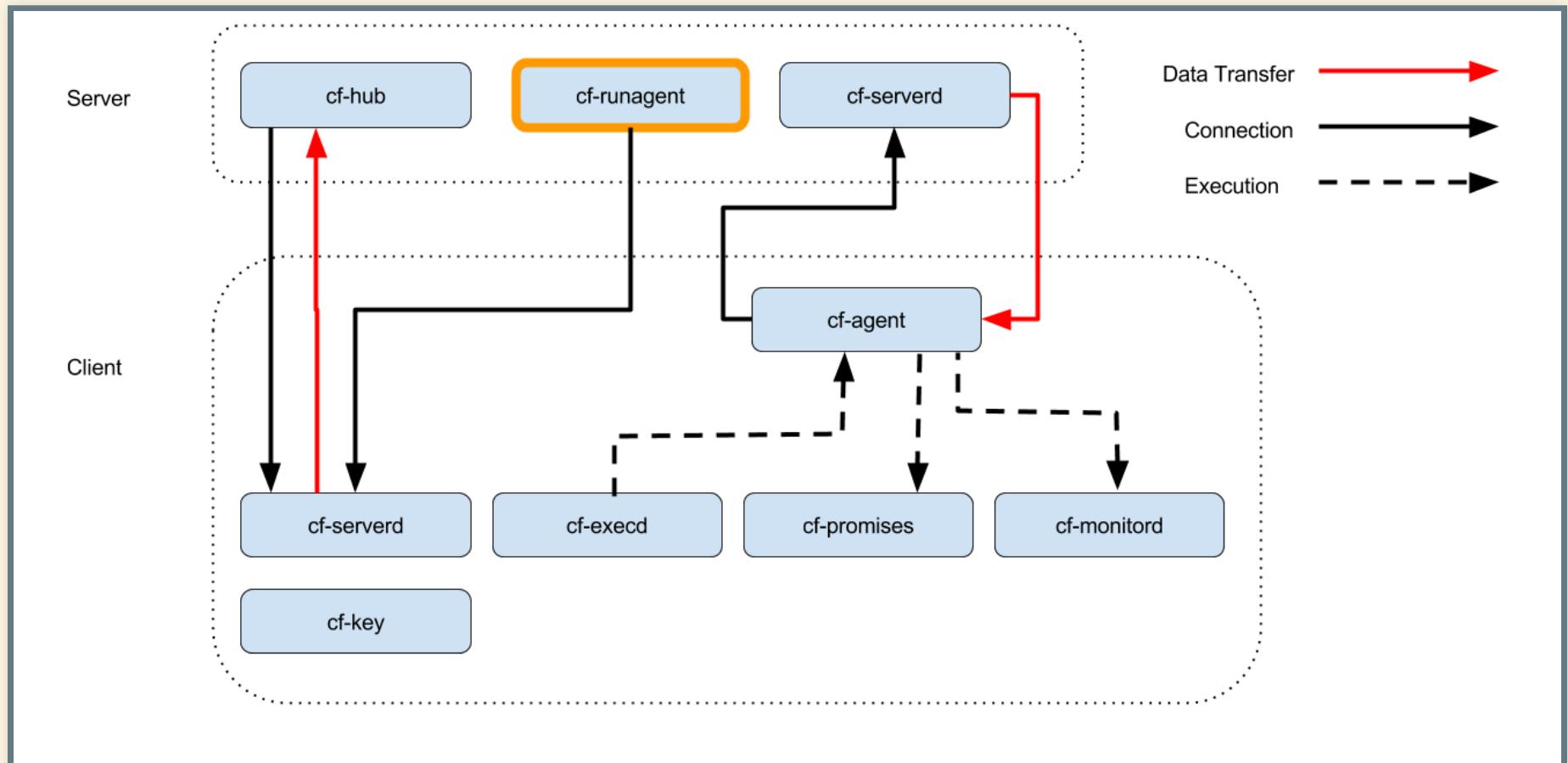


cf-hub



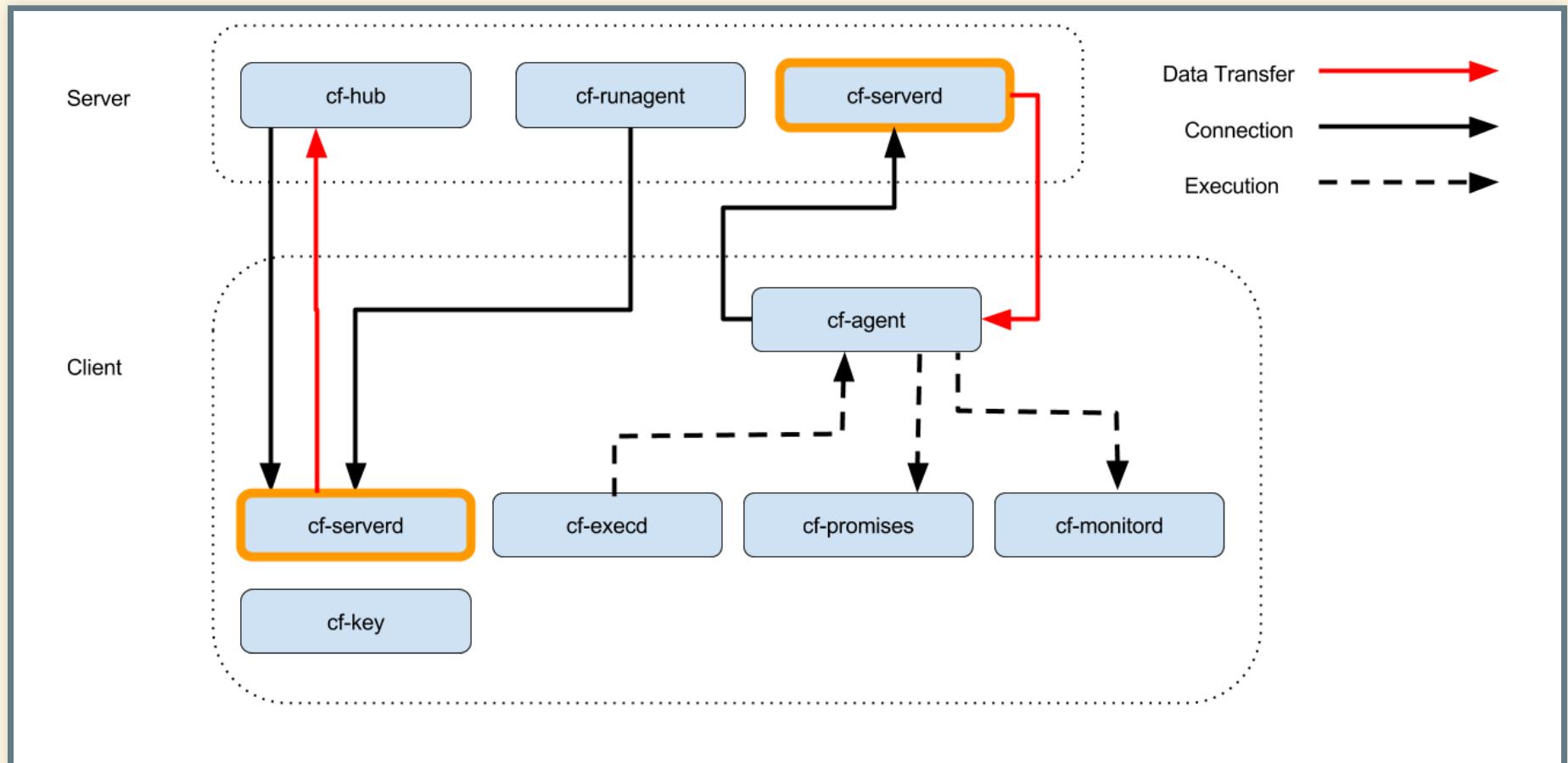
- Collects reports from remote agents
- Obeys "common control" and "hub control" bodies

cf-runagent



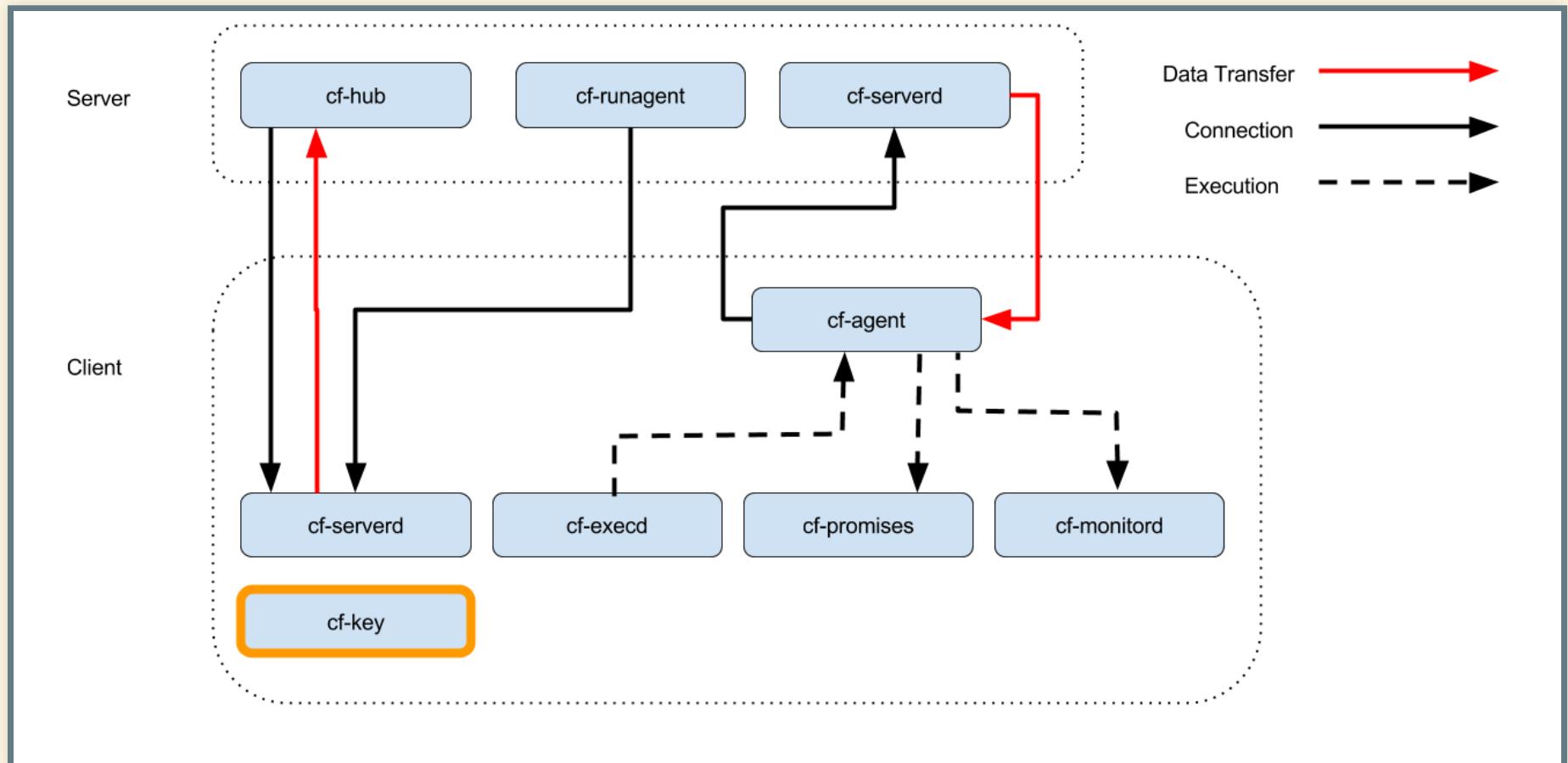
- Requests invocation of cf-agent on remote hosts
- Cannot invoke arbitrary commands
- Define classes to modify behavior (- - define)
- Specify bundlesequence (- - remote - bundles)

cf-serverd



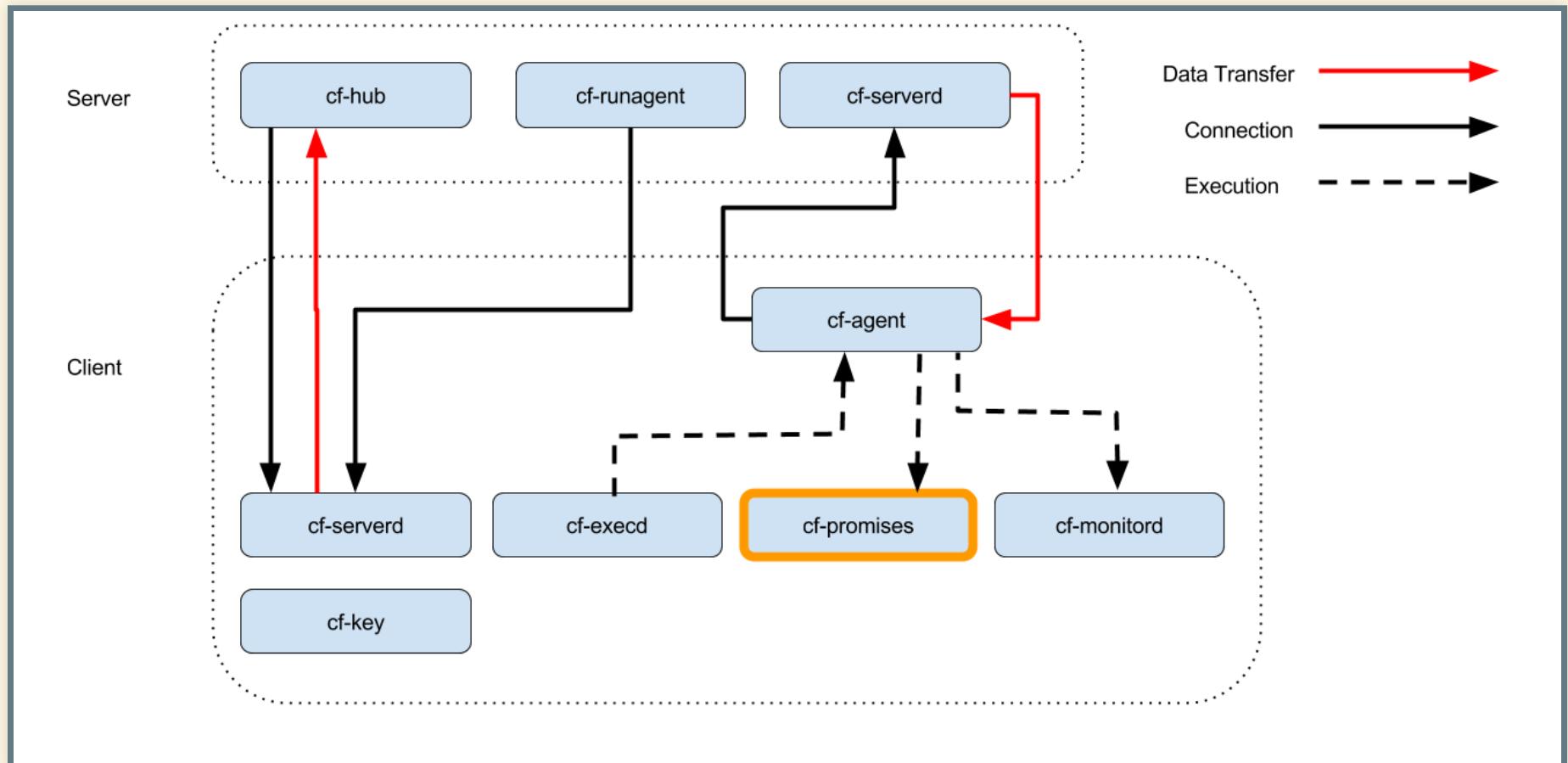
- Listens for connections on **TCP/5308**
- Enforces access control and authentication
- Serves files
- Serves cf-runagent requests
- Serves reports to cf-hub
- Runs on both server and clients
- Evaluates "common" and "server" bundles
- Obeys body "server control"

cf-key



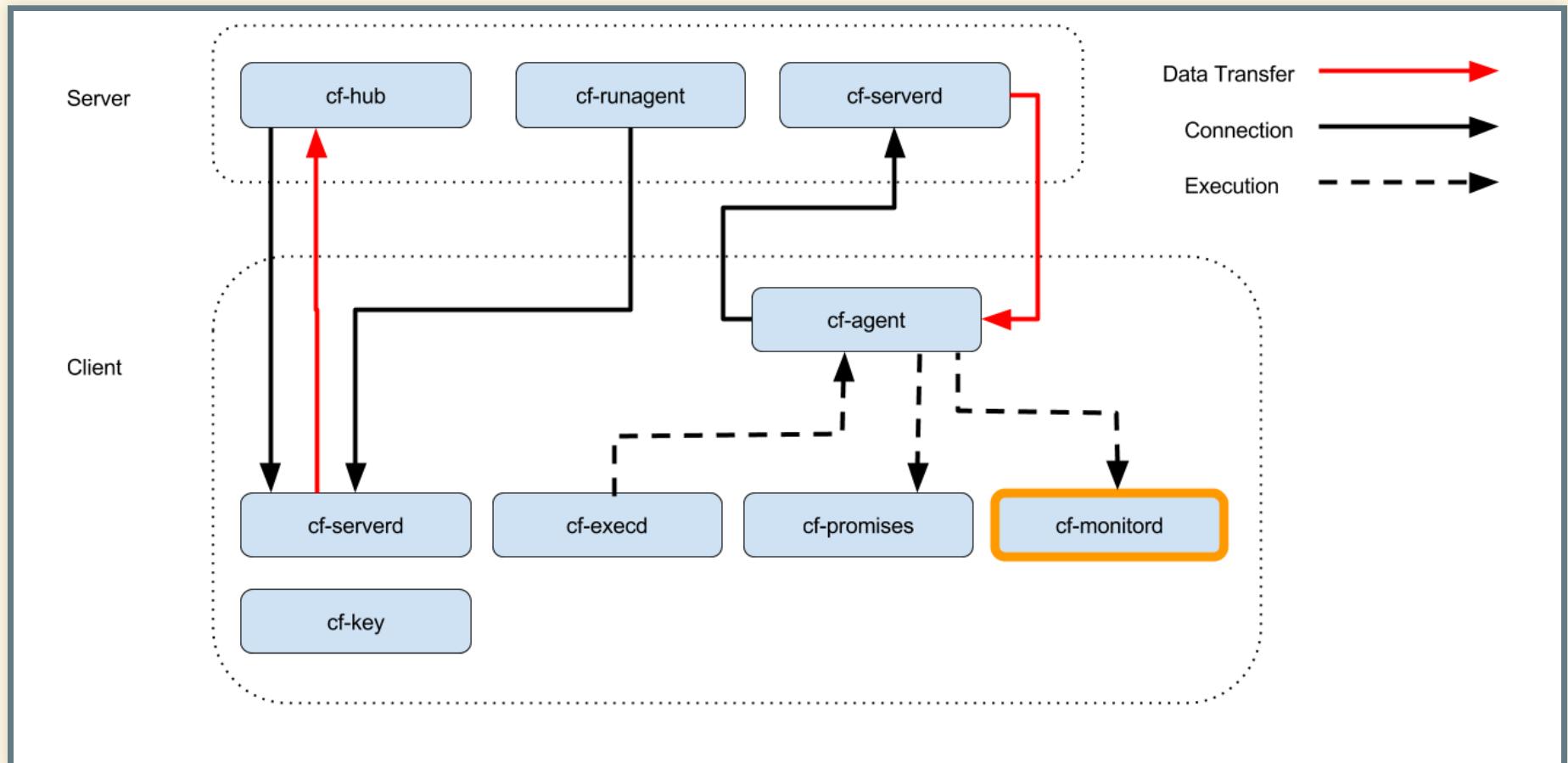
- Show recent connections
- Manage trust of public keys
- Generates key pairs
- Installs Enterprise License

cf-promises



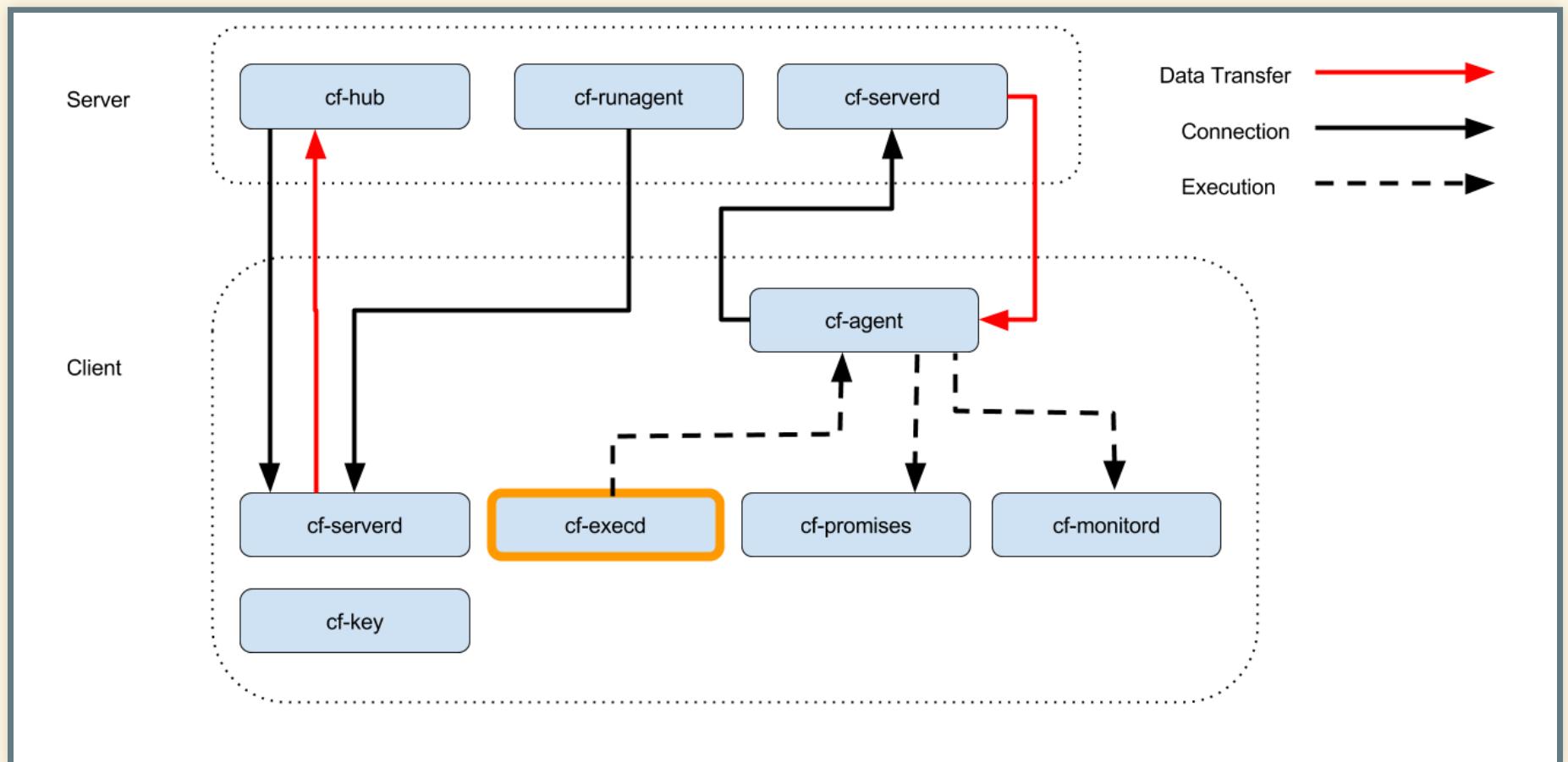
- Checks Syntax
- Dump Syntax (cf-promises --syntax-description)
- Tag Policy Releases (cf-promises --tag-release)
- Show first order Variables and Classes (cf-promises --show-vars --show-classes)

cf-monitord



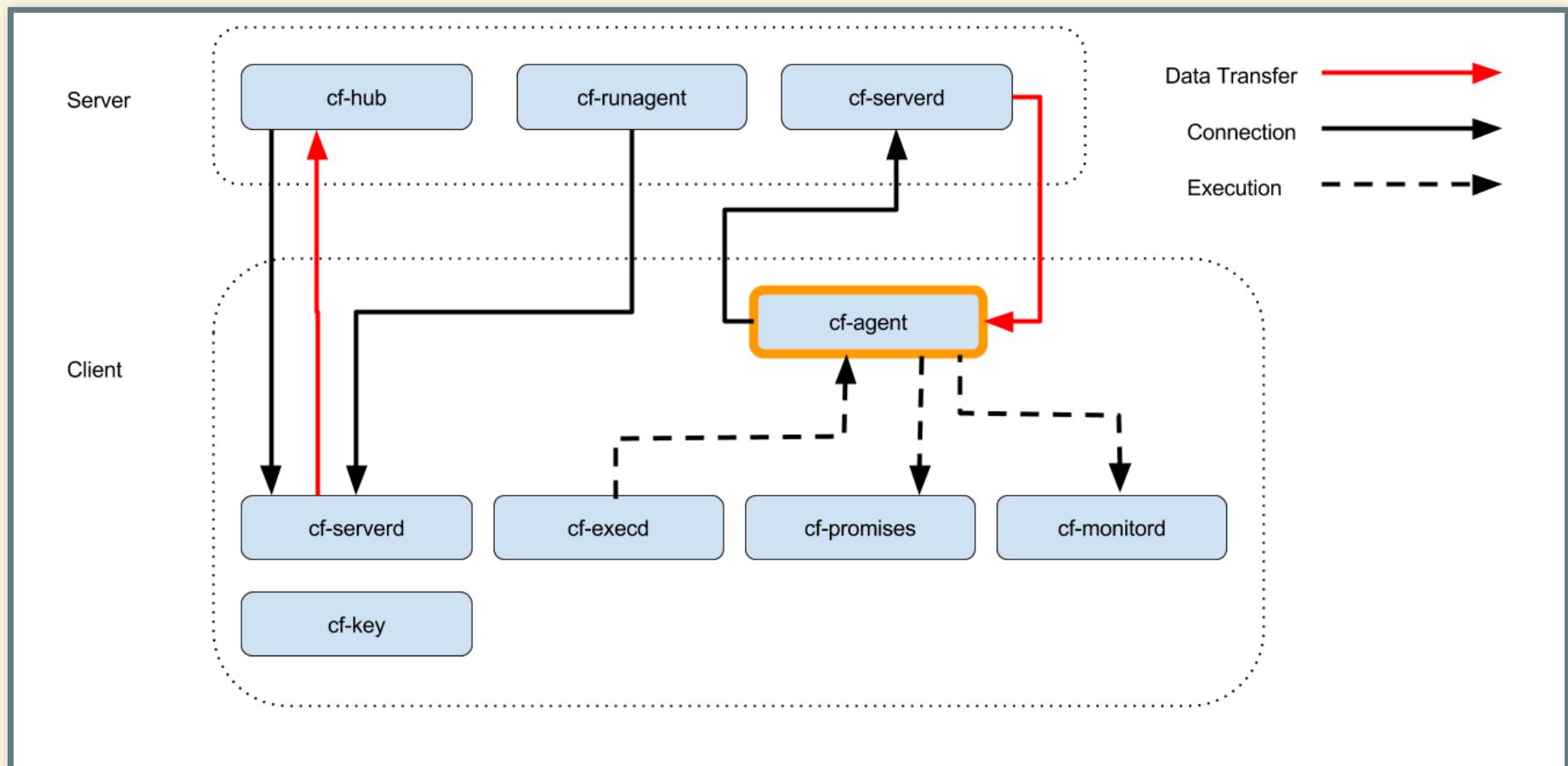
- Measures things
- Defines mon . * variables
- Defines classes based on anomaly detection
- Evaluates "common" and "monitor" bundles
- Obeys "common control" and "monitor control" bodies

cf-execd



- Executes cf-agent periodically
- Controls period and splay time
- Collects, stores, and sends output
- Evaluates "common" bundles
- Obeys "executor control" body

cf-agent



- The catalyst or instigator of change
- Evaluates "agent" and "common" bundles
- Obeys "common control" and "agent control" bodies.
- By default runs \$(sys.default_policy_path)
 - Privileged :
/var/cfengine/inputs/promises.cf
 - Unprivileged:
~/.cfagent/inputs/promises.cf
- Actuates body common control bundle sequence if defined, or bundle __main__ or bundle main

POP QUIZ

POP QUIZ

- What needs to happen before remote agents can get policy from the hub?

POP QUIZ

- What needs to happen before remote agents can get policy from the hub?
 - Where is the policy that the agent runs by default?

POP QUIZ

- What needs to happen before remote agents can get policy from the hub?
 - Where is the policy that the agent runs by default?
 - What port needs to be open bidirectionally?

POP QUIZ

- What needs to happen before remote agents can get policy from the hub?
 - Where is the policy that the agent runs by default?
 - What port needs to be open bidirectionally?
 - How does information from client hosts get into the Enterprise Hub Database?

POP QUIZ

- What needs to happen before remote agents can get policy from the hub?
 - Where is the policy that the agent runs by default?
 - What port needs to be open bidirectionally?
 - How does information from client hosts get into the Enterprise Hub Database?
 - What is the meaning of life, the universe and everything?

MPF & STDLIB

The default "Masterfiles"

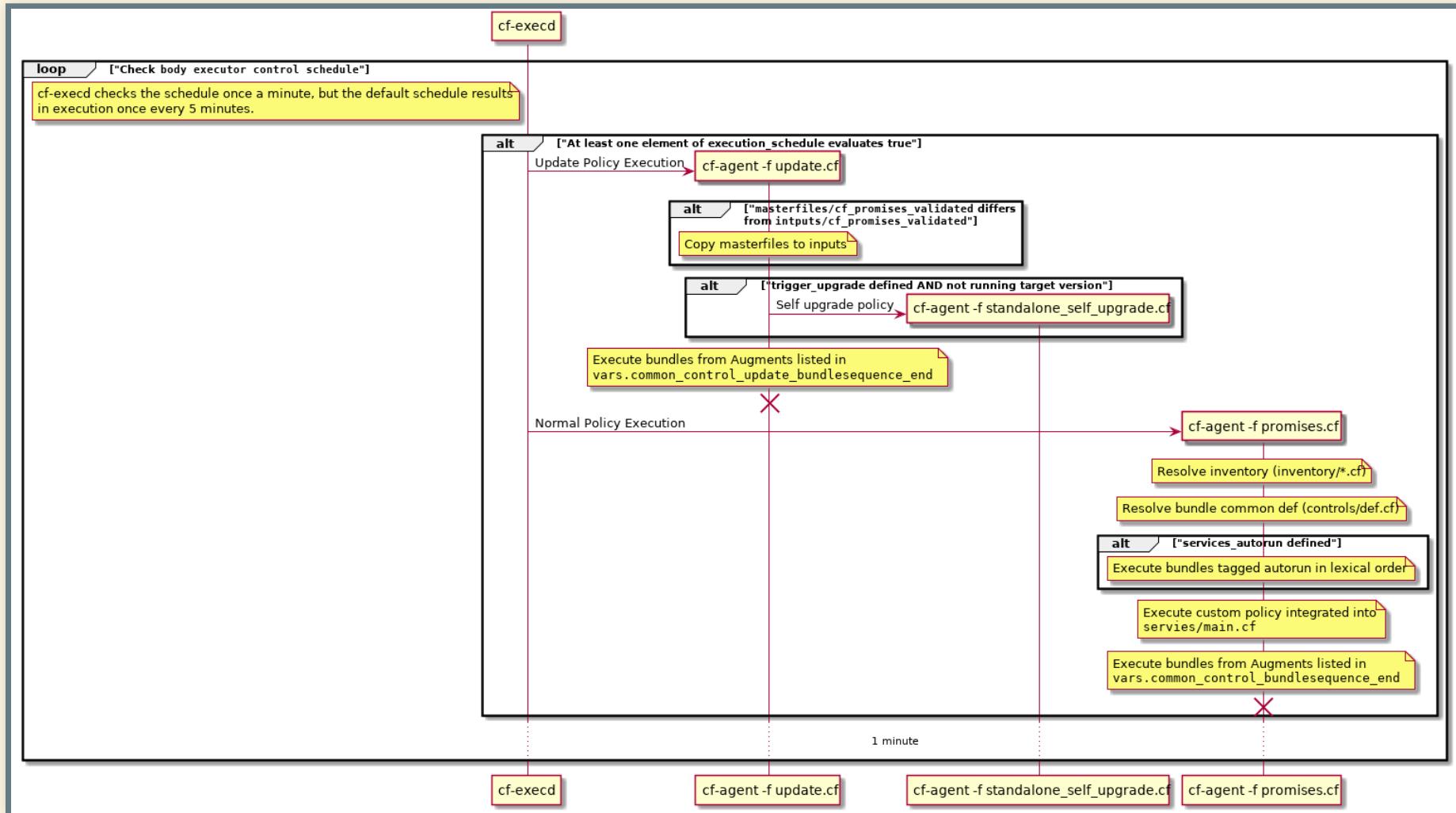
OVERVIEW

- promises.cf
- update.cf
- standalone_self_upgrade.cf
- lib/*
- cfe_internal/*
- controls/*
- inventory/*
- templates/*

USER ENTRIES

- def.json (*Augments*)
- services/*.cf
- services/main.cf
- services/autorun/*.cf
- CUSTOM_DIRECTORY/*.cf

UNATTENDED POLICY EXECUTION OVERVIEW



POP QUIZ

POP QUIZ

- What is the *MPF*?

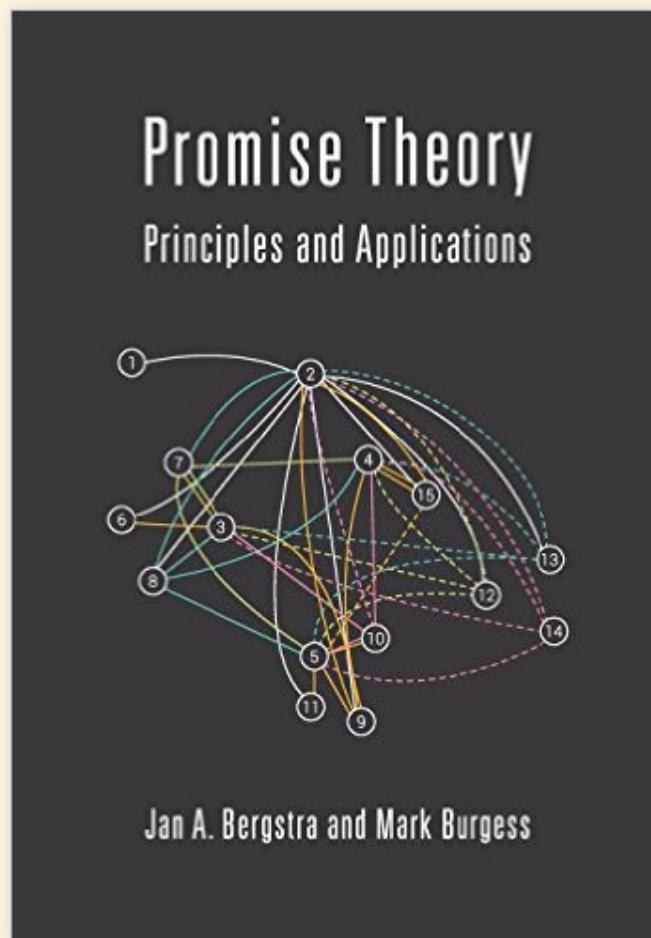
POP QUIZ

- What is the **MPF**?
- Where do you configure *most* MPF tunables?

POP QUIZ

- What is the MPF?
- Where do you configure *most* MPF tunables?
 - When is the MPF typically upgraded?

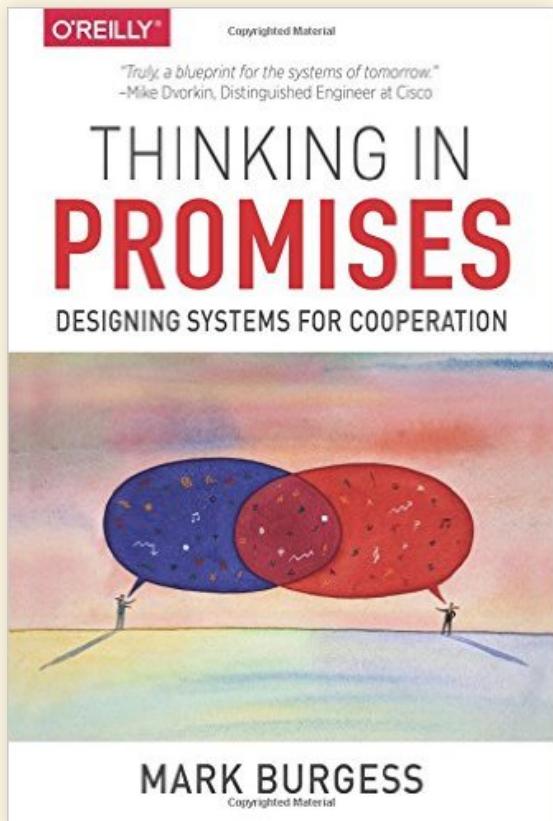
PROMISE THEORY



A model of
voluntary
cooperation
between
individual
autonomous
actors.

PROMISES

- A promise is a **statement of intent**
- Agents can only make promises about themselves



BASIC CONCEPTS



▶ 0:00 / 9:39



LANGUAGE

PROMISE OUTCOMES/RESULTS

- kept
- repaired
- not_kept
 - failed
 - denied
 - timeout

Note: Compound promises can have multiple outcomes at the same time (*not_kept* & *kept* & *repaired*).

```
files:  
  "/mnt/volume/file.txt"  
    create => "true",  
    perms => m( 777 ),  
    edit_line => lines_present( "Hello World $(sys.date)" ),  
    edit_defaults => empty;
```

PROMISE TYPES

access, build_xpath, classes, **commands**, databases,
defaults, delete_attribute, delete_lines, delete_text,
delete_tree, field_edits, **files**, guest_environments,
insert_lines, insert_text, insert_tree, measurements, meta,
methods, **packages**, processes, replace_patterns, reports,
roles, **services**, set_attribute, set_text, storage, users, vars

SYNTAX STRUCTURE

```
bundle type name
{
    promise_type:

        context::

            "promiser" -> { "optional", "stakeholder" }
                attribute_1 => value_1,
                attribute_2 => value_2,
                meta => { "tag1", "tag2", "tag3=something" },
                comment => "Why important";
}

body attribute_N name(optional)
{
    context::
        attribute_N_1 => "value";
        attribute_N_2 => { "value" };
}
```

BUNDLES

- Collection of logically related promises
- Can take parameters
- Maintain *some* variable state
- Can return values
- Are **not functions**

EXAMPLE BUNDLES HOLD *SOME* STATE

examples/example-bundles-maintain-some-variable-state.cf

```
bundle agent main
{
  methods:
    "" usebundle => set_item_in_bag( "hammer", "slightly damaged");
    "" usebundle => set_item_in_bag( "pickaxe", "perfect");
    "" usebundle => set_item_in_bag( "flask", "half full");
    "" usebundle => report_bag_contents;
  reports:
    "$(with)" with => join( ", ", getindices( "set_item_in_bag.array" ) );
}
```

```
bundle agent set_item_in_bag(item, value)
{
    vars:
        "$(item)" string => "$(value)";
        "array[$(item)]" string => "$(value)";
}
bundle agent report_bag_contents
{
    vars:
        "l" slist => variablesmatching("default:set_item_in_bag\..*");
        "a[$(l)]" string => nth(string_split("$(l)", "\.", 2), 1);
    reports:"You look in the bag and see ...."; "A $($l) $(a[$(l)])";
}
```

R: You look in the bag and see

R: A slightly damaged hammer

R: A perfect pickaxe

R: A half full array[flask]

R: A half full flask

R: flask

BUNDLES FOR LOGICAL ABSTRACTION

For example, a bundle to configure Apache might:

- install the apache2 package
- edit the configuration file
- copy the web server content
- configure file-system permissions
- ensure the httpd process is running
- restart the httpd process when necessary

BUNDLE TYPES

```
cf-promises --syntax-description json | jq '.bundleTypes | keys[]'
```

agent

evaluated by cf-agent

common

evaluated by all components

edit_line

evaluated by cf-agent for files type promises

edit_xml

evaluated by cf-agent for files type promises

monitor

evaluated by cf-monitord

server

evaluated by cf-serverd

BUNDLESEQUENCE

- `main` is the default
- `__main__` is treated as *main* if in
`$(sys.policy_entry_filename)`
examples/bundle__main__.cf

```
bundle agent hello_world
{
  reports: "Hello from $(this.bundle)";
}
bundle agent __main__
{
  methods: "hello_world";
}
```

BODIES

- Collection of attributes
- Have a type (e.g. classes, perms, copy_from)
- Can take parameters
- Can be inherited (3.8+)
- Can be *defaulted* for a given promise type (3.9+)

There are **41** body types as of 3.15.0

```
cf-promises --syntax-description json | jq '.bodyTypes | keys |join(", ") '
```

acl, action, agent, changes, classes, common, contain,
copy_from, database_server, delete, delete_select,
depth_search, edit_defaults, edit_field,
environment_interface, environment_resources, executor,
file, file_select, hub, insert_select, link_from, location,
match_value, monitor, mount, package_method,
package_module, password, perms, printfile,
process_count, process_select, rename, replace_with,
report_data_select, runagent, select_region, server,
service_method, volume

SPECIAL BODIES THAT CONTROL AGENT BEHAVIOR

- body common control
- body file control
- body agent control
- body server control
- body executor control
- body hub control

DEFAULT BODIES

examples/default-bodies.cf

```
bundle agent main
{
  files:
    "/tmp/show_default_action"
      create => "true";

    "/tmp/show_explicit_action"
      create => "true",
      action => fix;
}

body action fix
{
  action_policy => "fix";
}

body file control
{
  namespace => "bodydefault";
}
body action files_action
{
  action_policy => "warn";
}
```

```
warning: Warning promised, need to create file '/tmp/show_default_action'  
info: Created file '/tmp/show_explicit_action', mode 0600
```

NORMAL ORDER

- The order in which CFEngine executes **promise types**
 - Classes then Vars are evaluated during policy parsing and pre-eval
 - Promises are evaluated from top to bottom respecting class restrictions
 - Bundles listed in the bundlesequence or activated via methods are given 3 pass evaluation

EXAMPLE:

```
bundle agent illustrating_normal_order
{
  vars:
    "color1" string => "red";

  reports:
    "$(color1)+$(color2) = Purple";

  vars:
    "color2" string => "blue";
}
```

```
# cf-agent --bundlesequence illustrating_normal_order --no-lock --log-level info
      info: Using command line specified bundlesequence
R: red+blue = Purple
```

```
bundle agent illustrating_normal_order
{
  vars:
    "color1" string => "red";
    "color2" string => "blue";

  reports:
    "$(color1)+$(color2) = Purple";
}
```

```
# cf-agent --bundlesequence illustrating_normal_order --no-lock --log-level info
      info: Using command line specified bundlesequence
R: red+blue = Purple
```

AUGMENTS (def.json)

- Very early definition
- Loaded if def.json is found next to
\$(sys.policy_entry_filename)
- Classes based on system discovery
(platform/networks/arch)
- Variables defined in def bundle scope

EXAMPLE AUGMENTS

examples/augments/def.json

```
{  
  "classes": {  
    "by_regular_expression": [ "ubuntu_\\d+" ],  
    "by_class_expression": [ "(Afternoon|Evening).(Monday|Wednesday|Friday) ::  
  },  
  "vars": {  
    "myvar1": "defined from augments",  
    "myvar2": "defined from augments"  
  }  
}
```

EXAMPLE POLICY USING AUGMENTS

examples/augments/augments.cf

```
bundle agent main
{
  reports:
    "I defined '$(const.dollar)(def.myvar1)' as '$(def.myvar1)'';

    by_regular_expression::
      "Define classes from augments based on a regular expression";

    by_class_expression::
      "Define classes from augments based on CFEngine class expressions";

}
```

EXAMPLE OUTPUT

```
cf-agent --no-lock --file ./examples/augments/augments.cf
```

```
R: I defined '$(def.myvar1)' as 'defined from augments'  
R: Define classes from augments based on a regular expression  
R: Define classes from augments based on CFEngine class expressions
```

POLICY ALWAYS WINS!

examples/augments/augments-policy-wins.cf

```
bundle common def
{
    vars:
        "myvar1" string => "Defined in policy";
        "myvar2"
            string => "Defined in policy",
            if => not( isvariable( myvar2 ) );
}
bundle agent main
{
    reports:
        "I defined '$(const.dollar)(def.myvar1)' as '$(def.myvar1)'";
        "I defined '$(const.dollar)(def.myvar2)' as '$(def.myvar2)';

    by_regular_expression::
        "Define classes from augments based on a regular expression";

    by_class_expression::
        "Define classes from augments based on CFEngine class expressions";
}
```

EXAMPLE OUTPUT

```
cf-agent --no-lock --file ./examples/augments/augments-policy-wins.cf
```

```
R: I defined '$(def.myvar1)' as 'Defined in policy'  
R: I defined '$(def.myvar2)' as 'defined from augments'  
R: Define classes from augments based on a regular expression  
R: Define classes from augments based on CFEngine class expressions
```

MULTIPLE AUGMENTS

Merge more augments on top.

examples/augments-multiple/def.json

```
{  
  "vars": {  
    "myvar1": "defined from augments for all",  
    "myvar2": "defined from augments for all"  
  },  
  "augments": [ "$(sys.policy_entry dirname)/$(sys.os).json" ]  
}
```

examples/augments-multiple/linux.json

```
{  
  "vars": {  
    "myvar2": "override for linux hosts"  
  }  
}
```

MULTIPLE AUGMENTS: EXAMPLE POLICY

examples/augments-multiple/promises.cf

```
bundle agent main
{
  reports:
    ''$(const.dollar)(def.myvar1)' is '$(def.myvar1)';
    ''$(const.dollar)(def.myvar2)' is '$(def.myvar2)';
}
```

```
cf-agent --no-lock --file ./examples/augments-multiple/promises.cf
```

```
R: '$(def.myvar1)' is 'defined from augments for all'
R: '$(def.myvar2)' is 'override for linux hosts'
```

MACROS

- Conditional parsing based on version and features
- Use for supporting future syntax, speed optimizations

MINIMUM_VERSION

examples/macros-if-minimum_version.cf

```
bundle agent example_macro_minimum_version
{
@if minimum_version(4.0.0)
    This contains completely invalid syntax, but it's OK.
    Only versions 4 and greater will evaluate this section.
@endif
@if minimum_version(3.14.0)
    # the function `classfiltercsv()` was introduced in 3.14.0
vars:
    "container"  data => classfiltercsv( $(file), # File
                                            true, # Has header
                                            0, # Class column
                                            2); # Optional sort column
@endif
}
```

FEATURE

- Feature Macro documentation

You can conditionally parse policy based on compiled in features using this macro.

examples/macros-if-feature-yaml.cf

```
bundle agent main
{
@if feature(yaml)
# the yaml library may not be compiled in
  vars: "container" data => parseyaml(
    - array1
    - array2
    - key: 1
    - key: 2');
@endif

reports:
  "$($with)" with => string_mustache('{{%-top-}}', container );
}
```

FUNCTIONS

There are 181 functions as of 3.17.0

accessedbefore, accumulated, ago, and, basename,
bundlesmatching, bundlestate, callstack_callers,
callstack_promisers, canonify, canonifyuniquely,
cf_version_after, cf_version_at, cf_version_before,
cf_version_between, cf_version_maximum,
cf_version_minimum, changedbefore, classesmatching,
classfiltercsv, classify, classmatch, concat,
countclassesmatching, countlinesmatching, data_expand,
data_readstringarray, data_readstringarrayidx

data_reextract, data_sysctlvalues, datastate, difference,
dirname, diskfree, escape, eval, every, execresult,
execresult_as_data, expandrange, file_hash, fileexists,
fileexist, filesize, filestat, filter, findfiles, findprocesses,
format, getclassmetatags, getenv, getfields, getgid,
getindices, getuid, getuserinfo, getusers, getvalues,
getvariablemetatags, grep, groupexists, hash, hash_to_int,
hashmatch, host2ip, hostinnetgroup, hostrange

hostsseen, hostswithclass, hubknowledge, ifelse,
intersection, ip2host, iprange, irange, isdir, isexecutable,
isgreaterthan, isipinsubnet, islessthan, islink, isnewerthan,
isplain, isvariable join, lastnode, laterthan, Idaparray,
Idaplist, Idapvalue, length, Isdir, makerule, maparray,
mapdata, maplist, max, mean, mergedata, min,
network_connections, none, not, now, nth, on, or,
packagesmatching, packageupdatesmatching,
parseintarray, parsejson

parseealararray, parsestringarray, parsestringarrayidx,
parseyaml, peerleader, peerleaders, peers, processexists,
product, randomint, read_module_protocol, readcsv,
readdata, readenvfile, readfile, readintarray, readintlist,
readjson, readrealarray, readreallist, readstringarray,
readstringarrayidx, readstringlist, readtcp, readyaml,
regarray, regcmp, regex_replace, regextract, registryvalue,
regldap, regline, reglist, remoteclassesmatching

remotescalar, returnszero, reverse, rrange, selectservers,
shuffle, some, sort, splayclass, splitstring, storejson,
strcmp, strftime, string_downcase, string_head,
string_length, string_mustache, string_replace,
string_reverse, string_split, string_tail, string_trim,
string_upcase, sublist, sum, sysctlvalue, translatepath,
unique, url_get, usemodule, userexists, validdata, validjson,
variablesmatching, variablesmatching_as_data, variance

POP QUIZ

POP QUIZ

- What is a bundle?

POP QUIZ

- What is a bundle?
- What is the fundamental underlying philosophy that CFEEngine is based on?

POP QUIZ

- What is a bundle?
- What is the fundamental underlying philosophy that CFEEngine is based on?
 - When is the next break?

POP QUIZ

- What is a bundle?
- What is the fundamental underlying philosophy that CFEEngine is based on?
 - When is the next break?
- Which component collects reports from remote agents?

POP QUIZ

- What is a bundle?
- What is the fundamental underlying philosophy that CFEEngine is based on?
 - When is the next break?
- Which component collects reports from remote agents?
 - What types of bundles are there?

POP QUIZ

- What is a bundle?
- What is the fundamental underlying philosophy that CFEEngine is based on?
 - When is the next break?
- Which component collects reports from remote agents?
 - What types of bundles are there?
- In what order are promises within a bundle processed?

POP QUIZ

- What is a bundle?
- What is the fundamental underlying philosophy that CFEEngine is based on?
 - When is the next break?
- Which component collects reports from remote agents?
 - What types of bundles are there?
- In what order are promises within a bundle processed?
- How can you use new language features when you still have some old agents?

MAKING DECISIONS: CONTEXT CLASSES AND EXPRESSIONS

CLASSES

- Restrict promises based on context
- Usable in bundles and bodies
- Used for making decisions
- Can be combined with expressions

WHAT CLASSES ARE DEFINED?

Before 3 pass evaluation

```
cf-promises --show-classes
```

At the end of a policy run

```
cf-agent --show-evaluated-classes
```

Currently within a policy

```
vars:  
  "defined" slist => classesmatching( ".*" );
```

EXAMPLE

```
cf-promises --show-classes | tail -n+2 | awk -vORS=", " '{print $1}'
```

127_0_0_1, 172_17_0_1, 192_168_122_1,
192_168_42_189, 4_cpus, 64_bit, Afternoon, Day23,
February, GMT_Day23, GMT_Evening, GMT_February,
GMT_Hr18, GMT_Hr18_Q3, GMT_Lcycle_1,
GMT_Min30_35, GMT_Min34, GMT_Q3, GMT_Sunday,
GMT_Yr2020, Hr12, Hr12_Q3, Lcycle_1, Min30_35,
Min34,
PK_SHA_43c979e264924d0b4a2d3b568d71ab8c768ef6348
Q3, Sunday, Yr2020, any, cfengine, cfengine_3,
cfengine_3_15, cfengine_3_15_0, common,
compiled_on_linux_gnu, debian, debian_buster, enterprise,
enterprise_3, enterprise_3_15, enterprise_3_15_0,
enterprise edition.

fe80__5ee0_c5ff_fe9f_f38f, feature, feature_curl,
feature_def, feature_def_json, feature_def_json_parse,
feature_tls, feature_tls_1, feature_tls_1_0, feature_tls_1_1,
feature_tls_1_2, feature_tls_1_3, feature_xml,
feature_yaml, ipv4_127, ipv4_127_0, ipv4_127_0_0,
ipv4_127_0_0_1, ipv4_172, ipv4_172_17, ipv4_172_17_0,
ipv4_172_17_0_1, ipv4_192, ipv4_192_168,
ipv4_192_168_122, ipv4_192_168_122_1,
ipv4_192_168_42, ipv4_192_168_42_189,
 ipv4_gw_192_168_42_1,
 ipv6_fe80__5ee0_c5ff_fe9f_f38f, linux,
 linux_5_0_0_38_lowlatency, linux_x86_64,
 linux_x86_64_5_0_0_38_lowlatency,
 linux_x86_64_5_0_0_38_lowlatency__41_Ubuntu_SMP_PREF

mac_02_42_fb_b7_c0_59, mac_52_54_00_6b_62_06,
mac_5c_e0_c5_9f_f3_8f, my_other_example,
net_iface_docker0, net_iface_lo, net_iface_virbr0,
net_iface_wlan0, nickanderson_thinkpad_w550s, nova,
nova_3, nova_3_15, nova_3_15_0, nova_edition, systemd,
test_class_29665402e2b4331f10b8d767b512cd916eeb5db9
test_class_29665402e2b4331f10b8d767b512cd916eeb5db9
ubuntu, ubuntu_19, ubuntu_19_04, x86_64,

CLASS EXPRESSIONS

Table 2: Class Expressions

. (dot)	AND
& (ampersand)	AND
(pipe)	OR
! (exclamation)	NOT
() (parenthesis)	grouping

- It's more common to use . than & to express AND

EXAMPLE ILLUSTRATING CLASS EXPRESSIONS

examples/00-01-using_class_expressions.cf

```
bundle agent main
{
  files:
    linux.(Sunday|Saturday):::
      "/etc/nologin" -> { "Human Resources" }
      create => "true",
      comment => "Disallow non-root logins on the weekend.
                    We believe in work-life balance, and
                    encourage it.';

    linux.! (Sunday|Saturday):::
      "/etc/nologin" -> { "Business Operations" }
      delete => tidy,
      comment => "People need to be able to log in for them
                    to do their work during the week";
}
```

CLASS TYPES

- Hard Classes
- Soft Classes

HARD CLASSES

- Defined by agent
- Not configurable
- Always available
- Discovered each run
- Cannot be undefined

redhat, Thursday, linux

SOFT CLASSES

- Defined by policy
- Based on anything
- Available after definition
- Can persist for period of time
- Can be namespace or bundle scoped
- Can be undefined only as the result of a promise

VALID CLASS NAMES

- Allowed characters include [a-zA-Z0-9_]
- **Canonify** a string to produce a valid class name
 - Converts invalid characters to _.
- Automatically canonified **when defined**

Note: Classes are **NOT** automatically canonified when checked.

EXAMPLE OF AUTOMATIC CANONIFICATION

examples/00-01-classes_canonification.cf

```
bundle agent main
{
  vars:
    "my_class_name" string => "Invalid-Class/Name!";
    "c_my_class_name" string => canonify( "$(my_class_name)" );

  classes:
    "$(my_class_name)" expression => "any";

  reports:
    "'$(my_class_name)' is **NOT** a class that is defined"
      unless => "$(my_class_name)";

    "'$(c_my_class_name)' **IS** a defined class"
      if => canonify( $(my_class_name) );
}
```

```
R: 'Invalid-Class/Name!' is **NOT** a class that is defined  
R: 'Invalid_Class_Name_' **IS** a defined class
```

CLASS SCOPE

- Namespace scoped classes are accessible from any bundle.
- Persist until end of agent run or explicitly undefined.
- Bundle scoped classes are only accessible from within the bundle the class was defined, or bundles actuated via methods where inheritance is specified
- All hard classes are namespace scoped

CLASS SCOPE RULES

Table 3: Default scope for
classes type promises

Bundle Type	Scope
common	namespace
agent	bundle

- classes bodies default to **namespace scope**

Pro Tip: Use **bundle** scoped classes whenever possible.

DEFINE CUSTOM CLASSES BY EXPRESSION

examples/00-10-classes_by_expression.cf

```
bundle agent main
{
  classes:
    "weekend" or => { "Saturday", "Sunday" };
    "weekday" not => "weekend";

    "business_hours"
      expression => "weekday.(Hr9|Hr10|Hr11|Hr13|Hr14|Hr15|Hr16|Hr17)",
      comment => "Weekdays from 9-5 excluding the lunch hour.';

    "webserver"
      expression => regcmp( "www.*", $(sys fqhost) ),
      comment => "Identify webservers based on their name";

    "north_america"
      expression => iprange( "10.1.0.0/16" );
}
```

DEFINE CUSTOM CLASSES BY PROMISE OUTCOME

examples/00-10-

classes_define_based_on_promise_outcome.cf

```
bundle agent main
{
  vars:
    "config[PermitRootLogin]" string => "no";

  files:
    "/etc/ssh/sshd_config"
      edit_line => set_line_based(
        "$(this.bundle).config", # Config MAP
        " ", # Separator
        "\s+", # Separator regex
        ".*", # Keys to consider
        "\s*#\s*"), # Lines to ignore
      classes => scoped_classes_generic("bundle", "sshd_config");

  services:
    sshd_config_repaired:::
      "sshd"
        service_policy => "restart",
        comment => "For sshd to pick up changed config it must be restarted."
}
```

EXAMPLE - TRADITIONAL CLASS EXPRESSIONS

examples/00-10-
classes_traditional_expression.cf

```
bundle agent main
{
  reports:
    "Hello World!";
    linux.!$(Saturday|Sunday):::
      "This is a linux host.";
      "Today is not Saturday or Sunday.";
}
```

```
R: Hello World!
R: This is a linux host.
R: Today is not Saturday or Sunday.
```

EXAMPLE - RESTRICT INDIVIDUAL PROMISES WITH IF AND UNLESS

examples/00-10-
classes_example_if_and_unless.cf

```
bundle agent main
{
  vars:
    "platforms" slist => { "linux", "windows" };

  reports:
    "I am a $(platforms) host"
      if => "$(platforms)";
      # ifvarclass => "$(platforms)";

    "I was made by Microsoft"
      unless => "!windows";
}
```

R: I am a linux host

EXAMPLE - VARIABLE CLASS EXPRESSIONS

examples/00-10-
classes_example_variable_class_expressions.cf

```
bundle agent main
{
  vars:
    "platforms" slist => { "linux", "windows" };

  reports:
    !(Saturday|Sunday):::
      "It's a weekday and I am a $(platforms) host!"
      if => "$(platforms)";

    "$(platforms)"::
      "I am a $(platforms) host and it's a weekday!"
      if => "!(Saturday|Sunday)";
}
```

```
R: It's a weekday and I am a linux host!
R: I am a linux host and it's a weekday!
```

FUNCTIONS THAT RETURN "CONTEXT"

```
cf-promises --syntax-description json | jq '.functions | \  
  with_entries( select(.value.returnType == "context") ) | \  
  keys | join( ", " )'
```

accessedbefore, changedbefore, classify, classmatch,
every, fileexists, filesexist, groupexists, hashmatch,
hostinnetgroup, hostrange, iprange, isdir, isexecutable,
isgreaterthan, isipinsubnet, islessthan, islink, isnewerthan,
isplain, isvariable, laterthan, Idaparray, none, processexists,
read_module_protocol, regarray, regcmp, regextract,
regldap, regline, reglist, remoteclassesmatching,
returnszero, some, splayclass, strcmp, usemodule,
userexists

POP QUIZ

POP QUIZ

- What types of classes are there?

POP QUIZ

- What types of classes are there?
 - What is the difference?

POP QUIZ

- What types of classes are there?
 - What is the difference?
 - What are valid class characters?

POP QUIZ

- What types of classes are there?
 - What is the difference?
 - What are valid class characters?
- What is the default scope for classes defined as the result of a promise outcome using a classes body?

POP QUIZ

- What types of classes are there?
 - What is the difference?
 - What are valid class characters?
- What is the default scope for classes defined as the result of a promise outcome using a classes body?
- What component serves policy files, which hosts can be a policy server?

VARIABLES & DATA TYPES

VARIABLE SCOPING

- All variables are globally accessible
- `$(variable)`, `@(list or data container)`
- Use fully qualified variable names when accessing variables in other bundles.
 - `$(bundle.variable)`, `@(bundle.list)`
 - `$(namespace:bundle.variable)`,
`@(namespace:bundle.list)`

DATATYPES

- string
- slist, ilist, rlist
- classic "array"
- data

EXAMPLE - STRINGS

examples/00-01-strings.cf

```
bundle agent main
{
  vars:
    "string1" string => "one";
    "string2" string => "strings
can be multi-line";
    "string3" string => "with \"quotes\"";
    "string4" string => 'or "quotes"';
    "string5" string => `with 'single' and "double" quotes`;
  reports:
    "string1 = '$(string1)'";
    "string2 = '$(string2)'";
    "string3 = '$(string3)'";
    "string4 = '$(string4)'";
    "string5 = '$(string5)'";
}
```

```
R: string1 = 'one'  
R: string2 = 'strings  
can be multi-line'  
R: string3 = 'with "quotes"'  
R: string4 = 'or "quotes"'  
R: string5 = 'with 'single' and "double" quotes'
```

EXAMPLE - NUMBERS

examples/00-02-numbers.cf

```
bundle agent main
{
  vars:
    "var1" int => "1";
    "var2" int => "10K";
    "var3" real => "1.2";
    "var4" real => "10e-5";
    "var5" int => "inf";

  reports:
    "var1 = '$(var1)'";
    "var2 = '$(var2)'";
    "var3 = '$(var3)'";
    "var4 = '$(var4)'";
    "inf = '$(var5)'";
}
```

```
R: var1 = '1'  
R: var2 = '10240'  
R: var3 = '1.200000'  
R: var4 = '0.000100'  
R: inf = '999999999'
```

EXAMPLE - LISTS

examples/00-04-lists.cf

```
bundle agent main
{
  vars:
    "var1" ilist => { 1, 2, "3", "4" };
    "var2" rlist => { "1.2", "2.0", "3.3" };
    "var3" slist => { "one", "two", three,
                        @(var1), @(var2),
                      };
    "var4" real => sum( var2 );
  reports:
    "var1 = '$(var1)'";
    "var2 = '$(var2)'";
    "var3 = '$(var3)'";
    "var4 = '$(var4)'";
}
```

```
R: var1 = '1'  
R: var1 = '2'  
R: var1 = '3'  
R: var1 = '4'  
R: var2 = '1.2'  
R: var2 = '2.0'  
R: var2 = '3.3'  
R: var3 = 'one'  
R: var3 = 'two'  
R: var3 = 'three'  
R: var3 = '1'  
R: var3 = '2'  
R: var3 = '3'  
R: var3 = '4'  
R: var3 = '1.2'  
R: var3 = '2.0'  
R: var3 = '3.3'  
R: var4 = '6.500000'
```

EXAMPLE - LIST ITERATION (LOOPS)

examples/00-03-list_iteration.cf

```
bundle agent main
{
  vars:
    "numbers" slist => { "1", "2", "3" };
    "colors" slist => { "red", "green", "blue" };

  reports:
    "$(numbers)";
    "$(colors)";
    "$(numbers) with $(colors)";
    "$(colors) with $(numbers)";
}
```

R: 1
R: 2
R: 3
R: red
R: green
R: blue
R: 1 with red
R: 1 with green
R: 1 with blue
R: 2 with red
R: 2 with green
R: 2 with blue
R: 3 with red
R: 3 with green
R: 3 with blue
R: red with 1
R: red with 2
R: red with 3
R: green with 1
R: green with 2
R: green with 3
R: blue with 1
R: blue with 2
R: blue with 3

EXAMPLE - "CLASSIC" ARRAYS

examples/00-05-classic_arrays.cf

```
bundle agent main
{
  vars:
    "file[motd]"  string => "/etc/motd";
    "file[fstab]" string => "/etc/fstab";

    "file_idx" slist => getindices( file );
    "files" slist => getvalues( file );

  reports:
    "The key '$(file_idx)' has the value '$(file[$(file_idx)])'";
    "file: '$(files)'";
}
```

```
R: The key 'motd' has the value '/etc/motd'  
R: The key 'fstab' has the value '/etc/fstab'  
R: file: '/etc/motd'  
R: file: '/etc/fstab'
```

EXAMPLE - DATA CONTAINERS

examples/00-06-data_containers.cf

```
bundle agent main
{
  vars:
    "server" string => "mirror.int.cfengine.com";
    "repos"
      data => parsejson('{
        "rhel6_updates": {
          "id": { "value": "RHEL6_UPDATES" },
          "name": { "value": "RHEL 6.x Updates" },
          "baseurl": { "value": "https://$(server)/RHEL6/updates" }
        }
      }');

    "idx" slist => getindices( repos );

  reports:
    "URL = '$(repos[$(idx)][baseurl][value])'";
}
```

```
R: URL = 'https://mirror.int.cfengine.com/RHEL6/updates'
```

DIFFERENCES BETWEEN "CLASSIC ARRAYS" AND "DATA CONTAINERS"

examples/00-04-classicarray-vs-datacontainer.cf

```
bundle agent main
{
  vars:
    "ClassicArray[key]" string => "value";
    "ClassicArray[deep]" slist => { "list" };
    "DataContainer"
      data => '{ "key": "value", "deep": [ "list" ] }';

  reports:
    "ClassicArray:$with"
      with => string_mustache( "{{%-top-}}", ClassicArray );
    "DataContainer:$with"
      with => string_mustache( "{{%-top-}}", DataContainer );
}
```

```
R: ClassicArray:{  
  "deep": [  
    "list"  
,  
  "key": "value"  
}  
R: DataContainer:{  
  "deep": [  
    "list"  
,  
  "key": "value"  
}
```

POP QUIZ

POP QUIZ

- Which component makes changes to your system?

POP QUIZ

- Which component makes changes to your system?
 - Which component schedules agent runs?

POP QUIZ

- Which component makes changes to your system?
 - Which component schedules agent runs?
 - What symbol terminates a promise?

POP QUIZ

- Which component makes changes to your system?
 - Which component schedules agent runs?
 - What symbol terminates a promise?
 - What is your quest?

POP QUIZ

- Which component makes changes to your system?
 - Which component schedules agent runs?
 - What symbol terminates a promise?
 - What is your quest?
 - What are promise comments used for?

POP QUIZ

- Which component makes changes to your system?
 - Which component schedules agent runs?
 - What symbol terminates a promise?
 - What is your quest?
 - What are promise comments used for?
 - What types of variables are available?

POP QUIZ

- Which component makes changes to your system?
 - Which component schedules agent runs?
 - What symbol terminates a promise?
 - What is your quest?
 - What are promise comments used for?
 - What types of variables are available?
 - How are decisions made?

POLICY EXAMPLES

ENABLE SERVICES_AUTORUN

```
[root@hub masterfiles]# cat > def.json <<EOF
{
    "vars": {
        "mpf_access_rules_collect_calls_admit_ips": [ "0.0.0.0/0" ],
        "control_server_call_collect_interval": "1",
        "control_hub_exclude_hosts": [ "0.0.0.0/0" ]
    },
    "classes": {
        "mpf_augments_control_enabled": [ "any::" ],
        "client_initiated_reporting_enabled": [ "any::" ],
        "cfengine_internal_purge_policies": [ "any::" ],
        "services_autorun": [ "any::" ]
    }
}
EOF
```

CREATE A FILE

examples/00-20-example-create_file.cf

```
bundle agent nologin
{
    meta:
        "tags" slist => { "autorun" };
    files:
        "/tmp/nologin"
            create => "true",
            classes => results("bundle", "my_file");
    reports:
        my_file_repaired::
            "File repaired";
    any::
        "File Exists"
            if => fileexists("/tmp/nologin");
}
bundle agent __main__{methods:"nologin";}
```

R: File repaired

R: File Exists

UPDATE FILE

examples/00-20-example-update_file.cf

```
bundle agent heartbeat
{
  files:
    "$(sys.statedir)/$(this.bundle)" -> { "Monitoring" }
      create => "true",
      touch  => "true",
      classes => results("bundle", "heartbeat"),
      handle  => "cf_agent_heartbeat_thump",
      comment => "This policy simply updates the timestamp
                  of the file so an external monitoring
                  system can validate the system is working.";

  reports:
    DEBUG|DEBUG_cf_agent_heartbeat::

      "DEBUG $(this.bundle): Heartbeat"
        if => "heartbeat_repaired";

      "DEBUG $(this.bundle): Flatline"
        unless => "heartbeat_repaired";
}
bundle agent __main__{methods:"heartbeat";}
```

R: DEBUG main: Heartbeat

MAKE SURE A PACKAGE IS INSTALLED AND SERVICE RUNNING

examples/00-20-example-package_and_service.cf

```
bundle agent example_package_and_service
{
  meta:
    !policy_server::
      "tags" slist => { "autorun" };

  vars:
    centos|redhat::
      "_package" string => "httpd";
      "_service" string => "httpd";

    ubuntu|debian::
      "_package" string => "apache2";
      "_service" string => "apache2";
# ...
```

```

any::
  "_default_page"
    string => ifelse( "debian|ubuntu", "/var/www/html/index.html",
                      "centos|redhat", "/var/www/error/noindex.html",
                      "UNKNOWN" ),
    meta => { "inventory", "attribute_name=Apache Default Page" };

packages:
  "$(_package)"
    policy => "present";

services:
  "$(_service)"
    service_policy => "start";

reports:
  inform_mode|verbose_mode:
    "My default page is from $_default_page";
}

bundle agent __main__{methods:"example_package_and_service";}

```

COMPETING IMPLEMENTATIONS OF PACKAGES PROMISES

- *methods* (legacy) vs *modules* (modern)

```
packages:  
  "apache2"  
    package_policy => "add",  
    comment => "I use the method based implementation";  
  
  "apache2"  
    policy => "present",  
    comment => "I use the module based implementation";
```

CLASSIFY ROLE BASED ON HOSTNAME

examples/00-20-example-classes-role_by_hostname.cf

```
bundle common classes_role_by_hostname
{
  classes:
    "env_prod"
      meta => { "inventory", "attribute_name=Role Classes" },
      or => {
        regcmp( "hub", $(sys.uqhost) ),
        regcmp( "^prd.*", $(sys.uqhost) ),
      };

    "webserver"
      expression => "host001",
      meta => { "inventory", "attribute_name=Role Classes" };

    "webserver"
      expression => regcmp( "^www.*", $(sys.fqhost) ),
      meta => { "inventory", "attribute_name=Role Classes" };
}
bundle agent __main__{methods:"classes_role_by_hostname";}
```

CLASSIFY GEOGRAPHIC LOCATION BY NETWORK

examples/00-20-example-classes-geographic_location_by_network

```
bundle common classify_geo_location_by_network
{
  meta:
    "tags" slist => { "autorun" };

  vars:
    "nadc01_subnets"
      slist => { "172.16.25.0/25", "172.17.0.0/16",
                  "192.168.33.2/32",
                  };

    "nadc02_subnets"
      slist => { "172.17.5.0/25", "172.42.0.0/16",
                  "192.168.33.3/32",
                  };

    "sadc01_subnets"
      slist => { "172.19.4.0/23", "192.168.33.4-5" };

    "continent"
      string => ifelse("north_america", "North America",
                        "south_america", "South America",
                        "Unknown"),
  meta => { "inventory", "attribute_name=Continent" };
}
```

Continued examples/00-20-example-classes-geographic_location_by_network.cf

```
classes:  
  "north_america"  
    or => { "nadc01", "nadc02" };  
  
  "south_america"  
    expression => classmatch("^sadc\d+");  
  
  "nadc01"  
    expression => iprange( $(nadc01_subnets) );  
  
  "nadc02"  
    expression => iprange( $(nadc02_subnets) );  
  
  "sadc01"  
    expression => iprange( $(sadc01_subnets) );  
  
reports:  
  "DEBUG|DEBUG_${this.bundle}":  
    "DEBUG ${this.bundle}: Continent = '$(continent)'";  
}  
bundle agent __main__{methods:"classify_geo_location_by_network";}
```

MANAGE KEY VALUE ENTRIES IN A CONFIG FILE

[examples/00-20-example-key_value_config.cf](#)

```
bundle agent manage_ssh
{
  meta:
    "tags" slist => { "autorun" };

  methods:
    "SSH Config Data"
      usebundle => ssh_config;

    "Manage SSH Config"
      usebundle => ssh_config_manage_kv("ssh_config.data");
}
```

```
bundle agent ssh_config
{
  vars:
    "data[PermitRootLogin]" string => "no";
    "data[Protocol]" string => "2";
    "data[Port]" string => "22";

  DEBUG|DEBUG_ssh_config::
    "keys" slist => getindices(data);

  reports:
    DEBUG|DEBUG_ssh_config::
      "DEBUG $(this.bundle): $(keys) = '$(data[$(keys)])'";
}
```

```
bundle agent ssh_config_manage_kv(data)
{
  vars:
    "config" string => "/etc/ssh/sshd_config";

  files:
    "$(config)"
      handle => "ssh_config_manage_kv_entries",
      edit_line => set_line_based("${data}", " ", "\s+", ".*", "\s*#\s*"),
      classes => scoped_classes_generic("bundle", "sshd_config");

  classes:
    sshd_config_repaired::
      "config_valid"
        expression => returnszero("/usr/sbin/sshd -t -f $(config)", noshell),
        comment => "It's important that we don't restart the service with a
                    broken config, or the service will be down.';

  commands:
    sshd_config_repaired.config_valid::
      "$(paths.service)"
        handle => "ssh_config_manage_kv_restart_after_config_change",
        args => "sshd restart",
        comment => "The service must be restarted in order to pick up new
                    configuration settings.';

  reports:
    "DEBUG ${this.bundle}: Repaired configuration"
      if => "sshd_config_repaired";
```

```
"DEBUG $(this.bundle): Configuration Valid"
    if => "config_valid";

"DEBUG $(this.bundle): Restarted sshd after config change"
    depends_on => { "ssh_config_manage_kv_restart_after_config_change" };
}

bundle agent __main__{methods:"manage_ssh";}
```

```
[root@hub masterfiles]# cf-agent -KID DEBUG_ssh_config,DEBUG_ssh_config_manage_
    info: Installing cfe_internal_non_existing_package...
R: DEBUG ssh_config: PermitRootLogin = 'no'
R: DEBUG ssh_config: Protocol = '2'
R: DEBUG ssh_config: Port = '22'
    info: Edit file '/etc/ssh/sshd_config'
R: DEBUG ssh_config_manage_kv: Reparied configuration
    info: Executing 'no timeout' .... '/sbin/service sshd restart'
    notice: Q: "...in/service sshd": Stopping sshd: [ OK ]
Q: "...in/service sshd": Starting sshd: [ OK ]
    info: Last 2 quoted lines were generated by promiser '/sbin/service sshd re
    info: Completed execution of '/sbin/service sshd restart'
R: DEBUG ssh_config_manage_kv: Configuration Valid
R: DEBUG ssh_config_manage_kv: Restarted sshd after config change
```

TEMPLATING A FILE WITH MUSTACHE

examples/00-20-example-mustache_template_inline_using_datastate.cf

```
bundle agent motd
{
  meta:
    "tags" slist => { "autorun" };

  vars:
    "owner" string => "Bruce Wayne";

  files:
    "/etc/motd"
      template_method => "inline_mustache",
      edit_template_string => 'Welcome to {{{vars.sys fqhost}}}!

For support issues please contact {{{vars.motd.owner}}}.';
}
bundle agent __main__{methods:"motd";}
```

MUSTACHE EXTENSIONS

- -top- data handed to the templating engine
- @ Currently iterated key
- % Multi-line JSON representation of data
- \$ Serialized JSON representation of data

examples/02-01-mustache-extensions.cf

```
bundle agent example_mustache_extensions
{
  vars: "d" data => '{ "key": "value", "list": ["one", "two"]}';
  reports:
    "Multiline: $(with)" with => string_mustache( "{{%-top-}}", d);
    "Serial: $(with)" with => string_mustache( "{{$-top-}}", d);
    "Keys: $(with)" with => string_mustache( "{{#-top-}}{{{@}}}, {{/top}}", d);
}
bundle agent __main__{methods:"example_mustache_extensions";}
```

```
R: Multiline: {  
  "key": "value",  
  "list": [  
    "one",  
    "two"  
  ]  
}  
R: Serial: {"key":"value","list":["one","two"]}  
R: Keys: key, list,
```

examples/02-01-mustache-extensions-yaml.cf

```
bundle agent example_mustache_extensions_yaml
{
  vars: "d" data => '---'
key: value
list:
- one
- two';
reports:
  "Multiline: $(with)" with => string.mustache( "{{%-top-}}", d);
  "Serial: $(with)" with => string.mustache( "{{$-top-}}", d);
  "Keys: $(with)" with => string.mustache( "{{#-top-}}{{{@}}}, {{/top}}", d);
}
bundle agent __main__{methods:"example_mustache_extensions_yaml";}
```

```
R: Multiline: {  
  "key": "value",  
  "list": [  
    "one",  
    "two"  
  ]  
}  
R: Serial: {"key":"value","list":["one","two"]}  
R: Keys: key, list,
```

INVENTORY SSH HOST KEYS

examples/inventory-ssh-host-keys.cf

```
bundle agent example_inventory_ssh_host_keys
{
  vars:
    "keys" slist => lsdir("/etc/ssh", "ssh_host_\w+_key", "false");
    "$(keys)"
      data => data_regeextract("ssh_host_(?<type>\w+)\_key", $(keys) );

    "type[$(keys)]"
      string => "$(keys)[type]",
      meta => { "inventory", "attribute_name=SSH HostKey Type" };

    # Warning ssh-keygen output may vary across versions
    "fingerprint[$(keys)]"
      string => nth(
        string_split(
          execresult("/usr/bin/ssh-keygen -l -f /etc/ssh/" + key,
                    noshell),
          "\s+", 5), 1),
      meta => { "inventory", "attribute_name=SSH HostKey Fingerprint" };

  reports:
    "/etc/ssh/$(keys).pub
     type: $($keys)[type]
     fingerprint: $(fingerprint[$(keys)])";
```

```
}
```

```
bundle agent __main__{methods:"example_inventory_ssh_host_keys";}
```

```
R: /etc/ssh/ssh_host_ed25519_key.pub
    type: ed25519
    fingerprint: SHA256:NA04HcvSPZ/wAp/vJUIc0V799ImTwnbFEX0R9R2SXUI
R: /etc/ssh/ssh_host_ecdsa_key.pub
    type: ecdsa
    fingerprint: SHA256:gN37F6qt7vkYvVzXg0ii5hNzu7EPJw/yTvEnRtr+rLk
R: /etc/ssh/ssh_host_dsa_key.pub
    type: dsa
    fingerprint: SHA256:/5b5NncWQL43gi9AQarZvVoQW5M+LJxk8KqFYGvZpqI
R: /etc/ssh/ssh_host_rsa_key.pub
    type: rsa
    fingerprint: SHA256:tSRcjuKPF6w/jcyhqYG7tH1VkcruZGh0RmwFEEpMPzc
```

INTERACTING WITH APIs FROM WITHIN CFENGINE POLICY

examples/example-url_get-wtfismyip-v0.cf

```
bundle agent example_url_get_wtfismyip_v0
{
  vars:
    # This is the URL that we will query.
    "url" string => "https://wtfismyip.com/json";

    # We don't need to supply any specific options in this case.
    # url.max_content is a typical setting to change. 4K isn't enough for
    # some, (many?) API responses.
    "options" data => '{}';

    # Here we make our http(s) call, storing the response in `d`
    "d" data => url_get( $(url), @(options));

    # The response content is returned as a *string* inside the `content`. In
    # order to work with it, we need to pull it into a proper data container.
    "content" data => "$(d[content])";

  reports:

    # Let's view the multi-line JSON representation of the `url_get()`` response
    "$(with)" with => string_mustache( "{{%-top-}}", d);

    # Let's view the multi-line JSON representation of our extracted `content` datacontainer.
```

```
    "$(with)" with => string_mustache( "{{%-top-}}", content);  
}  
bundle agent __main__{methods:"example_url_get_wtfismyip_v0";}
```

```
# cf-agent --no-lock --log-level info --file examples/example-url_get-wtfismyip
R: {
    "content": "{\n      \"Your Fucking IPAddress\": \"24.143.34.87\", \n      \"Your Fucking Country Code\": \"US\", \n      \"Your Fucking Hostname\": \"24-143-34-87-dynamic.midco.net\", \n      \"Your Fucking IP Address\": \"24.143.34.87\", \n      \"Your Fucking ISP\": \"Midco\", \n      \"Your Fucking Location\": \"Tonganoxie, KS, United States\", \n      \"Your Fucking Tor Exit\": false\n    }\n  }\n}\n
```

POLICY EXERCISES

EDIT A FILE

Write a policy that populates /etc/issue with legaleze.

CREATE LOCAL USERS

Write a policy that creates at least 2 users.

INVENTORY THE LOCAL USERS

Tag the variable(s) that contain the usernames you promised for *inventory*.

```
meta => { "inventory", "attribute_name=My users" }
```

CREATE A FILE

Write a policy that ensures /etc/cron.allow is populated with one of the previously created users allowed to have cron jobs.

Switch to a user and try to crontab -e.

INVENTORY USERS IN /ETC/CRON.ALLOW

Inventory the users listed in /etc/cron.allow

ENABLE SSHD BANNER

Write a policy that enables the ssh banner and directs it to /etc/issue. sshd should be restarted after changing its configuration.

MULTIPLE OUTCOMES

Create immutable file

```
touch /tmp/immutable  
sudo chattr +i /tmp/immutable
```

examples/00-20-example-multiple_outcomes.cf

```
bundle agent example_multiple_outcomes
{
  files:
    "/tmp/immutable"
      create => "true",
      edit_line => example_edit_line,
      classes => results("bundle", "my_id");

  vars:
    "classes" slist => classesmatching(".*my_id.*");

  reports:
    "Found Class = '$(classes)'";
}

bundle edit_line example_edit_line
{
  insert_lines:
    "I want to edit an immutable file";
}
bundle agent __main__{methods:"example_multiple_outcomes";}
```

```
info: Inserted the promised line 'I want to edit an immutable file' into '/tmp/immutable.cf'
info: insert_lines promise 'I want to edit an immutable file' repaired
error: Can't rename '/tmp/immutable.cf-after-edit' to '/tmp/immutable' - so
error: Unable to save file '/tmp/immutable' after editing
error: Errors encountered when actuating files promise '/tmp/immutable'
R: Found Class = 'my_id_failed'
R: Found Class = 'my_id_not_kept'
R: Found Class = 'my_id_error'
R: Found Class = 'my_id_kept'
R: Found Class = 'my_id_reached'
    error: Method 'example_multiple_outcomes' failed in some repairs
```

Refer to **implementation of the results classes body in the stdlib.**

Cleanup immutable file

```
sudo chattr -i /tmp/immutable
sudo rm /tmp/immutable
```

REPORT

Write a policy that defines a name in separate parts (at least 3). Then have CFEngine report the name in a random order.

EXAMPLE SOLUTION

examples/example-report-randomized-strings-v0.cf

```
bundle agent example_report_randomized_strings_v0
{
  vars:
    "name_parts" slist => { "Ronald", "Mck", "Donald" };
    "shuffled" slist => shuffle( name_parts, randomint(0, inf) );
    "name" string => join(" ", shuffled);

  reports:
    "$(name)";
}
bundle agent __main__{methods:"example_report_randomized_strings_v0";}
```

```
R: Ronald Donald Mck
R: Mck Ronald Donald
R: Donald Ronald Mck
```

TRIGGER AN ACTION WHEN A FILE CHANGES

Write policy to monitor a file for change. When a change is seen report Winner Winner Chicken Dinner. Manually edit the file, show how cfengine detects and reports on the change.

AUTOMATICALLY ABORT BASED ON FILE PRESENCE

Write a policy that will abort cfengine execution if the file
\$(sys.statedir)/abort_agent_execution exists.

- See [abortclasses](#) in the cfengine documentation

DELETE FILE BASED ON AGE

Write a policy that will delete
\$(sys.statedir)/abort_agent_execution if it is
older than 1 hour.

KILL A PROCESS

Write a policy to kill irssi running on web servers. No need for our web servers to be connected to IRC.

```
cp /bin/sleep /tmp/irssi  
/tmp/irssi 5000
```

BUILDING ON EXAMPLE-URL_GET-WTFISMYIP-V0.CF

- Let's use the response *content* from the previous example in a template to manage a file.

[examples/example-url_get-wtfismyip-v1.cf](#)

- Now, let's extend it further.
- After updating the file, let's do something, like run a command or restart a service.
- **hint**, define a class as the result of the promise

[examples/example-url_get-wtfismyip-v2.cf](#)

- Was your subsequent promise actuated?

- Find the classes that *were* defined

Modify the promised file so that we have something to repair

```
echo HELLO WORLD > /tmp/file.txt  
cat /tmp/file.txt
```

- File updated?
- Classes expected defined?

- Separate the files promise into discrete parts
- Again, mess with the file so that it will be repaired

- Adjust `url.max_content_size` in options for `url_get()`

INVENTORY BATTERIES

- `/sys/class/power_supply/BAT*/capacity`
 - What batteries are present
 - What are their capacities
 - More than 1? Aggregate capacity
 - Broken batteries?

ENTERPRISE REPORTING

APIS

- Host
- Inventory
- File Changes
- Health
- Query
- Settings
 - Federated Reporting
 - Import & Export
 - LDAP
 - Users
 - Version Control
 - RBAC

HOST API

```
curl -s -k --user $AUTHUSER:$PASSWORD \
https://$HUB/api/host?count\=2\&context-include\=cfengine_3_15_0
```

```
{  
  "data": [  
    {  
      "firstseen": "1578745699",  
      "hostname": "host001.example.com",  
      "id": "SHA=e01f65d069b9035c280ea0bdba6cf6e47863ac074a170addbad26e98cc8992",  
      "ip": "192.0.2.1",  
      "lastreport": "1582643957"  
    },  
    {  
      "firstseen": "1578745692",  
      "hostname": "hub.example.com",  
      "id": "SHA=70138d580b9fd292ff856746df2fe7f9ded29db9ffca0c4d83acb97cde4d",  
      "ip": "104.236.18.209",  
      "lastreport": "1582643974"  
    }  
  ],  
  "meta": {  
    "count": 2,  
    "page": 1,  
    "timestamp": 1582644064,  
    "total": 7  
  }  
}
```

INVENTORY API

INVENTORY API ATTRIBUTES

```
curl -q -k --user $AUTHUSER:$PASSWORD \
-X GET \
https://$HUB/api/inventory/attributes-dictionary | \
jq 'map(.attribute_name)[]'
```

```
curl -q -k --user $AUTHUSER:$PASSWORD \
-X GET \
https://$HUB/api/inventory/attributes-dictionary | \
jq 'map(.attribute_name)[]'
```

#+REVEAL split

```
"Policy Release Id"
"EC2 Image ID"
"CPU sockets"
"Uptime minutes"
"System product name"
"System manufacturer"
"SSH Host Key /etc/ssh/ssh_host_rsa_key.pub SHA256 Fingerprint"
"CISOfy Lynis finding count"
"Number linux kernel modules loaded"
"CISOfy Lynis datetime scan completed"
"Unexpected Local Users"
"SSH Host Key /etc/ssh/ssh_host_ecdsa_key.pub SHA256 Fingerprint"
"Last logged in ubuntu"
"Windows roles"
"IPv4 addresses"
"SSH Host Key Type /etc/ssh/ssh_host_ecdsa_key.pub"
```

"CMDB Business Unit"
"DigitalOcean Droplet ID"
"SSH Host Key Type /etc/ssh/ssh_host_dsa_key.pub"
"BIOS version"
"Memory size (MB)"
"MAC addresses"
"Last logged in cfapache"
"CISOfy Lynis Suggestion SSH-7408 details"
"OS kernel"
"Last logged in root"
"NAT Public IPv4"
"EC2 Instance ID"
"CFEngine ID"
"CISOfy Lynis Version"
"CISOcy Lynis Remediations implicitly enabled"
"Volume / Percent Disk Used"
"SSH Host Key Type /etc/ssh/ssh_host_ed25519_key.pub"
"EventLog MaxSize"
"Architecture"
"OS"
"CISOfy Lynis Suggestions"
"Virtual host"
"SSH Host Key Types"
"SSH Host Keys"
"ARRAY CISOcy Lynis Remediations implicitly enabled"
"Number linux kernel moduels unused"
"SSH Host Key /etc/ssh/ssh_host_dsa_key.pub SHA256 Fingerprint"
"EventLog Retention"
"CFEngine roles"
"Local Users"
"CMDB Owner"
"CISOfy Lynis Control ID findings"
"SSH Host Key /etc/ssh/ssh_host_ed25519_key.pub SHA256 Fingerprint"

"legal notice caption"
"DigitalOcean Region"
"legal notice"
"Local User"
"Unused linux kernel modules"
"Data Container"
"Last logged in centos"
"CISOfy Lynis Hardening Index"
"CFEngine version"
"CISOfy Lynis Remediations explicitly disabled"
"Host name"
"SSH Host Key Fingerprint (ssh-keygen)"
"System UUID"
"System version"
"Registered Organization"
"BIOS vendor"
"OS type"
"Disk free (%)"
"CISOfy Lynis Suggestion KRLN-6000 details"
"Ports listening"
"Users who have logged in"
"Last logged in nickanderson"
"EC2 Region"
"Interfaces"
"CISOfy Lynis Warnings"
"EC2 Availability Zone"
"Physical memory (MB)"
"Last logged in cfpostgres"
"Show Last Logged in Username"
"CPU physical cores"
"Volume /tmp Percent Disk Used"
"CPU logical cores"
"Volume /var Percent Disk Used"

"System serial number"
"Systemd services running"
"EC2 Instance Type"
"TestArray"
"Unexpected local user count"
"Used linux kernel modules"
"Registered Owner"
"SSH Host Key Type /etc/ssh/ssh_host_rsa_key.pub"
"CPU model"
"Cloud Provider"

INVENTORY API QUERY

```
curl -q -k --user $AUTHUSER:$PASSWORD \
-X POST \
https://$HUB/api/inventory \
-H 'content-type: application/json' \
-d '{
    "sort":"Host name",
    "select":[
        "Host name",
        "OS",
        "Policy Release Id",
        "IPv4 addresses",
        "CFEngine version",
        "Ports listening"
    ],
    "hostContextInclude":[
        "cfengine"
    ],
    "hostContextExclude":[
        "coreos"
    ]
}'
```

HEALTH API

Get an overview of the health status

```
curl -s -k --user $AUTHUSER:$PASSWORD \
  https://$HUB/api/health-diagnostic/status/ | jq
```

```
{
  "hostsNeverCollected": 2,
  "notRecentlyCollected": 3,
  "hostsUsingSameIdentity": 0,
  "agentNotRunRecently": 0,
  "lastAgentRunUnsuccessful": 0,
  "totalFailed": 5,
  "total": "8"
}
```

```
curl -s -k --user $AUTHUSER:$PASSWORD \
  https://$HUB/api/health-diagnostic/report_ids | jq
```

Get an overview of the health status

```
curl -s -k --user $AUTHUSER:$PASSWORD \
  -X POST \
  https://$HUB/api/health-diagnostic/report/hostsNeverCollected \
  -H 'Content-Type: application/json' \
  -d '{"limit": 50}' | jq
```

QUERY API

```
curl -q -k --user $AUTHUSER:$PASSWORD \
-X POST \
https://$HUB/api/query \
-H 'content-type: application/json' \
-d '{
    "query": "select hostname, ipaddress from hosts",
    "limit": 2,
    "hostContextExclude": ["policy_server"]
}'
```

```
{  
  "data": [  
    {  
      "header": [  
        {  
          "columnName": "hostname",  
          "columnType": "STRING"  
        },  
        {  
          "columnName": "ipaddress",  
          "columnType": "STRING"  
        }  
      ],  
      "query": "select hostname, ipaddress from hosts",  
      "queryTimeMs": 21,  
      "rowCount": 6,  
      "rows": [  
        [  
          "lex-win7-to-10",  
          "84.212.143.13"  
        ],  
        [  
          "desktop-aj2m57e",  
          "24.143.37.227"  
        ]  
      ]  
    },  
    {"meta": {  
      "count": 1,  
      "index": 0  
    }}  
  ]  
}
```

```
"page": 1,  
"timestamp": 1597765127,  
"total": 1  
}  
}
```

Asynchronous query

```
curl -q -k --user $AUTHUSER:$PASSWORD \
-X POST \
https://$HUB/api/query/async \
-H 'content-type: application/json' \
-d '{
    "query": "select hostname, ipaddress from hosts",
    "outputType": "csv",
    "limit": 2,
    "hostContextExclude": ["policy_server"]
}'
```

```
{  
  "data": [  
    {  
      "id": "0eb39e8f20ed978a8f4b3167730b76fd",  
      "query": "select hostname, ipaddress from hosts"  
    }  
  ],  
  "meta": {  
    "count": 1,  
    "page": 1,  
    "timestamp": 1597765332,  
    "total": 1  
  }  
}
```

```
curl -q -k --user $AUTHUSER:$PASSWORD \
-X GET \
https://$HUB/api/query/async/0eb39e8f20ed978a8f4b3167730b76fd \
-H 'content-type: application/json'
```

```
{  
  "data": [  
    {  
      "href": "https://demohub.a10042.cfengine.com/tmp/0eb39e8f20ed978a8f4b3167730b76fd",  
      "id": "0eb39e8f20ed978a8f4b3167730b76fd",  
      "percentageComplete": 100  
    }  
  ],  
  "meta": {  
    "count": 1,  
    "page": 1,  
    "timestamp": 1597765595,  
    "total": 1  
  }  
}
```

BASE64 ENCODED QUERY LINKS

```
HUB_URL="https://hub"
API="/index.php/advancedreports/#/report/run?sql="
SQL_QUERY="SELECT Hosts.HostName AS 'Host Name' FROM Hosts"
REPORT_TITLE="Example Report"
LINK="${HUB_URL}${API}$(echo ${SQL_QUERY} | \
    base64)&title=$(/usr/bin/urlencode ${REPORT_TITLE})"
echo "${LINK}"
```

WHAT'S NEW

COMING UP IN 3.17

- `execresult()` can capture *stdout*, *stderr*, or *both*
- `execresult_as_data()`

IN 3.16

COMPONENTS

Usage: cf-secret COMMAND [OPTIONS] [FILE]

Commands:

- | | |
|---------------|---|
| encrypt | - Encrypt data for one or more hosts/keys.
Usage: cf-secret encrypt -k/-H KEY/HOST -o OUTPUT INPUT |
| decrypt | - Decrypt data.
Usage: cf-secret decrypt [-k/-H KEY/HOST] -o OUTPUT INPUT |
| print-headers | - Print headers from an encrypted file.
Usage: cf-secret print-headers ENCRYPTED_FILE |

Options:

- | | | |
|-------------|------------|--|
| --help | , -h | - Print the help message |
| --manpage | , -M | - Print the man page |
| --debug | , -d | - Enable debugging output |
| --verbose | , -v | - Enable verbose output |
| --log-level | , -g value | - Specify how detailed logs should be. Possible values: error, info, debug, trace. |
| --inform | , -I | - Enable basic information output |
| --key | , -k value | - Comma-separated list of key files to use (one of -k/-H required) |
| --host | , -H value | - Comma-separated list of hosts to encrypt/decrypt files for |
| --output | , -o value | - Output file (required) |

Website: <http://www.cfengine.com>

This software is Copyright (C) 2008, 2010-present Northern.tech AS.

Encrypt data with cf-secret from STDIN

```
cf-secret encrypt \
--key ~/.cfagent/ppkeys/localhost.pub \
--output /tmp/secrets.json.cfsecret \
<\(echo '{ \"username\": \"secret_user\", \"password\": \"secret_token\" }'\) \
cf-secret print-headers /tmp/secrets.json.cfsecret
```

Version: 1.0

Encrypted-for: SHA=43c979e264924d0b4a2d3b568d71ab8c768ef63487670f2c51cd85e8cec6

Using cf-secret binary from policy

```
bundle agent example_load_encrypted_data
{
  vars:
    "decrypt_cmd"
      string => concat( "$(sys.bindir)/cf-secret decrypt",
                           "--key $(sys.workdir)/ppkeys/localhost.priv",
                           "--output -",
                           "/tmp/secrets.json.cfsecret" );

    "d" data => parsejson( execresult( $(decrypt_cmd), noshell) );

  reports:
    "username: $(d[username])";
    "password: $(d[password])";
}
bundle agent __main__
{
  methods:
    "example_load_encrypted_data";
}
```

```
R: username: secret_user
R: password: secret_token
```

PROMISE ATTRIBUTES

Example illustrating files content attribute

```
bundle agent example_file_content
# @brief Example showing files content
{
  files:
    "/tmp/hello_string"
      create => "true",
      content => "Hello from string!";

  reports:
    "/tmp/hello_string"
      printfile => cat( $(this.promiser) );
}

bundle agent __main__
{
  methods: "example_file_content";
}
```

```
info: Created file '/tmp/hello_string', mode 0600
info: Updated content of '/tmp/hello_string' with content 'Hello from string!'
info: files promise '/tmp/hello_string' repaired
R: /tmp/hello_string
R: Hello from string!
```

FUNCTIONS

Complementary to new macros:

- cf_version_after()
- cf_version_at()
- cf_version_before()
- cf_version_between()
- cf_version_maximum()
- cf_version_maximum()
- cf_version_minimum()

Example showing cf_after_version() function

```
bundle agent example_cf_after_version_function
{
  reports:
    "$(sys.cf_version) is newer than 3.7.0"
      if => cf_version_after("3.7.0");

    "$(sys.cf_version) is NOT newer than 3.7.0"
      unless => cf_version_after("3.7.0");
}
bundle agent __main__
{
  methods: "example_cf_after_version_function";
}
```

R: 3.17.0a.82c3b3656 is newer than 3.7.0

Manipulating strings:

- `string_trim()`

Example showing string_trim()

```
bundle agent example_string_trim
{
  vars:
    "my_string" string => " Trim me please ";
  reports:
    "my_string: '$(with)'"
      with => ${my_string};

    "my_string trimmed: '$(with)'"
      with => string_trim( ${my_string} );

}
bundle agent __main__
{
  methods: "example_string_trim";
}
```

```
R: my_string: ' Trim me please '
R: my_string trimmed: 'Trim me please'
```

Data validation:

- `validdata()`
- `validjson()`

Example showing string_trim()

```
bundle agent example_validjson
{
  vars:
    "valid_json" string => '{ "valid": "json" }';
    "invalid_json" string => '{ "invalid": "json" }';
  reports:
    "valid_json is valid json"
      if => validjson( $(valid_json) );
    "valid_json is NOT valid json"
      unless => validjson( $(invalid_json) );
}
bundle agent __main__
{
  methods: "example_validjson";
}
```

```
R: valid_json is valid json
R: valid_json is NOT valid json
```

MACROS

- maximum_version
- else
- at_version
- between_versions
- before_version
- after_version

Example showing after_version and else macros

```
bundle agent example_macros_new_in_cfengine_3_16
{
@if after_version(3.7.0)
  reports:
    "$(sys.cf_version) is newer than 3.7.0";
@else
    "$(sys.cf_version) is NOT newer than 3.7.0";
@endif
}
bundle agent __main__
{
  methods: "example_macros_new_in_cfengine_3_16";
}
```

```
R: 3.17.0a.82c3b3656 is newer than 3.7.0
```

ENTERPRISE EDITION

- Compliance Reports

IN 3.15

FUNCTIONS

- basename()
- read_module_protocol()

Example illustrating basename()

```
bundle agent example_basename
{
  vars:
    "basename" -> { "CFE-3196" }
      string => basename( $(this.promise_filename) );

    "basename_wo_extension" -> { "CFE-3196" }
      string => basename( $(this.promise_filename), ".cf" );
  reports:
    "basename = '$(basename)'";
    "basename without '.cf' extension = '$(basename_wo_extension)'";
}
```

```
# cf-agent --bundlesequence example_basename --no-lock --log-level info --file
      info: Using command line specified bundlesequence
R: basename = 'cfengine3-NiK6sU'
R: basename without '.cf' extension = 'cfengine3-NiK6sU'
```

examples/read_module_protocol.cf

```
bundle agent cache_maintenance
# Creates a module protocol cache, refreshes it if minute is 30-35
{
  vars:
    "file"
      string => "$(this.promise_dirname)/cached_module";

  classes:
    "cache_refresh"
      if => not(fileexists="$(file)");
    Min30_35::
      "cache_refresh";

  files:
    cache_refresh::
      "$(file)"
        create => "true",
        template_method => "inline_mustache",
        edit_template_string => "=my_variable=$(sys.date)";
}
```

```
bundle agent demo
# Demonstrates read_module_protocol function, prints a variable from it
{
  classes:
    "cache_was_read"
      if => read_module_protocol("${cache_maintenance.file}");

  reports:
    cache_was_read::
      "Module cache was read!";
      "cached_module.my_variable = ${cached_module.my_variable}";
}
bundle agent __main__
{
  methods:
    "cache_maintenance"
      handle => "cache_maintenance_done";
    "demo"
      depends_on => { "cache_maintenance_done" };
}
```

```
R: Module cache was read!
R: cached_module.my_variable = Mon Feb  3 05:32:05 2020
```

IN 3.14

FUNCTIONS

- `classfiltercsv()` (back-ported to 3.12.1)

examples/classfiltercsv.csv

```
ClassExpr,Sort,Token,Value
# This is a comment

any,A,net.ipv4.ip_forward,ANYVALUE
example_class1,z,net.ipv4.ip_forward,ANYVALUE
example_class2,a,net.ipv4.ip_forward,127.0.0.3
not_defined,Z,net.ipv4.ip_forward,NOT_DEFINED
example_class3.example_class2.example_class1,1,net.ipv4.ip_forward,127.0.0.4
also_undefined,0,net.ipv4.ip_forward,NOT_DEFINED
```

**NOTE: CRLF (Windows/DOS) line endings required per
RFC**

```
dos2unix ./examples/classfiltercsv.csv
```

examples/classfiltercsv.cf

```
bundle agent example_classfiltercsv
{
  classes:
    "example_class1";
    "example_class2";
    "example_class3";

  vars:
    "data_file"
      string => "$(this.promise dirname)/examples/classfiltercsv.csv";
    "d" data => classfiltercsv($(data_file), "true", 0, 1);

  reports:
    "Filtered data: $(with)" with => string_mustache("{{%-top-}}", d);
}
bundle agent __main__
{
  methods: "example_classfiltercsv";
}
```

```
R: Filtered data: [
  {
    "Sort": "1",
    "Token": "net.ipv4.ip_forward",
    "Value": "127.0.0.4"
  },
  {
    "Sort": "A",
    "Token": "net.ipv4.ip_forward",
    "Value": "ANYVALUE"
  },
  {
    "Sort": "a",
    "Token": "net.ipv4.ip_forward",
    "Value": "127.0.0.3"
  },
  {
    "Sort": "z",
    "Token": "net.ipv4.ip_forward",
    "Value": "ANYVALUE"
  }
]
```

IN 3.13

FUNCTIONS

- `string_replace()`

examples/string_replace.cf

```
bundle agent example_string_replace
{
  vars:
    "my_string"
      string => "Bash is the best config management tool";
  reports:
    "$(with)" with => string_replace( $(my_string),
                                         "Bash", "CFEngine" );
}
bundle agent __main__
{
  methods: "example_string_replace";
}
```

R: CFEngine is the best config management tool

IN 3.12

FUNCTIONS

- hash_to_int()

examples/hash_to_int.cf

```
bundle agent example_hash_to_int
{
  vars:
    "hello"  int => hash_to_int(0, 1000, "hello");
    "world"  int => hash_to_int(0, 1000, "world");

    # Hash can vary on hostkey or policy hub:
    "hour"   int => hash_to_int(0, 24,  "$(sys.key_digest)");
    "minute" int => hash_to_int(0, 60,  "$(sys.policy_hub)");

  reports:
    "'hello' hashed to: $(hello)";
    "'world' hashed to: $(world)";

}
bundle agent __main__{methods: "example_hash_to_int";}
```

```
R: 'hello' hashed to: 172
R: 'world' hashed to: 760
```

LIBRARY MAIN BUNDLES

- Default bundle per policy file
- Useful for testing

examples/library_main_/example_library_main

```
bundle agent example_library_main_1
{
  reports: "Hello from $(this.bundle)";
}
bundle agent __main__
{
  methods:
    "example_library_main_1";
}
```

What output do you get when you run the policy file ?

Executing

examples/library_main_/example_library_main_

```
cf-agent -KIf ./example_library_main_1.cf
```

```
R: Hello from example_library__main__1
```

examples/library_main_/example_library_main_

```
bundle agent example_library_main_2
{
  reports: "Hello from $(this.bundle)";
}
bundle agent __main__
{
  methods:
    "example_library_main_2";
}
```

Executing

examples/library_main_/example_library_main_

```
cf-agent -KIf ./example_library_main_2.cf
```

```
R: Hello from example_library_main_2
```

examples/library_main_/example_library_main

```
body file control
{
  inputs => {
    "example_library_main_1.cf",
    "example_library_main_2.cf",
  };
}
bundle agent example_library_main_
{
  reports: "Hello from $(this.bundle)";
}
bundle agent __main__
{
  vars: "b" slist => bundlesmatching( "example_*" );
  methods:
    "example_library_main_";
    "example_library_main_1";
    "example_library_main_2";
  reports: "$(b)";
}
```

What output do you get when you run the policy file ?

Executing

examples/library_main_/example_library_main_

```
cf-agent -KIf ./example_library_main_.cf
```

```
example_library_main_1.cf
example_library_main_2.cf
example_library_main_.cf
#!/var/cfengine/bin(cf-agent -f-
body file control
{
    inputs => { '$(sys.libdir)/stdlib.cf' };
}

bundle agent example_library_main_1
{
    reports: "Hello from $(this.bundle)";
}
bundle agent __main__
{
    methods:
        "example_library_main_1";
}
#!/var/cfengine/bin(cf-agent -f-
body file control
{
    inputs => { '$(sys.libdir)/stdlib.cf' };
}

bundle agent example_library_main_2
{
    reports: "Hello from $(this.bundle)";
}
bundle agent __main__
{
    methods:
```

```
"example_library_main_2";
}
#!/var/cfengine/bin(cf-agent -f-
body file control
{
    inputs => { '$(sys.libdir)/stdlib.cf' };
}

body file control
{
    inputs => {
        "example_library_main_1.cf",
        "example_library_main_2.cf",
    };
}
bundle agent example_library_main_
{
    reports: "Hello from $(this.bundle)";
}
bundle agent __main__
{
    vars: "b" slist => bundlesmatching( "example_.*" );
    methods:
        "example_library_main_";
        "example_library_main_1";
        "example_library_main_2";
    reports: "$(b)";
}
R: Hello from example_library_main_
    error: A method attempted to use a bundle 'example_library_main_1' that wa
    error: A method attempted to use a bundle 'example_library_main_2' that238wa
```

-LOG-LEVEL OPTION

examples/example_log_level_inform.cf

```
bundle agent main
{
  reports:
    inform_mode:: "Running with info level logging";
}
```

```
# cf-agent --no-lock --inform --file ./examples/example_log_level_inform.cf
R: Running with info level logging
```

```
# cf-agent --no-lock --log-level inform --file ./examples/example_log_level_inform.cf
R: Running with info level logging
```

PROMISE ATTRIBUTES

- copy_from body attribute missing_ok allows missing upstream files to be considered promise kept
- files promise template_method accepts *inline_mustache*
- files promise edit_template_string defines inline mustache

`./examples/whats_new_3_12_missing_ok.cf`

```
bundle agent example_missing_ok
{
  vars:
    copy_from_missing_ok_reached::
      "_c"
        string => string_mustache( "{{%-top-}}",
                                    sort( classesmatching( "copy_from_.*" ), lex
  files:
    "/tmp/copied_from_missing_ok"
      copy_from => missing_ok( "/var/cfengine/masterfiles/missing" ),
      classes => results("bundle", "copy_from_missing_ok");
  reports:
    "$(_c)" if => isvariable( _c );
}
body copy_from missing_ok( file_path )
{
  source => "$(file_path)";
  missing_ok => "true";
}
bundle agent __main__{methods:"example_missing_ok";}
```

```
R: [
  "copy_from_missing_ok_kept",
  "copy_from_missing_ok_reached"
]
```

examples/whats_new_3_12_inline_mustache.cf

```
bundle agent example_inline_mustache
{
  vars:
    "d" data => '{
      "Name": "Bruce Wayne",
      "Secret Identity": "Batman"
    }';

  files:
    "/tmp/${this.bundle}"
      create => "true",
      template_method => "inline_mustache",
      template_data => @(d),
      edit_template_string => 'Did you know that {{{Name}}}
... is really {{{Secret Identity}}}!?"';

  reports:
    "/tmp/${this.bundle}" printfile => cat( $(this.promiser) );
}
bundle agent __main__{methods:"example_inline_mustache";}
```

```
# cf-agent --no-lock --file examples/whats_new_3_12_inline_mustache.cf
R: /tmp/example_inline_mustache
R: Did you know that Bruce Wayne
R: ... is really Batman!?
```

SYS VARS

- *sys.policy_entry**
-

IN 3.11

PROMISE ATTRIBUTES

- with

FUNCTIONS

- `data_sysctlvalues()`
- `readenvfile()`
- `sysctlvalue()`

examples/data_sysctlvalues.cf

```
bundle agent example_data_sysctlvalues
{
  vars:
    "_d" data => data_sysctlvalues();
  reports:
    "$(with)"
      with => string_mustache( "{{%-top-}}", _d );
}
bundle agent __main__
{
  methods: "example_data_sysctlvalues";
}
```

```
R: {
  "abi.vsyscall32": "1",
  "debug.exception-trace": "1",
  "debug.kprobes-optimization": "1",
  "dev.cdrom.autoclose": "1",
  "dev.cdrom.autoeject": "0",
  "dev.cdrom.check_media": "0",
  "dev.cdrom.debug": "0",
  "dev.cdrom.info": "CD-ROM information, Id: cdrom.c 3.20 2003/12/17\n\ndrive n",
  "dev.cdrom.lock": "0",
  "dev.hpet.max-user-freq": "64",
  "dev.i915.oa_max_sample_rate": "100000",
  "dev.i915.perf_stream_paranoid": "1",
  "dev.mac_hid.mouse_button2_keycode": "97",
  "dev.mac_hid.mouse_button3_keycode": "100",
  "dev.mac_hid.mouse_button_emulation": "0",
```

"dev.parport.default.spintime": "500",
"dev.parport.default.timeslice": "200",
"dev.raid.speed_limit_max": "200000",
"dev.raid.speed_limit_min": "1000",
"dev.scsi.logging_level": "0",
"dev.tty.ldisc_autoload": "1",
"fs.aio-max-nr": "65536",
"fs.aio-nr": "3301",
"fs.binfmt_misc.cli": "enabled\ninterpreter /usr/lib/binfmt-support/run-detected",
"fs.binfmt_misc.jar": "enabled\ninterpreter /usr/bin/jexec\nflags: \noffset 0",
"fs.binfmt_misc.python2.7": "enabled\ninterpreter /usr/bin/python2.7\nflags:",
"fs.binfmt_misc.python3.8": "enabled\ninterpreter /usr/bin/python3.8\nflags:",
"fs.binfmt_misc.sbcl": "enabled\ninterpreter /usr/lib/sbcl/sbcl-run\nflags: \\",
"fs.binfmt_misc.status": "enabled",
"fs.dentry-state": "311030\t222679\t45\t0\t42660\t0",
"fs.dir-notify-enable": "1",
"fs.epoll.max_user_watches": "6698721",
"fs.file-max": "9223372036854775807",
"fs.file-nr": "46048\t0\t9223372036854775807",
"fs.inode-nr": "507770\t238746",
"fs.inode-state": "507770\t238746\t0\t0\t0\t0",
"fs.inotify.max_queued_events": "16384",
"fs.inotify.max_user_instances": "128",
"fs.inotify.max_user_watches": "98304",
"fs.lease-break-time": "45",
"fs.leases-enable": "1",
"fs.mount-max": "100000",
"fs.mqueue.msg_default": "10",
"fs.mqueue.msg_max": "10",
"fs.mqueue.msgsize_default": "8192",
"fs.mqueue.msgsize_max": "8192",
"fs.mqueue.queues_max": "256",
"fs.nfs.idmap_cache_timeout": "600",

"fs.nfs.nfs_callback_tcpport": "0",
"fs.nfs.nfs_congestion_kb": "183104",
"fs.nfs.nfs_mountpoint_timeout": "500",
"fs.nfs.nlm_grace_period": "0",
"fs.nfs.nlm_tcpport": "0",
"fs.nfs.nlm_timeout": "10",
"fs.nfs.nlm_udpport": "0",
"fs.nfs.nsm_local_state": "3",
"fs.nfs.nsm_use_hostnames": "0",
"fs.nr_open": "1048576",
"fs.overflowgid": "65534",
"fs.overflowuid": "65534",
"fs.pipe-max-size": "1048576",
"fs.pipe-user-pages-hard": "0",
"fs.pipe-user-pages-soft": "16384",
"fs.quota.allocated_dquots": "0",
"fs.quota.cache_hits": "0",
"fs.quota.drops": "0",
"fs.quota.free_dquots": "0",
"fs.quota.lookups": "0",
"fs.quota.reads": "0",
"fs.quota.syncs": "26",
"fs.quota.writes": "0",
"fs.suid_dumpable": "2",
"fs.verity.require_signatures": "0",
"fscache.object_max_active": "8",
"fscache.operation_max_active": "4",
"kernel.acct": "4\t2\t30",
"kernel.acpi_video_flags": "0",
"kernel.auto_msgmni": "0",
"kernel.bootloader_type": "6",
"kernel.bootloader_version": "38",
"kernel.bpf_stats_enabled": "0",

"kernel.cap_last_cap": "37",
"kernel.core_pattern": "|/usr/share/apport/apport %p %s %c %d %P %E",
"kernel.core_pipe_limit": "0",
"kernel.core_uses_pid": "0",
"kernel.ctrl-alt-del": "0",
"kernel.dmesg_restrict": "0",
"kernel.domainname": "(none)",
"kernel.firmware_config.force_sysfs_fallback": "0",
"kernel.firmware_config.ignore_sysfs_fallback": "0",
"kernel.ftrace_dump_on_oops": "0",
"kernel.ftrace_enabled": "1",
"kernel.hardlockup_all_cpu_backtrace": "0",
"kernel.hardlockup_panic": "0",
"kernel.hostname": "nickanderson-ThinkPad-W550s",
"kernel.hotplug": "",
"kernel.hung_task_check_count": "4194304",
"kernel.hung_task_check_interval_secs": "0",
"kernel.hung_task_panic": "0",
"kernel.hung_task_timeout_secs": "120",
"kernel.hung_task_warnings": "8",
"kernel.io_delay_type": "1",
"kernel.kexec_load_disabled": "0",
"kernel.keys.gc_delay": "300",
"kernel.keys.maxbytes": "20000",
"kernel.keys.maxkeys": "200",
"kernel.keys.persistent_keyring_expiry": "259200",
"kernel.keys.root_maxbytes": "25000000",
"kernel.keys.root_maxkeys": "1000000",
"kernel.kptr_restrict": "1",
"kernel.latencytop": "0",
"kernel.max_lock_depth": "1024",
"kernel.modprobe": "/sbin/modprobe",
"kernel.modules_disabled": "0",

"kernel.msg_next_id": "-1",
"kernel.msgmax": "8192",
"kernel.msgmnb": "16384",
"kernel.msgmni": "32000",
"kernel.ngroups_max": "65536",
"kernel.nmi_watchdog": "0",
"kernel.ns_last_pid": "1116084",
"kernel.numa_balancing": "0",
"kernel.numa_balancing_scan_delay_ms": "1000",
"kernel.numa_balancing_scan_period_max_ms": "60000",
"kernel.numa_balancing_scan_period_min_ms": "1000",
"kernel.numa_balancing_scan_size_mb": "256",
"kernel.osrelease": "5.4.0-42-lowlatency",
"kernel.ostype": "Linux",
"kernel.overflowgid": "65534",
"kernel.overflowuid": "65534",
"kernel.panic": "0",
"kernel.panic_on_io_nmi": "0",
"kernel.panic_on_oops": "0",
"kernel.panic_on_rcu_stall": "0",
"kernel.panic_on_unrecoverable_nmi": "0",
"kernel.panic_on_warn": "0",
"kernel.panic_print": "0",
"kernel.perf_cpu_time_max_percent": "25",
"kernel.perf_event_max_contexts_per_stack": "8",
"kernel.perf_event_max_sample_rate": "100000",
"kernel.perf_event_max_stack": "127",
"kernel.perf_event_mlock_kb": "516",
"kernel.perf_event_paranoid": "3",
"kernel.pid_max": "4194304",
"kernel.poweroff_cmd": "/sbin/poweroff",
"kernel.print-fatal-signals": "0",
"kernel.printk": "4\t4\t1\t7",

"kernel.printk_delay": "0",
"kernel.printk_devkmsg": "on",
"kernel.printk_ratelimit": "5",
"kernel.printk_ratelimit_burst": "10",
"kernel.pty.max": "4096",
"kernel.pty.nr": "8",
"kernel.pty.reserve": "1024",
"kernel.random.boot_id": "fdf58181-01bd-4d59-a45d-c56bca7ecef",
"kernel.random.entropy_avail": "3936",
"kernel.random.poolsiz": "4096",
"kernel.random.read_wakeup_threshold": "64",
"kernel.random.urandom_min_reseed_secs": "60",
"kernel.random.uuid": "81b27359-dcd8-4d6b-9173-1ae8b4d71a94",
"kernel.random.write_wakeup_threshold": "1024",
"kernel.randomize_va_space": "2",
"kernel.real-root-dev": "0",
"kernel.sched_autogroup_enabled": "1",
"kernel.sched_cfs_bandwidth_slice_us": "5000",
"kernel.sched_child_runs_first": "0",
"kernel.sched_domain.cpu0.domain0.busy_factor": "32",
"kernel.sched_domain.cpu0.domain0.cache_nice_tries": "0",
"kernel.sched_domain.cpu0.domain0.flags": "4783",
"kernel.sched_domain.cpu0.domain0.imbalance_pct": "110",
"kernel.sched_domain.cpu0.domain0.max_interval": "4",
"kernel.sched_domain.cpu0.domain0.max_newidle_lb_cost": "20996",
"kernel.sched_domain.cpu0.domain0.min_interval": "2",
"kernel.sched_domain.cpu0.domain0.name": "SMT",
"kernel.sched_domain.cpu0.domain1.busy_factor": "32",
"kernel.sched_domain.cpu0.domain1.cache_nice_tries": "1",
"kernel.sched_domain.cpu0.domain1.flags": "4655",
"kernel.sched_domain.cpu0.domain1.imbalance_pct": "117",
"kernel.sched_domain.cpu0.domain1.max_interval": "8",
"kernel.sched_domain.cpu0.domain1.max_newidle_lb_cost": "18377",

"kernel.sched_domain.cpu0.domain1.min_interval": "4",
"kernel.sched_domain.cpu0.domain1.name": "MC",
"kernel.sched_domain.cpu1.domain0.busy_factor": "32",
"kernel.sched_domain.cpu1.domain0.cache_nice_tries": "0",
"kernel.sched_domain.cpu1.domain0.flags": "4783",
"kernel.sched_domain.cpu1.domain0.imbalance_pct": "110",
"kernel.sched_domain.cpu1.domain0.max_interval": "4",
"kernel.sched_domain.cpu1.domain0.max_newidle_lb_cost": "28467",
"kernel.sched_domain.cpu1.domain0.min_interval": "2",
"kernel.sched_domain.cpu1.domain0.name": "SMT",
"kernel.sched_domain.cpu1.domain1.busy_factor": "32",
"kernel.sched_domain.cpu1.domain1.cache_nice_tries": "1",
"kernel.sched_domain.cpu1.domain1.flags": "4655",
"kernel.sched_domain.cpu1.domain1.imbalance_pct": "117",
"kernel.sched_domain.cpu1.domain1.max_interval": "8",
"kernel.sched_domain.cpu1.domain1.max_newidle_lb_cost": "24312",
"kernel.sched_domain.cpu1.domain1.min_interval": "4",
"kernel.sched_domain.cpu1.domain1.name": "MC",
"kernel.sched_domain.cpu2.domain0.busy_factor": "32",
"kernel.sched_domain.cpu2.domain0.cache_nice_tries": "0",
"kernel.sched_domain.cpu2.domain0.flags": "4783",
"kernel.sched_domain.cpu2.domain0.imbalance_pct": "110",
"kernel.sched_domain.cpu2.domain0.max_interval": "4",
"kernel.sched_domain.cpu2.domain0.max_newidle_lb_cost": "25634",
"kernel.sched_domain.cpu2.domain0.min_interval": "2",
"kernel.sched_domain.cpu2.domain0.name": "SMT",
"kernel.sched_domain.cpu2.domain1.busy_factor": "32",
"kernel.sched_domain.cpu2.domain1.cache_nice_tries": "1",
"kernel.sched_domain.cpu2.domain1.flags": "4655",
"kernel.sched_domain.cpu2.domain1.imbalance_pct": "117",
"kernel.sched_domain.cpu2.domain1.max_interval": "8",
"kernel.sched_domain.cpu2.domain1.max_newidle_lb_cost": "20399",
"kernel.sched_domain.cpu2.domain1.min_interval": "4",

"kernel.sched_domain.cpu2.domain1.name": "MC",
"kernel.sched_domain.cpu3.domain0.busy_factor": "32",
"kernel.sched_domain.cpu3.domain0.cache_nice_tries": "0",
"kernel.sched_domain.cpu3.domain0.flags": "4783",
"kernel.sched_domain.cpu3.domain0.imbalance_pct": "110",
"kernel.sched_domain.cpu3.domain0.max_interval": "4",
"kernel.sched_domain.cpu3.domain0.max_newidle_lb_cost": "20811",
"kernel.sched_domain.cpu3.domain0.min_interval": "2",
"kernel.sched_domain.cpu3.domain0.name": "SMT",
"kernel.sched_domain.cpu3.domain1.busy_factor": "32",
"kernel.sched_domain.cpu3.domain1.cache_nice_tries": "1",
"kernel.sched_domain.cpu3.domain1.flags": "4655",
"kernel.sched_domain.cpu3.domain1.imbalance_pct": "117",
"kernel.sched_domain.cpu3.domain1.max_interval": "8",
"kernel.sched_domain.cpu3.domain1.max_newidle_lb_cost": "21132",
"kernel.sched_domain.cpu3.domain1.min_interval": "4",
"kernel.sched_domain.cpu3.domain1.name": "MC",
"kernel.sched_latency_ns": "18000000",
"kernel.sched_migration_cost_ns": "500000",
"kernel.sched_min_granularity_ns": "2250000",
"kernel.sched_nr_migrate": "32",
"kernel.sched_rr_timeslice_ms": "100",
"kernel.sched_rt_period_us": "1000000",
"kernel.sched_rt_runtime_us": "950000",
"kernel.sched_schedstats": "0",
"kernel.sched_tunable_scaling": "1",
"kernel.sched_util_clamp_max": "1024",
"kernel.sched_util_clamp_min": "1024",
"kernel.sched_wakeup_granularity_ns": "3000000",
"kernel.seccomp.actions_avail": "kill_process kill_thread trap errno user_noto
"kernel.seccomp.actions_logged": "kill_process kill_thread trap errno user_no
"kernel.sem": "32000\t1024000000\t500\t32000",
"kernel.sem_next_id": "-1",

"kernel.sg-big-buff": "32768",
"kernel.shm_next_id": "-1",
"kernel.shm_rmid_forced": "0",
"kernel.shmall": "18446744073692774399",
"kernel.shmmax": "18446744073692774399",
"kernel.shmmni": "4096",
"kernel.soft_watchdog": "1",
"kernel.softlockup_all_cpu_backtrace": "0",
"kernel.softlockup_panic": "0",
"kernel.stack_tracer_enabled": "0",
"kernel.sysctl_writes_strict": "1",
"kernel.sysrq": "176",
"kernel.tainted": "5632",
"kernel.threads-max": "255535",
"kernel.timer_migration": "1",
"kernel.traceoff_on_warning": "0",
"kernel.tracepoint_printk": "0",
"kernel.unknown_nmi_panic": "0",
"kernel.unprivileged_bpf_disabled": "0",
"kernel.unprivileged_userns_clone": "1",
"kernel.version": "#46-Ubuntu SMP PREEMPT Fri Jul 10 01:43:58 UTC 2020",
"kernel.watchdog": "1",
"kernel.watchdog_cpumask": "0-7",
"kernel.watchdog_thresh": "10",
"kernel.yama.ptrace_scope": "1",
"net.bridge.bridge-nf-call-arptables": "1",
"net.bridge.bridge-nf-call-ip6tables": "1",
"net.bridge.bridge-nf-call-iptables": "1",
"net.bridge.bridge-nf-filter-pppoe-tagged": "0",
"net.bridge.bridge-nf-filter-vlan-tagged": "0",
"net.bridge.bridge-nf-pass-vlan-input-dev": "0",
"net.core.bpf_jit_enable": "1",
"net.core.busy_poll": "0",

"net.core.busy_read": "0",
"net.core.default_qdisc": "fq_codel",
"net.core.dev_weight": "64",
"net.core.dev_weight_rx_bias": "1",
"net.core.dev_weight_tx_bias": "1",
"net.core.devconf_inherit_init_net": "0",
"net.core.fb_tunnels_only_for_init_net": "0",
"net.core.flow_limit_cpu_bitmap": "00",
"net.core.flow_limit_table_len": "4096",
"net.core.gro_normal_batch": "8",
"net.core.high_order_alloc_disable": "0",
"net.core.max_skb_frags": "17",
"net.core.message_burst": "10",
"net.core.message_cost": "5",
"net.core.netdev_budget": "300",
"net.core.netdev_budget_usecs": "2000",
"net.core.netdev_max_backlog": "1000",
"net.core.netdev_rss_key": "de:cd:e7:76:dc:fb:d8:5b:ab:b6:d5:97:d1:14:ce:ac:1",
"net.core.netdev_tstamp_prequeue": "1",
"net.core.optmem_max": "20480",
"net.core.rmem_default": "212992",
"net.core.rmem_max": "212992",
"net.core.rps_sock_flow_entries": "0",
"net.core.somaxconn": "4096",
"net.core.tstamp_allow_data": "1",
"net.core.warnings": "0",
"net.core.wmem_default": "212992",
"net.core.wmem_max": "212992",
"net.core.xfrm_acq_expires": "30",
"net.core.xfrm_aevent_etime": "10",
"net.core.xfrm_aevent_rseqth": "2",
"net.core.xfrm_larval_drop": "1",
"net.ipv4.cipso_cache_bucket_size": "10",

"net.ipv4.cipso_cache_enable": "1",
"net.ipv4.cipso_rbm_optfmt": "0",
"net.ipv4.cipso_rbm_strictvalid": "1",
"net.ipv4.conf.all.accept_local": "0",
"net.ipv4.conf.all.accept_redirects": "0",
"net.ipv4.conf.all.accept_source_route": "0",
"net.ipv4.conf.all.arp_accept": "0",
"net.ipv4.conf.all.arp_announce": "0",
"net.ipv4.conf.all.arp_filter": "0",
"net.ipv4.conf.all.arp_ignore": "0",
"net.ipv4.conf.all.arp_notify": "0",
"net.ipv4.conf.all.bc_forwarding": "0",
"net.ipv4.conf.all.bootp_relay": "0",
"net.ipv4.conf.all.disable_policy": "0",
"net.ipv4.conf.all.disable_xfrm": "0",
"net.ipv4.conf.all.drop_gratuitous_arp": "0",
"net.ipv4.conf.all.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.all.force_igmp_version": "0",
"net.ipv4.conf.all.forwarding": "1",
"net.ipv4.conf.all.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.all.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.all.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.all.log_martians": "0",
"net.ipv4.conf.all.mc_forwarding": "0",
"net.ipv4.conf.all.medium_id": "0",
"net.ipv4.conf.all.promote_secondaries": "0",
"net.ipv4.conf.all.proxy_arp": "0",
"net.ipv4.conf.all.proxy_arp_pvlan": "0",
"net.ipv4.conf.all.route_localnet": "0",
"net.ipv4.conf.all.rp_filter": "2",
"net.ipv4.conf.all.secure_redirects": "1",
"net.ipv4.conf.all.send_redirects": "1",
"net.ipv4.conf.all.shared_media": "1",

```
"net.ipv4.conf.all.src_valid_mark": "0",
"net.ipv4.conf.all.tag": "0",
"net.ipv4.conf.default.accept_local": "0",
"net.ipv4.conf.default.accept_redirects": "1",
"net.ipv4.conf.default.accept_source_route": "1",
"net.ipv4.conf.default.arp_accept": "0",
"net.ipv4.conf.default.arp_announce": "0",
"net.ipv4.conf.default.arp_filter": "0",
"net.ipv4.conf.default.arp_ignore": "0",
"net.ipv4.conf.default.arp_notify": "0",
"net.ipv4.conf.default.bc_forwarding": "0",
"net.ipv4.conf.default.bootp_relay": "0",
"net.ipv4.conf.default.disable_policy": "0",
"net.ipv4.conf.default.disable_xfrm": "0",
"net.ipv4.conf.default.drop_gratuitous_arp": "0",
"net.ipv4.conf.default.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.default.force_igmp_version": "0",
"net.ipv4.conf.default.forwarding": "1",
"net.ipv4.conf.default.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.default.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.default.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.default.log_martians": "0",
"net.ipv4.conf.default.mc_forwarding": "0",
"net.ipv4.conf.default.medium_id": "0",
"net.ipv4.conf.default.promote_secondaries": "1",
"net.ipv4.conf.default.proxy_arp": "0",
"net.ipv4.conf.default.proxy_arp_pvlan": "0",
"net.ipv4.conf.default.route_localnet": "0",
"net.ipv4.conf.default.rp_filter": "2",
"net.ipv4.conf.default.secure_redirects": "1",
"net.ipv4.conf.default.send_redirects": "1",
"net.ipv4.conf.default.shared_media": "1",
"net.ipv4.conf.default.src_valid_mark": "0",
```

```
"net.ipv4.conf.default.tag": "0",
"net.ipv4.conf.docker0.accept_local": "0",
"net.ipv4.conf.docker0.accept_redirects": "1",
"net.ipv4.conf.docker0.accept_source_route": "1",
"net.ipv4.conf.docker0.arp_accept": "0",
"net.ipv4.conf.docker0.arp_announce": "0",
"net.ipv4.conf.docker0.arp_filter": "0",
"net.ipv4.conf.docker0.arp_ignore": "0",
"net.ipv4.conf.docker0.arp_notify": "0",
"net.ipv4.conf.docker0.bc_forwarding": "0",
"net.ipv4.conf.docker0.bootp_relay": "0",
"net.ipv4.conf.docker0.disable_policy": "0",
"net.ipv4.conf.docker0.disable_xfrm": "0",
"net.ipv4.conf.docker0.drop_gratuitous_arp": "0",
"net.ipv4.conf.docker0.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.docker0.force_igmp_version": "0",
"net.ipv4.conf.docker0.forwarding": "1",
"net.ipv4.conf.docker0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.docker0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.docker0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.docker0.log_martians": "0",
"net.ipv4.conf.docker0.mc_forwarding": "0",
"net.ipv4.conf.docker0.medium_id": "0",
"net.ipv4.conf.docker0.promote_secondaries": "1",
"net.ipv4.conf.docker0.proxy_arp": "0",
"net.ipv4.conf.docker0.proxy_arp_pvlan": "0",
"net.ipv4.conf.docker0.route_localnet": "0",
"net.ipv4.conf.docker0.rp_filter": "2",
"net.ipv4.conf.docker0.secure_redirects": "1",
"net.ipv4.conf.docker0.send_redirects": "1",
"net.ipv4.conf.docker0.shared_media": "1",
"net.ipv4.conf.docker0.src_valid_mark": "0",
"net.ipv4.conf.docker0.tag": "0",
```

```
"net.ipv4.conf.eth0.accept_local": "0",
"net.ipv4.conf.eth0.accept_redirects": "1",
"net.ipv4.conf.eth0.accept_source_route": "1",
"net.ipv4.conf.eth0.arp_accept": "0",
"net.ipv4.conf.eth0.arp_announce": "0",
"net.ipv4.conf.eth0.arp_filter": "0",
"net.ipv4.conf.eth0.arp_ignore": "0",
"net.ipv4.conf.eth0.arp_notify": "0",
"net.ipv4.conf.eth0.bc_forwarding": "0",
"net.ipv4.conf.eth0.bootp_relay": "0",
"net.ipv4.conf.eth0.disable_policy": "0",
"net.ipv4.conf.eth0.disable_xfrm": "0",
"net.ipv4.conf.eth0.drop_gratuitous_arp": "0",
"net.ipv4.conf.eth0.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.eth0.force_igmp_version": "0",
"net.ipv4.conf.eth0.forwarding": "1",
"net.ipv4.conf.eth0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.eth0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.eth0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.eth0.log_martians": "0",
"net.ipv4.conf.eth0.mc_forwarding": "0",
"net.ipv4.conf.eth0.medium_id": "0",
"net.ipv4.conf.eth0.promote_secondaries": "1",
"net.ipv4.conf.eth0.proxy_arp": "0",
"net.ipv4.conf.eth0.proxy_arp_pvlan": "0",
"net.ipv4.conf.eth0.route_localnet": "0",
"net.ipv4.conf.eth0.rp_filter": "2",
"net.ipv4.conf.eth0.secure_redirects": "1",
"net.ipv4.conf.eth0.send_redirects": "1",
"net.ipv4.conf.eth0.shared_media": "1",
"net.ipv4.conf.eth0.src_valid_mark": "0",
"net.ipv4.conf.eth0.tag": "0",
"net.ipv4.conf.lo.accept_local": "0",
```

```
"net.ipv4.conf.lo.accept_redirects": "1",
"net.ipv4.conf.lo.accept_source_route": "1",
"net.ipv4.conf.lo.arp_accept": "0",
"net.ipv4.conf.lo.arp_announce": "0",
"net.ipv4.conf.lo.arp_filter": "0",
"net.ipv4.conf.lo.arp_ignore": "0",
"net.ipv4.conf.lo.arp_notify": "0",
"net.ipv4.conf.lo.bc_forwarding": "0",
"net.ipv4.conf.lo.bootp_relay": "0",
"net.ipv4.conf.lo.disable_policy": "1",
"net.ipv4.conf.lo.disable_xfrm": "1",
"net.ipv4.conf.lo.drop_gratuitous_arp": "0",
"net.ipv4.conf.lo.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.lo.force_igmp_version": "0",
"net.ipv4.conf.lo.forwarding": "1",
"net.ipv4.conf.lo.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.lo.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.lo.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.lo.log_martians": "0",
"net.ipv4.conf.lo.mc_forwarding": "0",
"net.ipv4.conf.lo.medium_id": "0",
"net.ipv4.conf.lo.promote_secondaries": "1",
"net.ipv4.conf.lo.proxy_arp": "0",
"net.ipv4.conf.lo.proxy_arp_pvlan": "0",
"net.ipv4.conf.lo.route_localnet": "0",
"net.ipv4.conf.lo.rp_filter": "0",
"net.ipv4.conf.lo.secure_redirects": "1",
"net.ipv4.conf.lo.send_redirects": "1",
"net.ipv4.conf.lo.shared_media": "1",
"net.ipv4.conf.lo.src_valid_mark": "0",
"net.ipv4.conf.lo.tag": "0",
"net.ipv4.conf.tun0.accept_local": "0",
"net.ipv4.conf.tun0.accept_redirects": "1",
```

```
"net.ipv4.conf.tun0.accept_source_route": "1",
"net.ipv4.conf.tun0.arp_accept": "0",
"net.ipv4.conf.tun0.arp_announce": "0",
"net.ipv4.conf.tun0.arp_filter": "0",
"net.ipv4.conf.tun0.arp_ignore": "0",
"net.ipv4.conf.tun0.arp_notify": "0",
"net.ipv4.conf.tun0.bc_forwarding": "0",
"net.ipv4.conf.tun0.bootp_relay": "0",
"net.ipv4.conf.tun0.disable_policy": "0",
"net.ipv4.conf.tun0.disable_xfrm": "0",
"net.ipv4.conf.tun0.drop_gratuitous_arp": "0",
"net.ipv4.conf.tun0.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.tun0.force_igmp_version": "0",
"net.ipv4.conf.tun0.forwarding": "1",
"net.ipv4.conf.tun0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.tun0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.tun0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.tun0.log_martians": "0",
"net.ipv4.conf.tun0.mc_forwarding": "0",
"net.ipv4.conf.tun0.medium_id": "0",
"net.ipv4.conf.tun0.promote_secondaries": "1",
"net.ipv4.conf.tun0.proxy_arp": "0",
"net.ipv4.conf.tun0.proxy_arp_pvlan": "0",
"net.ipv4.conf.tun0.route_localnet": "0",
"net.ipv4.conf.tun0.rp_filter": "2",
"net.ipv4.conf.tun0.secure_redirects": "1",
"net.ipv4.conf.tun0.send_redirects": "1",
"net.ipv4.conf.tun0.shared_media": "1",
"net.ipv4.conf.tun0.src_valid_mark": "0",
"net.ipv4.conf.tun0.tag": "0",
"net.ipv4.conf.vboxnet0.accept_local": "0",
"net.ipv4.conf.vboxnet0.accept_redirects": "1",
"net.ipv4.conf.vboxnet0.accept_source_route": "1",
```

"net.ipv4.conf.vboxnet0.arp_accept": "0",
"net.ipv4.conf.vboxnet0.arp_announce": "0",
"net.ipv4.conf.vboxnet0.arp_filter": "0",
"net.ipv4.conf.vboxnet0.arp_ignore": "0",
"net.ipv4.conf.vboxnet0.arp_notify": "0",
"net.ipv4.conf.vboxnet0.bc_forwarding": "0",
"net.ipv4.conf.vboxnet0.bootp_relay": "0",
"net.ipv4.conf.vboxnet0.disable_policy": "0",
"net.ipv4.conf.vboxnet0.disable_xfrm": "0",
"net.ipv4.conf.vboxnet0.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet0.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.vboxnet0.force_igmp_version": "0",
"net.ipv4.conf.vboxnet0.forwarding": "1",
"net.ipv4.conf.vboxnet0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet0.log_martians": "0",
"net.ipv4.conf.vboxnet0.mc_forwarding": "0",
"net.ipv4.conf.vboxnet0.medium_id": "0",
"net.ipv4.conf.vboxnet0.promote_secondaries": "1",
"net.ipv4.conf.vboxnet0.proxy_arp": "0",
"net.ipv4.conf.vboxnet0.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet0.route_localnet": "0",
"net.ipv4.conf.vboxnet0.rp_filter": "2",
"net.ipv4.conf.vboxnet0.secure_redirects": "1",
"net.ipv4.conf.vboxnet0.send_redirects": "1",
"net.ipv4.conf.vboxnet0.shared_media": "1",
"net.ipv4.conf.vboxnet0.src_valid_mark": "0",
"net.ipv4.conf.vboxnet0.tag": "0",
"net.ipv4.conf.vboxnet1.accept_local": "0",
"net.ipv4.conf.vboxnet1.accept_redirects": "1",
"net.ipv4.conf.vboxnet1.accept_source_route": "1",
"net.ipv4.conf.vboxnet1.arp_accept": "0",

"net.ipv4.conf.vboxnet1.arp_announce": "0",
"net.ipv4.conf.vboxnet1.arp_filter": "0",
"net.ipv4.conf.vboxnet1.arp_ignore": "0",
"net.ipv4.conf.vboxnet1.arp_notify": "0",
"net.ipv4.conf.vboxnet1.bc_forwarding": "0",
"net.ipv4.conf.vboxnet1.bootp_relay": "0",
"net.ipv4.conf.vboxnet1.disable_policy": "0",
"net.ipv4.conf.vboxnet1.disable_xfrm": "0",
"net.ipv4.conf.vboxnet1.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet1.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.vboxnet1.force_igmp_version": "0",
"net.ipv4.conf.vboxnet1.forwarding": "1",
"net.ipv4.conf.vboxnet1.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet1.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet1.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet1.log_martians": "0",
"net.ipv4.conf.vboxnet1.mc_forwarding": "0",
"net.ipv4.conf.vboxnet1.medium_id": "0",
"net.ipv4.conf.vboxnet1.promote_secondaries": "1",
"net.ipv4.conf.vboxnet1.proxy_arp": "0",
"net.ipv4.conf.vboxnet1.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet1.route_localnet": "0",
"net.ipv4.conf.vboxnet1.rp_filter": "2",
"net.ipv4.conf.vboxnet1.secure_redirects": "1",
"net.ipv4.conf.vboxnet1.send_redirects": "1",
"net.ipv4.conf.vboxnet1.shared_media": "1",
"net.ipv4.conf.vboxnet1.src_valid_mark": "0",
"net.ipv4.conf.vboxnet1.tag": "0",
"net.ipv4.conf.vboxnet10.accept_local": "0",
"net.ipv4.conf.vboxnet10.accept_redirects": "1",
"net.ipv4.conf.vboxnet10.accept_source_route": "1",
"net.ipv4.conf.vboxnet10.arp_accept": "0",
"net.ipv4.conf.vboxnet10.arp_announce": "0",

"net.ipv4.conf.vboxnet10.arp_filter": "0",
"net.ipv4.conf.vboxnet10.arp_ignore": "0",
"net.ipv4.conf.vboxnet10.arp_notify": "0",
"net.ipv4.conf.vboxnet10.bc_forwarding": "0",
"net.ipv4.conf.vboxnet10.bootp_relay": "0",
"net.ipv4.conf.vboxnet10.disable_policy": "0",
"net.ipv4.conf.vboxnet10.disable_xfrm": "0",
"net.ipv4.conf.vboxnet10.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet10.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.vboxnet10.force_igmp_version": "0",
"net.ipv4.conf.vboxnet10.forwarding": "1",
"net.ipv4.conf.vboxnet10.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet10.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet10.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet10.log_martians": "0",
"net.ipv4.conf.vboxnet10.mc_forwarding": "0",
"net.ipv4.conf.vboxnet10.medium_id": "0",
"net.ipv4.conf.vboxnet10.promote_secondaries": "1",
"net.ipv4.conf.vboxnet10.proxy_arp": "0",
"net.ipv4.conf.vboxnet10.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet10.route_localnet": "0",
"net.ipv4.conf.vboxnet10.rp_filter": "2",
"net.ipv4.conf.vboxnet10.secure_redirects": "1",
"net.ipv4.conf.vboxnet10.send_redirects": "1",
"net.ipv4.conf.vboxnet10.shared_media": "1",
"net.ipv4.conf.vboxnet10.src_valid_mark": "0",
"net.ipv4.conf.vboxnet10.tag": "0",
"net.ipv4.conf.vboxnet11.accept_local": "0",
"net.ipv4.conf.vboxnet11.accept_redirects": "1",
"net.ipv4.conf.vboxnet11.accept_source_route": "1",
"net.ipv4.conf.vboxnet11.arp_accept": "0",
"net.ipv4.conf.vboxnet11.arp_announce": "0",
"net.ipv4.conf.vboxnet11.arp_filter": "0",

"net.ipv4.conf.vboxnet11.arp_ignore": "0",
"net.ipv4.conf.vboxnet11.arp_notify": "0",
"net.ipv4.conf.vboxnet11.bc_forwarding": "0",
"net.ipv4.conf.vboxnet11.bootp_relay": "0",
"net.ipv4.conf.vboxnet11.disable_policy": "0",
"net.ipv4.conf.vboxnet11.disable_xfrm": "0",
"net.ipv4.conf.vboxnet11.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet11.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet11.force_igmp_version": "0",
"net.ipv4.conf.vboxnet11.forwarding": "1",
"net.ipv4.conf.vboxnet11.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet11.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet11.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet11.log_martians": "0",
"net.ipv4.conf.vboxnet11.mc_forwarding": "0",
"net.ipv4.conf.vboxnet11.medium_id": "0",
"net.ipv4.conf.vboxnet11.promote_secondaries": "1",
"net.ipv4.conf.vboxnet11.proxy_arp": "0",
"net.ipv4.conf.vboxnet11.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet11.route_localnet": "0",
"net.ipv4.conf.vboxnet11.rp_filter": "2",
"net.ipv4.conf.vboxnet11.secure_redirects": "1",
"net.ipv4.conf.vboxnet11.send_redirects": "1",
"net.ipv4.conf.vboxnet11.shared_media": "1",
"net.ipv4.conf.vboxnet11.src_valid_mark": "0",
"net.ipv4.conf.vboxnet11.tag": "0",
"net.ipv4.conf.vboxnet12.accept_local": "0",
"net.ipv4.conf.vboxnet12.accept_redirects": "1",
"net.ipv4.conf.vboxnet12.accept_source_route": "1",
"net.ipv4.conf.vboxnet12.arp_accept": "0",
"net.ipv4.conf.vboxnet12.arp_announce": "0",
"net.ipv4.conf.vboxnet12.arp_filter": "0",
"net.ipv4.conf.vboxnet12.arp_ignore": "0",

```
"net.ipv4.conf.vboxnet12.arp_notify": "0",
"net.ipv4.conf.vboxnet12.bc_forwarding": "0",
"net.ipv4.conf.vboxnet12.bootp_relay": "0",
"net.ipv4.conf.vboxnet12.disable_policy": "0",
"net.ipv4.conf.vboxnet12.disable_xfrm": "0",
"net.ipv4.conf.vboxnet12.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet12.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet12.force_igmp_version": "0",
"net.ipv4.conf.vboxnet12.forwarding": "1",
"net.ipv4.conf.vboxnet12.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet12.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet12.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet12.log_martians": "0",
"net.ipv4.conf.vboxnet12.mc_forwarding": "0",
"net.ipv4.conf.vboxnet12.medium_id": "0",
"net.ipv4.conf.vboxnet12.promote_secondaries": "1",
"net.ipv4.conf.vboxnet12.proxy_arp": "0",
"net.ipv4.conf.vboxnet12.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet12.route_localnet": "0",
"net.ipv4.conf.vboxnet12.rp_filter": "2",
"net.ipv4.conf.vboxnet12.secure_redirects": "1",
"net.ipv4.conf.vboxnet12.send_redirects": "1",
"net.ipv4.conf.vboxnet12.shared_media": "1",
"net.ipv4.conf.vboxnet12.src_valid_mark": "0",
"net.ipv4.conf.vboxnet12.tag": "0",
"net.ipv4.conf.vboxnet13.accept_local": "0",
"net.ipv4.conf.vboxnet13.accept_redirects": "1",
"net.ipv4.conf.vboxnet13.accept_source_route": "1",
"net.ipv4.conf.vboxnet13.arp_accept": "0",
"net.ipv4.conf.vboxnet13.arp_announce": "0",
"net.ipv4.conf.vboxnet13.arp_filter": "0",
"net.ipv4.conf.vboxnet13.arp_ignore": "0",
"net.ipv4.conf.vboxnet13.arp_notify": "0",
```

```
"net.ipv4.conf.vboxnet13.bc_forwarding": "0",
"net.ipv4.conf.vboxnet13.bootp_relay": "0",
"net.ipv4.conf.vboxnet13.disable_policy": "0",
"net.ipv4.conf.vboxnet13.disable_xfrm": "0",
"net.ipv4.conf.vboxnet13.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet13.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet13.force_igmp_version": "0",
"net.ipv4.conf.vboxnet13.forwarding": "1",
"net.ipv4.conf.vboxnet13.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet13.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet13.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet13.log_martians": "0",
"net.ipv4.conf.vboxnet13.mc_forwarding": "0",
"net.ipv4.conf.vboxnet13.medium_id": "0",
"net.ipv4.conf.vboxnet13.promote_secondaries": "1",
"net.ipv4.conf.vboxnet13.proxy_arp": "0",
"net.ipv4.conf.vboxnet13.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet13.route_localnet": "0",
"net.ipv4.conf.vboxnet13.rp_filter": "2",
"net.ipv4.conf.vboxnet13.secure_redirects": "1",
"net.ipv4.conf.vboxnet13.send_redirects": "1",
"net.ipv4.conf.vboxnet13.shared_media": "1",
"net.ipv4.conf.vboxnet13.src_valid_mark": "0",
"net.ipv4.conf.vboxnet13.tag": "0",
"net.ipv4.conf.vboxnet2.accept_local": "0",
"net.ipv4.conf.vboxnet2.accept_redirects": "1",
"net.ipv4.conf.vboxnet2.accept_source_route": "1",
"net.ipv4.conf.vboxnet2.arp_accept": "0",
"net.ipv4.conf.vboxnet2.arp_announce": "0",
"net.ipv4.conf.vboxnet2.arp_filter": "0",
"net.ipv4.conf.vboxnet2.arp_ignore": "0",
"net.ipv4.conf.vboxnet2.arp_notify": "0",
"net.ipv4.conf.vboxnet2.bc_forwarding": "0",
```

"net.ipv4.conf.vboxnet2.bootp_relay": "0",
"net.ipv4.conf.vboxnet2.disable_policy": "0",
"net.ipv4.conf.vboxnet2.disable_xfrm": "0",
"net.ipv4.conf.vboxnet2.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet2.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet2.force_igmp_version": "0",
"net.ipv4.conf.vboxnet2.forwarding": "1",
"net.ipv4.conf.vboxnet2.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet2.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet2.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet2.log_martians": "0",
"net.ipv4.conf.vboxnet2.mc_forwarding": "0",
"net.ipv4.conf.vboxnet2.medium_id": "0",
"net.ipv4.conf.vboxnet2.promote_secondaries": "1",
"net.ipv4.conf.vboxnet2.proxy_arp": "0",
"net.ipv4.conf.vboxnet2.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet2.route_localnet": "0",
"net.ipv4.conf.vboxnet2.rp_filter": "2",
"net.ipv4.conf.vboxnet2.secure_redirects": "1",
"net.ipv4.conf.vboxnet2.send_redirects": "1",
"net.ipv4.conf.vboxnet2.shared_media": "1",
"net.ipv4.conf.vboxnet2.src_valid_mark": "0",
"net.ipv4.conf.vboxnet2.tag": "0",
"net.ipv4.conf.vboxnet3.accept_local": "0",
"net.ipv4.conf.vboxnet3.accept_redirects": "1",
"net.ipv4.conf.vboxnet3.accept_source_route": "1",
"net.ipv4.conf.vboxnet3.arp_accept": "0",
"net.ipv4.conf.vboxnet3.arp_announce": "0",
"net.ipv4.conf.vboxnet3.arp_filter": "0",
"net.ipv4.conf.vboxnet3.arp_ignore": "0",
"net.ipv4.conf.vboxnet3.arp_notify": "0",
"net.ipv4.conf.vboxnet3.bc_forwarding": "0",
"net.ipv4.conf.vboxnet3.bootp_relay": "0",

"net.ipv4.conf.vboxnet3.disable_policy": "0",
"net.ipv4.conf.vboxnet3.disable_xfrm": "0",
"net.ipv4.conf.vboxnet3.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet3.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet3.force_igmp_version": "0",
"net.ipv4.conf.vboxnet3.forwarding": "1",
"net.ipv4.conf.vboxnet3.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet3.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet3.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet3.log_martians": "0",
"net.ipv4.conf.vboxnet3.mc_forwarding": "0",
"net.ipv4.conf.vboxnet3.medium_id": "0",
"net.ipv4.conf.vboxnet3.promote_secondaries": "1",
"net.ipv4.conf.vboxnet3.proxy_arp": "0",
"net.ipv4.conf.vboxnet3.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet3.route_localnet": "0",
"net.ipv4.conf.vboxnet3.rp_filter": "2",
"net.ipv4.conf.vboxnet3.secure_redirects": "1",
"net.ipv4.conf.vboxnet3.send_redirects": "1",
"net.ipv4.conf.vboxnet3.shared_media": "1",
"net.ipv4.conf.vboxnet3.src_valid_mark": "0",
"net.ipv4.conf.vboxnet3.tag": "0",
"net.ipv4.conf.vboxnet4.accept_local": "0",
"net.ipv4.conf.vboxnet4.accept_redirects": "1",
"net.ipv4.conf.vboxnet4.accept_source_route": "1",
"net.ipv4.conf.vboxnet4.arp_accept": "0",
"net.ipv4.conf.vboxnet4.arp_announce": "0",
"net.ipv4.conf.vboxnet4.arp_filter": "0",
"net.ipv4.conf.vboxnet4.arp_ignore": "0",
"net.ipv4.conf.vboxnet4.arp_notify": "0",
"net.ipv4.conf.vboxnet4.bc_forwarding": "0",
"net.ipv4.conf.vboxnet4.bootp_relay": "0",
"net.ipv4.conf.vboxnet4.disable_policy": "0",

"net.ipv4.conf.vboxnet4.disable_xfrm": "0",
"net.ipv4.conf.vboxnet4.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet4.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet4.force_igmp_version": "0",
"net.ipv4.conf.vboxnet4.forwarding": "1",
"net.ipv4.conf.vboxnet4.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet4.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet4.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet4.log_martians": "0",
"net.ipv4.conf.vboxnet4.mc_forwarding": "0",
"net.ipv4.conf.vboxnet4.medium_id": "0",
"net.ipv4.conf.vboxnet4.promote_secondaries": "1",
"net.ipv4.conf.vboxnet4.proxy_arp": "0",
"net.ipv4.conf.vboxnet4.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet4.route_localnet": "0",
"net.ipv4.conf.vboxnet4.rp_filter": "2",
"net.ipv4.conf.vboxnet4.secure_redirects": "1",
"net.ipv4.conf.vboxnet4.send_redirects": "1",
"net.ipv4.conf.vboxnet4.shared_media": "1",
"net.ipv4.conf.vboxnet4.src_valid_mark": "0",
"net.ipv4.conf.vboxnet4.tag": "0",
"net.ipv4.conf.vboxnet5.accept_local": "0",
"net.ipv4.conf.vboxnet5.accept_redirects": "1",
"net.ipv4.conf.vboxnet5.accept_source_route": "1",
"net.ipv4.conf.vboxnet5.arp_accept": "0",
"net.ipv4.conf.vboxnet5.arp_announce": "0",
"net.ipv4.conf.vboxnet5.arp_filter": "0",
"net.ipv4.conf.vboxnet5.arp_ignore": "0",
"net.ipv4.conf.vboxnet5.arp_notify": "0",
"net.ipv4.conf.vboxnet5.bc_forwarding": "0",
"net.ipv4.conf.vboxnet5.bootp_relay": "0",
"net.ipv4.conf.vboxnet5.disable_policy": "0",
"net.ipv4.conf.vboxnet5.disable_xfrm": "0",

```
"net.ipv4.conf.vboxnet5.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet5.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet5.force_igmp_version": "0",
"net.ipv4.conf.vboxnet5.forwarding": "1",
"net.ipv4.conf.vboxnet5.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet5.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet5.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet5.log_martians": "0",
"net.ipv4.conf.vboxnet5.mc_forwarding": "0",
"net.ipv4.conf.vboxnet5.medium_id": "0",
"net.ipv4.conf.vboxnet5.promote_secondaries": "1",
"net.ipv4.conf.vboxnet5.proxy_arp": "0",
"net.ipv4.conf.vboxnet5.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet5.route_localnet": "0",
"net.ipv4.conf.vboxnet5.rp_filter": "2",
"net.ipv4.conf.vboxnet5.secure_redirects": "1",
"net.ipv4.conf.vboxnet5.send_redirects": "1",
"net.ipv4.conf.vboxnet5.shared_media": "1",
"net.ipv4.conf.vboxnet5.src_valid_mark": "0",
"net.ipv4.conf.vboxnet5.tag": "0",
"net.ipv4.conf.vboxnet6.accept_local": "0",
"net.ipv4.conf.vboxnet6.accept_redirects": "1",
"net.ipv4.conf.vboxnet6.accept_source_route": "1",
"net.ipv4.conf.vboxnet6.arp_accept": "0",
"net.ipv4.conf.vboxnet6.arp_announce": "0",
"net.ipv4.conf.vboxnet6.arp_filter": "0",
"net.ipv4.conf.vboxnet6.arp_ignore": "0",
"net.ipv4.conf.vboxnet6.arp_notify": "0",
"net.ipv4.conf.vboxnet6.bc_forwarding": "0",
"net.ipv4.conf.vboxnet6.bootp_relay": "0",
"net.ipv4.conf.vboxnet6.disable_policy": "0",
"net.ipv4.conf.vboxnet6.disable_xfrm": "0",
"net.ipv4.conf.vboxnet6.drop_gratuitous_arp": "0",
```

"net.ipv4.conf.vboxnet6.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet6.force_igmp_version": "0",
"net.ipv4.conf.vboxnet6.forwarding": "1",
"net.ipv4.conf.vboxnet6.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet6.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet6.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet6.log_martians": "0",
"net.ipv4.conf.vboxnet6.mc_forwarding": "0",
"net.ipv4.conf.vboxnet6.medium_id": "0",
"net.ipv4.conf.vboxnet6.promote_secondaries": "1",
"net.ipv4.conf.vboxnet6.proxy_arp": "0",
"net.ipv4.conf.vboxnet6.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet6.route_localnet": "0",
"net.ipv4.conf.vboxnet6.rp_filter": "2",
"net.ipv4.conf.vboxnet6.secure_redirects": "1",
"net.ipv4.conf.vboxnet6.send_redirects": "1",
"net.ipv4.conf.vboxnet6.shared_media": "1",
"net.ipv4.conf.vboxnet6.src_valid_mark": "0",
"net.ipv4.conf.vboxnet6.tag": "0",
"net.ipv4.conf.vboxnet7.accept_local": "0",
"net.ipv4.conf.vboxnet7.accept_redirects": "1",
"net.ipv4.conf.vboxnet7.accept_source_route": "1",
"net.ipv4.conf.vboxnet7.arp_accept": "0",
"net.ipv4.conf.vboxnet7.arp_announce": "0",
"net.ipv4.conf.vboxnet7.arp_filter": "0",
"net.ipv4.conf.vboxnet7.arp_ignore": "0",
"net.ipv4.conf.vboxnet7.arp_notify": "0",
"net.ipv4.conf.vboxnet7.bc_forwarding": "0",
"net.ipv4.conf.vboxnet7.bootp_relay": "0",
"net.ipv4.conf.vboxnet7.disable_policy": "0",
"net.ipv4.conf.vboxnet7.disable_xfrm": "0",
"net.ipv4.conf.vboxnet7.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet7.drop_unicast_in_12_multicast": "0",

"net.ipv4.conf.vboxnet7.force_igmp_version": "0",
"net.ipv4.conf.vboxnet7.forwarding": "1",
"net.ipv4.conf.vboxnet7.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet7.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet7.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet7.log_martians": "0",
"net.ipv4.conf.vboxnet7.mc_forwarding": "0",
"net.ipv4.conf.vboxnet7.medium_id": "0",
"net.ipv4.conf.vboxnet7.promote_secondaries": "1",
"net.ipv4.conf.vboxnet7.proxy_arp": "0",
"net.ipv4.conf.vboxnet7.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet7.route_localnet": "0",
"net.ipv4.conf.vboxnet7.rp_filter": "2",
"net.ipv4.conf.vboxnet7.secure_redirects": "1",
"net.ipv4.conf.vboxnet7.send_redirects": "1",
"net.ipv4.conf.vboxnet7.shared_media": "1",
"net.ipv4.conf.vboxnet7.src_valid_mark": "0",
"net.ipv4.conf.vboxnet7.tag": "0",
"net.ipv4.conf.vboxnet8.accept_local": "0",
"net.ipv4.conf.vboxnet8.accept_redirects": "1",
"net.ipv4.conf.vboxnet8.accept_source_route": "1",
"net.ipv4.conf.vboxnet8.arp_accept": "0",
"net.ipv4.conf.vboxnet8.arp_announce": "0",
"net.ipv4.conf.vboxnet8.arp_filter": "0",
"net.ipv4.conf.vboxnet8.arp_ignore": "0",
"net.ipv4.conf.vboxnet8.arp_notify": "0",
"net.ipv4.conf.vboxnet8.bc_forwarding": "0",
"net.ipv4.conf.vboxnet8.bootp_relay": "0",
"net.ipv4.conf.vboxnet8.disable_policy": "0",
"net.ipv4.conf.vboxnet8.disable_xfrm": "0",
"net.ipv4.conf.vboxnet8.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet8.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet8.force_igmp_version": "0",

```
"net.ipv4.conf.vboxnet8.forwarding": "1",
"net.ipv4.conf.vboxnet8.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet8.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet8.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet8.log_martians": "0",
"net.ipv4.conf.vboxnet8.mc_forwarding": "0",
"net.ipv4.conf.vboxnet8.medium_id": "0",
"net.ipv4.conf.vboxnet8.promote_secondaries": "1",
"net.ipv4.conf.vboxnet8.proxy_arp": "0",
"net.ipv4.conf.vboxnet8.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet8.route_localnet": "0",
"net.ipv4.conf.vboxnet8.rp_filter": "2",
"net.ipv4.conf.vboxnet8.secure_redirects": "1",
"net.ipv4.conf.vboxnet8.send_redirects": "1",
"net.ipv4.conf.vboxnet8.shared_media": "1",
"net.ipv4.conf.vboxnet8.src_valid_mark": "0",
"net.ipv4.conf.vboxnet8.tag": "0",
"net.ipv4.conf.vboxnet9.accept_local": "0",
"net.ipv4.conf.vboxnet9.accept_redirects": "1",
"net.ipv4.conf.vboxnet9.accept_source_route": "1",
"net.ipv4.conf.vboxnet9.arp_accept": "0",
"net.ipv4.conf.vboxnet9.arp_announce": "0",
"net.ipv4.conf.vboxnet9.arp_filter": "0",
"net.ipv4.conf.vboxnet9.arp_ignore": "0",
"net.ipv4.conf.vboxnet9.arp_notify": "0",
"net.ipv4.conf.vboxnet9.bc_forwarding": "0",
"net.ipv4.conf.vboxnet9.bootp_relay": "0",
"net.ipv4.conf.vboxnet9.disable_policy": "0",
"net.ipv4.conf.vboxnet9.disable_xfrm": "0",
"net.ipv4.conf.vboxnet9.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet9.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet9.force_igmp_version": "0",
"net.ipv4.conf.vboxnet9.forwarding": "1",
```

"net.ipv4.conf.vboxnet9.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet9.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet9.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet9.log_martians": "0",
"net.ipv4.conf.vboxnet9.mc_forwarding": "0",
"net.ipv4.conf.vboxnet9.medium_id": "0",
"net.ipv4.conf.vboxnet9.promote_secondaries": "1",
"net.ipv4.conf.vboxnet9.proxy_arp": "0",
"net.ipv4.conf.vboxnet9.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet9.route_localnet": "0",
"net.ipv4.conf.vboxnet9.rp_filter": "2",
"net.ipv4.conf.vboxnet9.secure_redirects": "1",
"net.ipv4.conf.vboxnet9.send_redirects": "1",
"net.ipv4.conf.vboxnet9.shared_media": "1",
"net.ipv4.conf.vboxnet9.src_valid_mark": "0",
"net.ipv4.conf.vboxnet9.tag": "0",
"net.ipv4.conf.virbr0-nic.accept_local": "0",
"net.ipv4.conf.virbr0-nic.accept_redirects": "1",
"net.ipv4.conf.virbr0-nic.accept_source_route": "1",
"net.ipv4.conf.virbr0-nic.arp_accept": "0",
"net.ipv4.conf.virbr0-nic.arp_announce": "0",
"net.ipv4.conf.virbr0-nic.arp_filter": "0",
"net.ipv4.conf.virbr0-nic.arp_ignore": "0",
"net.ipv4.conf.virbr0-nic.arp_notify": "0",
"net.ipv4.conf.virbr0-nic.bc_forwarding": "0",
"net.ipv4.conf.virbr0-nic.bootp_relay": "0",
"net.ipv4.conf.virbr0-nic.disable_policy": "0",
"net.ipv4.conf.virbr0-nic.disable_xfrm": "0",
"net.ipv4.conf.virbr0-nic.drop_gratuitous_arp": "0",
"net.ipv4.conf.virbr0-nic.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.virbr0-nic.force_igmp_version": "0",
"net.ipv4.conf.virbr0-nic.forwarding": "1",
"net.ipv4.conf.virbr0-nic.igmpv2_unsolicited_report_interval": "10000",

"net.ipv4.conf.virbr0-nic.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.virbr0-nic.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.virbr0-nic.log_martians": "0",
"net.ipv4.conf.virbr0-nic.mc_forwarding": "0",
"net.ipv4.conf.virbr0-nic.medium_id": "0",
"net.ipv4.conf.virbr0-nic.promote_secondaries": "1",
"net.ipv4.conf.virbr0-nic.proxy_arp": "0",
"net.ipv4.conf.virbr0-nic.proxy_arp_pvlan": "0",
"net.ipv4.conf.virbr0-nic.route_localnet": "0",
"net.ipv4.conf.virbr0-nic.rp_filter": "2",
"net.ipv4.conf.virbr0-nic.secure_redirects": "1",
"net.ipv4.conf.virbr0-nic.send_redirects": "1",
"net.ipv4.conf.virbr0-nic.shared_media": "1",
"net.ipv4.conf.virbr0-nic.src_valid_mark": "0",
"net.ipv4.conf.virbr0-nic.tag": "0",
"net.ipv4.conf.virbr0.accept_local": "0",
"net.ipv4.conf.virbr0.accept_redirects": "1",
"net.ipv4.conf.virbr0.accept_source_route": "1",
"net.ipv4.conf.virbr0.arp_accept": "0",
"net.ipv4.conf.virbr0.arp_announce": "0",
"net.ipv4.conf.virbr0.arp_filter": "0",
"net.ipv4.conf.virbr0.arp_ignore": "0",
"net.ipv4.conf.virbr0.arp_notify": "0",
"net.ipv4.conf.virbr0.bc_forwarding": "0",
"net.ipv4.conf.virbr0.bootp_relay": "0",
"net.ipv4.conf.virbr0.disable_policy": "0",
"net.ipv4.conf.virbr0.disable_xfrm": "0",
"net.ipv4.conf.virbr0.drop_gratuitous_arp": "0",
"net.ipv4.conf.virbr0.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.virbr0.force_igmp_version": "0",
"net.ipv4.conf.virbr0.forwarding": "1",
"net.ipv4.conf.virbr0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.virbr0.igmpv3_unsolicited_report_interval": "1000",

```
"net.ipv4.conf.virbr0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.virbr0.log_martians": "0",
"net.ipv4.conf.virbr0.mc_forwarding": "0",
"net.ipv4.conf.virbr0.medium_id": "0",
"net.ipv4.conf.virbr0.promote_secondaries": "1",
"net.ipv4.conf.virbr0.proxy_arp": "0",
"net.ipv4.conf.virbr0.proxy_arp_pvlan": "0",
"net.ipv4.conf.virbr0.route_localnet": "0",
"net.ipv4.conf.virbr0.rp_filter": "2",
"net.ipv4.conf.virbr0.secure_redirects": "1",
"net.ipv4.conf.virbr0.send_redirects": "1",
"net.ipv4.conf.virbr0.shared_media": "1",
"net.ipv4.conf.virbr0.src_valid_mark": "0",
"net.ipv4.conf.virbr0.tag": "0",
"net.ipv4.conf.wlan0.accept_local": "0",
"net.ipv4.conf.wlan0.accept_redirects": "1",
"net.ipv4.conf.wlan0.accept_source_route": "1",
"net.ipv4.conf.wlan0.arp_accept": "0",
"net.ipv4.conf.wlan0.arp_announce": "0",
"net.ipv4.conf.wlan0.arp_filter": "0",
"net.ipv4.conf.wlan0.arp_ignore": "0",
"net.ipv4.conf.wlan0.arp_notify": "0",
"net.ipv4.conf.wlan0.bc_forwarding": "0",
"net.ipv4.conf.wlan0.bootp_relay": "0",
"net.ipv4.conf.wlan0.disable_policy": "0",
"net.ipv4.conf.wlan0.disable_xfrm": "0",
"net.ipv4.conf.wlan0.drop_gratuitous_arp": "0",
"net.ipv4.conf.wlan0.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.wlan0.force_igmp_version": "0",
"net.ipv4.conf.wlan0.forwarding": "1",
"net.ipv4.conf.wlan0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.wlan0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.wlan0.ignore_routes_with_linkdown": "0",
```

"net.ipv4.conf.wlan0.log_martians": "0",
"net.ipv4.conf.wlan0.mc_forwarding": "0",
"net.ipv4.conf.wlan0.medium_id": "0",
"net.ipv4.conf.wlan0.promote_secondaries": "1",
"net.ipv4.conf.wlan0.proxy_arp": "0",
"net.ipv4.conf.wlan0.proxy_arp_pvlan": "0",
"net.ipv4.conf.wlan0.route_localnet": "0",
"net.ipv4.conf.wlan0.rp_filter": "2",
"net.ipv4.conf.wlan0.secure_redirects": "1",
"net.ipv4.conf.wlan0.send_redirects": "1",
"net.ipv4.conf.wlan0.shared_media": "1",
"net.ipv4.conf.wlan0.src_valid_mark": "0",
"net.ipv4.conf.wlan0.tag": "0",
"net.ipv4.fib_multipath_hash_policy": "0",
"net.ipv4.fib_multipath_use_neigh": "0",
"net.ipv4.fib_sync_mem": "524288",
"net.ipv4.fwmark_reflect": "0",
"net.ipv4.icmp_echo_ignore_all": "0",
"net.ipv4.icmp_echo_ignore_broadcasts": "1",
"net.ipv4.icmp_errors_use_inbound_ifaddr": "0",
"net.ipv4.icmp_ignore_bogus_error_responses": "1",
"net.ipv4.icmp_msgs_burst": "50",
"net.ipv4.icmp_msgs_per_sec": "1000",
"net.ipv4.icmp_ratelimit": "1000",
"net.ipv4.icmp_ratemask": "6168",
"net.ipv4.igmp_link_local_mcast_reports": "1",
"net.ipv4.igmp_max_memberships": "20",
"net.ipv4.igmp_max_msf": "10",
"net.ipv4.igmp_qrv": "2",
"net.ipv4.inet_peer_maxttl": "600",
"net.ipv4.inet_peer_minttl": "120",
"net.ipv4.inet_peer_threshold": "65664",
"net.ipv4.ip_default_ttl": "64",

```
"net.ipv4.ip_dynaddr": "0",
"net.ipv4.ip_early_demux": "1",
"net.ipv4.ip_forward": "1",
"net.ipv4.ip_forward_update_priority": "1",
"net.ipv4.ip_forward_use_pmtu": "0",
"net.ipv4.ip_local_port_range": "32768\t60999",
"net.ipv4.ip_local_reserved_ports": "",
"net.ipv4.ip_no_pmtu_disc": "0",
"net.ipv4.ip_nonlocal_bind": "0",
"net.ipv4.ip_unprivileged_port_start": "1024",
"net.ipv4.ipfrag_high_thresh": "4194304",
"net.ipv4.ipfrag_low_thresh": "3145728",
"net.ipv4.ipfrag_max_dist": "64",
"net.ipv4.ipfrag_secret_interval": "0",
"net.ipv4.ipfrag_time": "30",
"net.ipv4.neigh.default.anycast_delay": "100",
"net.ipv4.neigh.default.app_solicit": "0",
"net.ipv4.neigh.default.base_reachable_time": "30",
"net.ipv4.neigh.default.base_reachable_time_ms": "30000",
"net.ipv4.neigh.default.delay_first_probe_time": "5",
"net.ipv4.neigh.default.gc_interval": "30",
"net.ipv4.neigh.default.gc_stale_time": "60",
"net.ipv4.neigh.default.gc_thresh1": "128",
"net.ipv4.neigh.default.gc_thresh2": "512",
"net.ipv4.neigh.default.gc_thresh3": "1024",
"net.ipv4.neigh.default.locktime": "100",
"net.ipv4.neigh.default.mcast_resolicit": "0",
"net.ipv4.neigh.default.mcast_solicit": "3",
"net.ipv4.neigh.default.proxy_delay": "80",
"net.ipv4.neigh.default.proxy_qlen": "64",
"net.ipv4.neigh.default.retrans_time": "100",
"net.ipv4.neigh.default.retrans_time_ms": "1000",
"net.ipv4.neigh.default.unicast_solicit": "3",
```

"net.ipv4.neigh.default.unres_qlen": "101",
"net.ipv4.neigh.default.unres_qlen_bytes": "212992",
"net.ipv4.neigh.docker0.anycast_delay": "100",
"net.ipv4.neigh.docker0.app_solicit": "0",
"net.ipv4.neigh.docker0.base_reachable_time": "30",
"net.ipv4.neigh.docker0.base_reachable_time_ms": "30000",
"net.ipv4.neigh.docker0.delay_first_probe_time": "5",
"net.ipv4.neigh.docker0.gc_stale_time": "60",
"net.ipv4.neigh.docker0.locktime": "100",
"net.ipv4.neigh.docker0.mcast_resolicit": "0",
"net.ipv4.neigh.docker0.mcast_solicit": "3",
"net.ipv4.neigh.docker0.proxy_delay": "80",
"net.ipv4.neigh.docker0.proxy_qlen": "64",
"net.ipv4.neigh.docker0.retrans_time": "100",
"net.ipv4.neigh.docker0.retrans_time_ms": "1000",
"net.ipv4.neigh.docker0.unicast_solicit": "3",
"net.ipv4.neigh.docker0.unres_qlen": "101",
"net.ipv4.neigh.docker0.unres_qlen_bytes": "212992",
"net.ipv4.neigh.eth0.anycast_delay": "100",
"net.ipv4.neigh.eth0.app_solicit": "0",
"net.ipv4.neigh.eth0.base_reachable_time": "30",
"net.ipv4.neigh.eth0.base_reachable_time_ms": "30000",
"net.ipv4.neigh.eth0.delay_first_probe_time": "5",
"net.ipv4.neigh.eth0.gc_stale_time": "60",
"net.ipv4.neigh.eth0.locktime": "100",
"net.ipv4.neigh.eth0.mcast_resolicit": "0",
"net.ipv4.neigh.eth0.mcast_solicit": "3",
"net.ipv4.neigh.eth0.proxy_delay": "80",
"net.ipv4.neigh.eth0.proxy_qlen": "64",
"net.ipv4.neigh.eth0.retrans_time": "100",
"net.ipv4.neigh.eth0.retrans_time_ms": "1000",
"net.ipv4.neigh.eth0.unicast_solicit": "3",
"net.ipv4.neigh.eth0.unres_qlen": "101",

"net.ipv4.neigh.eth0.unres_qlen_bytes": "212992",
"net.ipv4.neigh.lo.anycast_delay": "100",
"net.ipv4.neigh.lo.app_solicit": "0",
"net.ipv4.neigh.lo.base_reachable_time": "30",
"net.ipv4.neigh.lo.base_reachable_time_ms": "30000",
"net.ipv4.neigh.lo.delay_first_probe_time": "5",
"net.ipv4.neigh.lo.gc_stale_time": "60",
"net.ipv4.neigh.lo.locktime": "100",
"net.ipv4.neigh.lo.mcast_resolicit": "0",
"net.ipv4.neigh.lo.mcast_solicit": "3",
"net.ipv4.neigh.lo.proxy_delay": "80",
"net.ipv4.neigh.lo.proxy_qlen": "64",
"net.ipv4.neigh.lo.retrans_time": "100",
"net.ipv4.neigh.lo.retrans_time_ms": "1000",
"net.ipv4.neigh.lo.unicast_solicit": "3",
"net.ipv4.neigh.lo.unres_qlen": "101",
"net.ipv4.neigh.lo.unres_qlen_bytes": "212992",
"net.ipv4.neigh.tun0.anycast_delay": "100",
"net.ipv4.neigh.tun0.app_solicit": "0",
"net.ipv4.neigh.tun0.base_reachable_time": "30",
"net.ipv4.neigh.tun0.base_reachable_time_ms": "30000",
"net.ipv4.neigh.tun0.delay_first_probe_time": "5",
"net.ipv4.neigh.tun0.gc_stale_time": "60",
"net.ipv4.neigh.tun0.locktime": "100",
"net.ipv4.neigh.tun0.mcast_resolicit": "0",
"net.ipv4.neigh.tun0.mcast_solicit": "3",
"net.ipv4.neigh.tun0.proxy_delay": "80",
"net.ipv4.neigh.tun0.proxy_qlen": "64",
"net.ipv4.neigh.tun0.retrans_time": "100",
"net.ipv4.neigh.tun0.retrans_time_ms": "1000",
"net.ipv4.neigh.tun0.unicast_solicit": "3",
"net.ipv4.neigh.tun0.unres_qlen": "101",
"net.ipv4.neigh.tun0.unres_qlen_bytes": "212992",

"net.ipv4.neigh.vboxnet0.anycast_delay": "100",
"net.ipv4.neigh.vboxnet0.app_solicit": "0",
"net.ipv4.neigh.vboxnet0.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet0.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet0.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet0.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet0.locktime": "100",
"net.ipv4.neigh.vboxnet0.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet0.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet0.proxy_delay": "80",
"net.ipv4.neigh.vboxnet0.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet0.retrans_time": "100",
"net.ipv4.neigh.vboxnet0.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet0.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet0.unres_qlen": "101",
"net.ipv4.neigh.vboxnet0.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet1.anycast_delay": "100",
"net.ipv4.neigh.vboxnet1.app_solicit": "0",
"net.ipv4.neigh.vboxnet1.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet1.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet1.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet1.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet1.locktime": "100",
"net.ipv4.neigh.vboxnet1.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet1.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet1.proxy_delay": "80",
"net.ipv4.neigh.vboxnet1.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet1.retrans_time": "100",
"net.ipv4.neigh.vboxnet1.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet1.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet1.unres_qlen": "101",
"net.ipv4.neigh.vboxnet1.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet10.anycast_delay": "100",

"net.ipv4.neigh.vboxnet10.app_solicit": "0",
"net.ipv4.neigh.vboxnet10.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet10.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet10.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet10.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet10.locktime": "100",
"net.ipv4.neigh.vboxnet10.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet10.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet10.proxy_delay": "80",
"net.ipv4.neigh.vboxnet10.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet10.retrans_time": "100",
"net.ipv4.neigh.vboxnet10.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet10.ucast_solicit": "3",
"net.ipv4.neigh.vboxnet10.unres_qlen": "101",
"net.ipv4.neigh.vboxnet10.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet11.anycast_delay": "100",
"net.ipv4.neigh.vboxnet11.app_solicit": "0",
"net.ipv4.neigh.vboxnet11.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet11.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet11.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet11.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet11.locktime": "100",
"net.ipv4.neigh.vboxnet11.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet11.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet11.proxy_delay": "80",
"net.ipv4.neigh.vboxnet11.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet11.retrans_time": "100",
"net.ipv4.neigh.vboxnet11.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet11.ucast_solicit": "3",
"net.ipv4.neigh.vboxnet11.unres_qlen": "101",
"net.ipv4.neigh.vboxnet11.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet12.anycast_delay": "100",
"net.ipv4.neigh.vboxnet12.app_solicit": "0",

"net.ipv4.neigh.vboxnet12.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet12.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet12.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet12.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet12.locktime": "100",
"net.ipv4.neigh.vboxnet12.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet12.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet12.proxy_delay": "80",
"net.ipv4.neigh.vboxnet12.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet12.retrans_time": "100",
"net.ipv4.neigh.vboxnet12.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet12.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet12.unres_qlen": "101",
"net.ipv4.neigh.vboxnet12.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet13.anycast_delay": "100",
"net.ipv4.neigh.vboxnet13.app_solicit": "0",
"net.ipv4.neigh.vboxnet13.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet13.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet13.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet13.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet13.locktime": "100",
"net.ipv4.neigh.vboxnet13.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet13.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet13.proxy_delay": "80",
"net.ipv4.neigh.vboxnet13.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet13.retrans_time": "100",
"net.ipv4.neigh.vboxnet13.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet13.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet13.unres_qlen": "101",
"net.ipv4.neigh.vboxnet13.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet2.anycast_delay": "100",
"net.ipv4.neigh.vboxnet2.app_solicit": "0",
"net.ipv4.neigh.vboxnet2.base_reachable_time": "30",

"net.ipv4.neigh.vboxnet2.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet2.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet2.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet2.locktime": "100",
"net.ipv4.neigh.vboxnet2.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet2.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet2.proxy_delay": "80",
"net.ipv4.neigh.vboxnet2.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet2.retrans_time": "100",
"net.ipv4.neigh.vboxnet2.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet2.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet2.unres_qlen": "101",
"net.ipv4.neigh.vboxnet2.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet3.anycast_delay": "100",
"net.ipv4.neigh.vboxnet3.app_solicit": "0",
"net.ipv4.neigh.vboxnet3.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet3.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet3.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet3.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet3.locktime": "100",
"net.ipv4.neigh.vboxnet3.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet3.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet3.proxy_delay": "80",
"net.ipv4.neigh.vboxnet3.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet3.retrans_time": "100",
"net.ipv4.neigh.vboxnet3.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet3.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet3.unres_qlen": "101",
"net.ipv4.neigh.vboxnet3.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet4.anycast_delay": "100",
"net.ipv4.neigh.vboxnet4.app_solicit": "0",
"net.ipv4.neigh.vboxnet4.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet4.base_reachable_time_ms": "30000",

"net.ipv4.neigh.vboxnet4.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet4.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet4.locktime": "100",
"net.ipv4.neigh.vboxnet4.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet4.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet4.proxy_delay": "80",
"net.ipv4.neigh.vboxnet4.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet4.retrans_time": "100",
"net.ipv4.neigh.vboxnet4.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet4.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet4.unres_qlen": "101",
"net.ipv4.neigh.vboxnet4.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet5.anycast_delay": "100",
"net.ipv4.neigh.vboxnet5.app_solicit": "0",
"net.ipv4.neigh.vboxnet5.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet5.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet5.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet5.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet5.locktime": "100",
"net.ipv4.neigh.vboxnet5.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet5.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet5.proxy_delay": "80",
"net.ipv4.neigh.vboxnet5.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet5.retrans_time": "100",
"net.ipv4.neigh.vboxnet5.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet5.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet5.unres_qlen": "101",
"net.ipv4.neigh.vboxnet5.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet6.anycast_delay": "100",
"net.ipv4.neigh.vboxnet6.app_solicit": "0",
"net.ipv4.neigh.vboxnet6.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet6.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet6.delay_first_probe_time": "5",

"net.ipv4.neigh.vboxnet6.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet6.locktime": "100",
"net.ipv4.neigh.vboxnet6.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet6.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet6.proxy_delay": "80",
"net.ipv4.neigh.vboxnet6.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet6.retrans_time": "100",
"net.ipv4.neigh.vboxnet6.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet6.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet6.unres_qlen": "101",
"net.ipv4.neigh.vboxnet6.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet7.anycast_delay": "100",
"net.ipv4.neigh.vboxnet7.app_solicit": "0",
"net.ipv4.neigh.vboxnet7.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet7.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet7.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet7.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet7.locktime": "100",
"net.ipv4.neigh.vboxnet7.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet7.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet7.proxy_delay": "80",
"net.ipv4.neigh.vboxnet7.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet7.retrans_time": "100",
"net.ipv4.neigh.vboxnet7.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet7.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet7.unres_qlen": "101",
"net.ipv4.neigh.vboxnet7.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet8.anycast_delay": "100",
"net.ipv4.neigh.vboxnet8.app_solicit": "0",
"net.ipv4.neigh.vboxnet8.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet8.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet8.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet8.gc_stale_time": "60",

"net.ipv4.neigh.vboxnet8.locktime": "100",
"net.ipv4.neigh.vboxnet8.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet8.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet8.proxy_delay": "80",
"net.ipv4.neigh.vboxnet8.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet8.retrans_time": "100",
"net.ipv4.neigh.vboxnet8.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet8.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet8.unres_qlen": "101",
"net.ipv4.neigh.vboxnet8.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet9.anycast_delay": "100",
"net.ipv4.neigh.vboxnet9.app_solicit": "0",
"net.ipv4.neigh.vboxnet9.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet9.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet9.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet9.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet9.locktime": "100",
"net.ipv4.neigh.vboxnet9.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet9.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet9.proxy_delay": "80",
"net.ipv4.neigh.vboxnet9.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet9.retrans_time": "100",
"net.ipv4.neigh.vboxnet9.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet9.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet9.unres_qlen": "101",
"net.ipv4.neigh.vboxnet9.unres_qlen_bytes": "212992",
"net.ipv4.neigh.virbr0-nic.anycast_delay": "100",
"net.ipv4.neigh.virbr0-nic.app_solicit": "0",
"net.ipv4.neigh.virbr0-nic.base_reachable_time": "30",
"net.ipv4.neigh.virbr0-nic.base_reachable_time_ms": "30000",
"net.ipv4.neigh.virbr0-nic.delay_first_probe_time": "5",
"net.ipv4.neigh.virbr0-nic.gc_stale_time": "60",
"net.ipv4.neigh.virbr0-nic.locktime": "100",

"net.ipv4.neigh.virbr0-nic.mcast_resolicit": "0",
"net.ipv4.neigh.virbr0-nic.mcast_solicit": "3",
"net.ipv4.neigh.virbr0-nic.proxy_delay": "80",
"net.ipv4.neigh.virbr0-nic.proxy_qlen": "64",
"net.ipv4.neigh.virbr0-nic.retrans_time": "100",
"net.ipv4.neigh.virbr0-nic.retrans_time_ms": "1000",
"net.ipv4.neigh.virbr0-nic.unicast_solicit": "3",
"net.ipv4.neigh.virbr0-nic.unres_qlen": "101",
"net.ipv4.neigh.virbr0-nic.unres_qlen_bytes": "212992",
"net.ipv4.neigh.virbr0.anycast_delay": "100",
"net.ipv4.neigh.virbr0.app_solicit": "0",
"net.ipv4.neigh.virbr0.base_reachable_time": "30",
"net.ipv4.neigh.virbr0.base_reachable_time_ms": "30000",
"net.ipv4.neigh.virbr0.delay_first_probe_time": "5",
"net.ipv4.neigh.virbr0.gc_stale_time": "60",
"net.ipv4.neigh.virbr0.locktime": "100",
"net.ipv4.neigh.virbr0.mcast_resolicit": "0",
"net.ipv4.neigh.virbr0.mcast_solicit": "3",
"net.ipv4.neigh.virbr0.proxy_delay": "80",
"net.ipv4.neigh.virbr0.proxy_qlen": "64",
"net.ipv4.neigh.virbr0.retrans_time": "100",
"net.ipv4.neigh.virbr0.retrans_time_ms": "1000",
"net.ipv4.neigh.virbr0.unicast_solicit": "3",
"net.ipv4.neigh.virbr0.unres_qlen": "101",
"net.ipv4.neigh.virbr0.unres_qlen_bytes": "212992",
"net.ipv4.neigh.wlan0.anycast_delay": "100",
"net.ipv4.neigh.wlan0.app_solicit": "0",
"net.ipv4.neigh.wlan0.base_reachable_time": "30",
"net.ipv4.neigh.wlan0.base_reachable_time_ms": "30000",
"net.ipv4.neigh.wlan0.delay_first_probe_time": "5",
"net.ipv4.neigh.wlan0.gc_stale_time": "60",
"net.ipv4.neigh.wlan0.locktime": "100",
"net.ipv4.neigh.wlan0.mcast_resolicit": "0",

"net.ipv4.neigh.wlan0.mcast_solicit": "3",
"net.ipv4.neigh.wlan0.proxy_delay": "80",
"net.ipv4.neigh.wlan0.proxy_qlen": "64",
"net.ipv4.neigh.wlan0.retrans_time": "100",
"net.ipv4.neigh.wlan0.retrans_time_ms": "1000",
"net.ipv4.neigh.wlan0.unicast_solicit": "3",
"net.ipv4.neigh.wlan0.unres_qlen": "101",
"net.ipv4.neigh.wlan0.unres_qlen_bytes": "212992",
"net.ipv4.ping_group_range": "0\t2147483647",
"net.ipv4.raw_l3mdev_accept": "1",
"net.ipv4.route.error_burst": "5000",
"net.ipv4.route.error_cost": "1000",
"net.ipv4.route.gc_elasticity": "8",
"net.ipv4.route.gc_interval": "60",
"net.ipv4.route.gc_min_interval": "0",
"net.ipv4.route.gc_min_interval_ms": "500",
"net.ipv4.route.gc_thresh": "-1",
"net.ipv4.route.gc_timeout": "300",
"net.ipv4.route.max_size": "2147483647",
"net.ipv4.route.min_adv_mss": "256",
"net.ipv4.route.min_pmtu": "552",
"net.ipv4.route.mtu_expires": "600",
"net.ipv4.route.redirect_load": "20",
"net.ipv4.route.redirect_number": "9",
"net.ipv4.route.redirect_silence": "20480",
"net.ipv4.tcp_abort_on_overflow": "0",
"net.ipv4.tcp_adv_win_scale": "1",
"net.ipv4.tcp_allowed_congestion_control": "reno cubic",
"net.ipv4.tcp_app_win": "31",
"net.ipv4.tcp_autocorking": "1",
"net.ipv4.tcp_available_congestion_control": "reno cubic",
"net.ipv4.tcp_available_ulp": "",
"net.ipv4.tcp_base_mss": "1024",

"net.ipv4.tcp_challenge_ack_limit": "1000",
"net.ipv4.tcp_comp_sack_delay_ns": "10000000",
"net.ipv4.tcp_comp_sack_nr": "44",
"net.ipv4.tcp_congestion_control": "cubic",
"net.ipv4.tcp_dsack": "1",
"net.ipv4.tcp_early_demux": "1",
"net.ipv4.tcp_early_retrans": "3",
"net.ipv4.tcp_ecn": "2",
"net.ipv4.tcp_ecn_fallback": "1",
"net.ipv4.tcp_fack": "0",
"net.ipv4.tcp_fastopen": "1",
"net.ipv4.tcp_fastopen_blackhole_timeout_sec": "3600",
"net.ipv4.tcp_fin_timeout": "60",
"net.ipv4.tcp_frto": "2",
"net.ipv4.tcp_fwmark_accept": "0",
"net.ipv4.tcp_invalid_ratelimit": "500",
"net.ipv4.tcp_keepalive_intvl": "75",
"net.ipv4.tcp_keepalive_probes": "9",
"net.ipv4.tcp_keepalive_time": "7200",
"net.ipv4.tcp_l3mdev_accept": "0",
"net.ipv4.tcp_limit_output_bytes": "1048576",
"net.ipv4.tcp_low_latency": "0",
"net.ipv4.tcp_max_orphans": "131072",
"net.ipv4.tcp_max_reordering": "300",
"net.ipv4.tcp_max_syn_backlog": "2048",
"net.ipv4.tcp_max_tw_buckets": "131072",
"net.ipv4.tcp_mem": "381744\1508994\1763488",
"net.ipv4.tcp_min_rtt_wlen": "300",
"net.ipv4.tcp_min_snd_mss": "48",
"net.ipv4.tcp_min_tso_segs": "2",
"net.ipv4.tcp_moderate_rcvbuf": "1",
"net.ipv4.tcp_mtu_probe_floor": "48",
"net.ipv4.tcp_mtu_probing": "0",

"net.ipv4.tcp_no_metrics_save": "0",
"net.ipv4.tcp_notsent_lowat": "4294967295",
"net.ipv4.tcp_orphan_retries": "0",
"net.ipv4.tcp_pacing_ca_ratio": "120",
"net.ipv4.tcp_pacing_ss_ratio": "200",
"net.ipv4.tcp_probe_interval": "600",
"net.ipv4.tcp_probe_threshold": "8",
"net.ipv4.tcp_recovery": "1",
"net.ipv4.tcp_reordering": "3",
"net.ipv4.tcp_retrans_collapse": "1",
"net.ipv4.tcp_retries1": "3",
"net.ipv4.tcp_retries2": "15",
"net.ipv4.tcp_rfc1337": "0",
"net.ipv4.tcp_rmem": "4096\t131072\t6291456",
"net.ipv4.tcp_rx_skb_cache": "0",
"net.ipv4.tcp_sack": "1",
"net.ipv4.tcp_slow_start_after_idle": "1",
"net.ipv4.tcp_stdurg": "0",
"net.ipv4.tcp_syn_retries": "6",
"net.ipv4.tcp_synack_retries": "5",
"net.ipv4.tcp_syncookies": "1",
"net.ipv4.tcp_thin_linear_timeouts": "0",
"net.ipv4.tcp_timestamps": "1",
"net.ipv4.tcp_tso_win_divisor": "3",
"net.ipv4.tcp_tw_reuse": "2",
"net.ipv4.tcp_tx_skb_cache": "0",
"net.ipv4.tcp_window_scaling": "1",
"net.ipv4.tcp_wmem": "4096\t16384\t4194304",
"net.ipv4.tcp_workaround_signed_windows": "0",
"net.ipv4.udp_early_demux": "1",
"net.ipv4.udp_l3mdev_accept": "0",
"net.ipv4.udp_mem": "763491\t1017988\t1526982",
"net.ipv4.udp_rmem_min": "4096",

"net.ipv4.udp_wmem_min": "4096",
"net.ipv4.xfrm4_gc_thresh": "32768",
"net.ipv6.anycast_src_echo_reply": "0",
"net.ipv6.auto_flowlabels": "1",
"net.ipv6.bindv6only": "0",
"net.ipv6.calipso_cache_bucket_size": "10",
"net.ipv6.calipso_cache_enable": "1",
"net.ipv6.conf.all.accept_dad": "0",
"net.ipv6.conf.all.accept_ra": "1",
"net.ipv6.conf.all.accept_ra_defrtr": "1",
"net.ipv6.conf.all.accept_ra_from_local": "0",
"net.ipv6.conf.all.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.all.accept_ra_mtu": "1",
"net.ipv6.conf.all.accept_ra_pinfo": "1",
"net.ipv6.conf.all.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.all.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.all.accept_ra_rtr_pref": "1",
"net.ipv6.conf.all.accept_redirects": "1",
"net.ipv6.conf.all.accept_source_route": "0",
"net.ipv6.conf.all.addr_gen_mode": "0",
"net.ipv6.conf.all.autoconf": "1",
"net.ipv6.conf.all.dad_transmits": "1",
"net.ipv6.conf.all.disable_ipv6": "0",
"net.ipv6.conf.all.disable_policy": "0",
"net.ipv6.conf.all.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.all.drop_unsolicited_na": "0",
"net.ipv6.conf.all.enhanced_dad": "1",
"net.ipv6.conf.all.force_mld_version": "0",
"net.ipv6.conf.all.force_tllao": "0",
"net.ipv6.conf.all.forwarding": "0",
"net.ipv6.conf.all.hop_limit": "64",
"net.ipv6.conf.all.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.all.keep_addr_on_down": "0",

```
"net.ipv6.conf.all.max_addresses": "16",
"net.ipv6.conf.all.max_desync_factor": "600",
"net.ipv6.conf.all.mc_forwarding": "0",
"net.ipv6.conf.all.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.all.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.all.mtu": "1280",
"net.ipv6.conf.all.ndisc_notify": "0",
"net.ipv6.conf.all.ndisc_tcclass": "0",
"net.ipv6.conf.all.proxy_ndp": "0",
"net.ipv6.conf.all.regen_max_retry": "3",
"net.ipv6.conf.all.router_probe_interval": "60",
"net.ipv6.conf.all.router_solicitation_delay": "1",
"net.ipv6.conf.all.router_solicitation_interval": "4",
"net.ipv6.conf.all.router_solicitation_max_interval": "3600",
"net.ipv6.conf.all.router_solicitations": "-1",
"net.ipv6.conf.all.seg6_enabled": "0",
"net.ipv6.conf.all.seg6_require_hmac": "0",
"net.ipv6.conf.all.suppress_frag_ndisc": "1",
"net.ipv6.conf.all.temp_prefered_lft": "86400",
"net.ipv6.conf.all.temp_valid_lft": "604800",
"net.ipv6.conf.all.use_oif_addrs_only": "0",
"net.ipv6.conf.all.use_tempaddr": "2",
"net.ipv6.conf.default.accept_dad": "1",
"net.ipv6.conf.default.accept_ra": "1",
"net.ipv6.conf.default.accept_ra_defrtr": "1",
"net.ipv6.conf.default.accept_ra_from_local": "0",
"net.ipv6.conf.default.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.default.accept_ra_mtu": "1",
"net.ipv6.conf.default.accept_ra_pinfo": "1",
"net.ipv6.conf.default.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.default.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.default.accept_ra_rtr_pref": "1",
"net.ipv6.conf.default.accept_redirects": "1",
```

```
"net.ipv6.conf.default.accept_source_route": "0",
"net.ipv6.conf.default.addr_gen_mode": "0",
"net.ipv6.conf.default.autoconf": "1",
"net.ipv6.conf.default.dad_transmits": "1",
"net.ipv6.conf.default.disable_ipv6": "0",
"net.ipv6.conf.default.disable_policy": "0",
"net.ipv6.conf.default.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.default.drop_unsolicited_na": "0",
"net.ipv6.conf.default.enhanced_dad": "1",
"net.ipv6.conf.default.force_mld_version": "0",
"net.ipv6.conf.default.force_tllao": "0",
"net.ipv6.conf.default.forwarding": "0",
"net.ipv6.conf.default.hop_limit": "64",
"net.ipv6.conf.default.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.default.keep_addr_on_down": "0",
"net.ipv6.conf.default.max_addresses": "16",
"net.ipv6.conf.default.max_desync_factor": "600",
"net.ipv6.conf.default.mc_forwarding": "0",
"net.ipv6.conf.default.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.default.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.default.mtu": "1280",
"net.ipv6.conf.default.ndisc_notify": "0",
"net.ipv6.conf.default.ndisc_tclass": "0",
"net.ipv6.conf.default.proxy_ndp": "0",
"net.ipv6.conf.default.regen_max_retry": "3",
"net.ipv6.conf.default.router_probe_interval": "60",
"net.ipv6.conf.default.router_solicitation_delay": "1",
"net.ipv6.conf.default.router_solicitation_interval": "4",
"net.ipv6.conf.default.router_solicitation_max_interval": "3600",
"net.ipv6.conf.default.router_solicitations": "-1",
"net.ipv6.conf.default.seg6_enabled": "0",
"net.ipv6.conf.default.seg6_require_hmac": "0",
"net.ipv6.conf.default.suppress_frag_ndisc": "1",
```

```
"net.ipv6.conf.default.temp_preferred_lft": "86400",
"net.ipv6.conf.default.temp_valid_lft": "604800",
"net.ipv6.conf.default.use_oif_addrs_only": "0",
"net.ipv6.conf.default.use_tempaddr": "2",
"net.ipv6.conf.docker0.accept_dad": "1",
"net.ipv6.conf.docker0.accept_ra": "1",
"net.ipv6.conf.docker0.accept_ra_defrtr": "1",
"net.ipv6.conf.docker0.accept_ra_from_local": "0",
"net.ipv6.conf.docker0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.docker0.accept_ra_mtu": "1",
"net.ipv6.conf.docker0.accept_ra_pinfo": "1",
"net.ipv6.conf.docker0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.docker0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.docker0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.docker0.accept_redirects": "1",
"net.ipv6.conf.docker0.accept_source_route": "0",
"net.ipv6.conf.docker0.addr_gen_mode": "0",
"net.ipv6.conf.docker0.autoconf": "1",
"net.ipv6.conf.docker0.dad_transmits": "1",
"net.ipv6.conf.docker0.disable_ipv6": "0",
"net.ipv6.conf.docker0.disable_policy": "0",
"net.ipv6.conf.docker0.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.docker0.drop_unsolicited_na": "0",
"net.ipv6.conf.docker0.enhanced_dad": "1",
"net.ipv6.conf.docker0.force_mld_version": "0",
"net.ipv6.conf.docker0.force_tllao": "0",
"net.ipv6.conf.docker0.forwarding": "0",
"net.ipv6.conf.docker0.hop_limit": "64",
"net.ipv6.conf.docker0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.docker0.keep_addr_on_down": "0",
"net.ipv6.conf.docker0.max_addresses": "16",
"net.ipv6.conf.docker0.max_desync_factor": "600",
"net.ipv6.conf.docker0.mc_forwarding": "0",
```

"net.ipv6.conf.docker0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.docker0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.docker0.mtu": "1500",
"net.ipv6.conf.docker0.ndisc_notify": "0",
"net.ipv6.conf.docker0.ndisc_tclass": "0",
"net.ipv6.conf.docker0.proxy_ndp": "0",
"net.ipv6.conf.docker0.regen_max_retry": "3",
"net.ipv6.conf.docker0.router_probe_interval": "60",
"net.ipv6.conf.docker0.router_solicitation_delay": "1",
"net.ipv6.conf.docker0.router_solicitation_interval": "4",
"net.ipv6.conf.docker0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.docker0.router_solicitations": "-1",
"net.ipv6.conf.docker0.seg6_enabled": "0",
"net.ipv6.conf.docker0.seg6_require_hmac": "0",
"net.ipv6.conf.docker0.suppress_frag_ndisc": "1",
"net.ipv6.conf.docker0.temp_preferred_lft": "86400",
"net.ipv6.conf.docker0.temp_valid_lft": "604800",
"net.ipv6.conf.docker0.use_oif_addrs_only": "0",
"net.ipv6.conf.docker0.use_tempaddr": "2",
"net.ipv6.conf.eth0.accept_dad": "1",
"net.ipv6.conf.eth0.accept_ra": "0",
"net.ipv6.conf.eth0.accept_ra_defrtr": "1",
"net.ipv6.conf.eth0.accept_ra_from_local": "0",
"net.ipv6.conf.eth0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.eth0.accept_ra_mtu": "1",
"net.ipv6.conf.eth0.accept_ra_pinfo": "1",
"net.ipv6.conf.eth0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.eth0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.eth0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.eth0.accept_redirects": "1",
"net.ipv6.conf.eth0.accept_source_route": "0",
"net.ipv6.conf.eth0.addr_gen_mode": "1",
"net.ipv6.conf.eth0.autoconf": "1",

"net.ipv6.conf.eth0.dad_transmits": "1",
"net.ipv6.conf.eth0.disable_ipv6": "0",
"net.ipv6.conf.eth0.disable_policy": "0",
"net.ipv6.conf.eth0.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.eth0.drop_unsolicited_na": "0",
"net.ipv6.conf.eth0.enhanced_dad": "1",
"net.ipv6.conf.eth0.force_mld_version": "0",
"net.ipv6.conf.eth0.force_tllao": "0",
"net.ipv6.conf.eth0.forwarding": "0",
"net.ipv6.conf.eth0.hop_limit": "64",
"net.ipv6.conf.eth0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.eth0.keep_addr_on_down": "0",
"net.ipv6.conf.eth0.max_addresses": "16",
"net.ipv6.conf.eth0.max_desync_factor": "600",
"net.ipv6.conf.eth0.mc_forwarding": "0",
"net.ipv6.conf.eth0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.eth0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.eth0.mtu": "1500",
"net.ipv6.conf.eth0.ndisc_notify": "0",
"net.ipv6.conf.eth0.ndisc_tcclass": "0",
"net.ipv6.conf.eth0.proxy_ndp": "0",
"net.ipv6.conf.eth0.regen_max_retry": "3",
"net.ipv6.conf.eth0.router_probe_interval": "60",
"net.ipv6.conf.eth0.router_solicitation_delay": "1",
"net.ipv6.conf.eth0.router_solicitation_interval": "4",
"net.ipv6.conf.eth0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.eth0.router_solicitations": "-1",
"net.ipv6.conf.eth0.seg6_enabled": "0",
"net.ipv6.conf.eth0.seg6_require_hmac": "0",
"net.ipv6.conf.eth0.suppress_frag_ndisc": "1",
"net.ipv6.conf.eth0.temp_prefered_lft": "86400",
"net.ipv6.conf.eth0.temp_valid_lft": "604800",
"net.ipv6.conf.eth0.use_oif_addrs_only": "0",

```
"net.ipv6.conf.eth0.use_tempaddr": "0",
"net.ipv6.conf.lo.accept_dad": "-1",
"net.ipv6.conf.lo.accept_ra": "1",
"net.ipv6.conf.lo.accept_ra_defrtr": "1",
"net.ipv6.conf.lo.accept_ra_from_local": "0",
"net.ipv6.conf.lo.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.lo.accept_ra_mtu": "1",
"net.ipv6.conf.lo.accept_ra_pinfo": "1",
"net.ipv6.conf.lo.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.lo.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.lo.accept_ra_rtr_pref": "1",
"net.ipv6.conf.lo.accept_redirects": "1",
"net.ipv6.conf.lo.accept_source_route": "0",
"net.ipv6.conf.lo.addr_gen_mode": "0",
"net.ipv6.conf.lo.autoconf": "1",
"net.ipv6.conf.lo.dad_transmits": "1",
"net.ipv6.conf.lo.disable_ipv6": "0",
"net.ipv6.conf.lo.disable_policy": "0",
"net.ipv6.conf.lo.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.lo.drop_unsolicited_na": "0",
"net.ipv6.conf.lo.enhanced_dad": "1",
"net.ipv6.conf.lo.force_mld_version": "0",
"net.ipv6.conf.lo.force_tllao": "0",
"net.ipv6.conf.lo.forwarding": "0",
"net.ipv6.conf.lo.hop_limit": "64",
"net.ipv6.conf.lo.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.lo.keep_addr_on_down": "0",
"net.ipv6.conf.lo.max_addresses": "16",
"net.ipv6.conf.lo.max_desync_factor": "600",
"net.ipv6.conf.lo.mc_forwarding": "0",
"net.ipv6.conf.lo.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.lo.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.lo.mtu": "65536",
```

```
"net.ipv6.conf.lo.ndisc_notify": "0",
"net.ipv6.conf.lo.ndisc_tclass": "0",
"net.ipv6.conf.lo.proxy_ndp": "0",
"net.ipv6.conf.lo.regen_max_retry": "3",
"net.ipv6.conf.lo.router_probe_interval": "60",
"net.ipv6.conf.lo.router_solicitation_delay": "1",
"net.ipv6.conf.lo.router_solicitation_interval": "4",
"net.ipv6.conf.lo.router_solicitation_max_interval": "3600",
"net.ipv6.conf.lo.router_solicitations": "-1",
"net.ipv6.conf.lo.seg6_enabled": "0",
"net.ipv6.conf.lo.seg6_require_hmac": "0",
"net.ipv6.conf.lo.suppress_frag_ndisc": "1",
"net.ipv6.conf.lo.temp_prefered_lft": "86400",
"net.ipv6.conf.lo.temp_valid_lft": "604800",
"net.ipv6.conf.lo.use_oif_addrs_only": "0",
"net.ipv6.conf.lo.use_tempaddr": "-1",
"net.ipv6.conf.tun0.accept_dad": "-1",
"net.ipv6.conf.tun0.accept_ra": "1",
"net.ipv6.conf.tun0.accept_ra_defrtr": "1",
"net.ipv6.conf.tun0.accept_ra_from_local": "0",
"net.ipv6.conf.tun0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.tun0.accept_ra_mtu": "1",
"net.ipv6.conf.tun0.accept_ra_pinfo": "1",
"net.ipv6.conf.tun0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.tun0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.tun0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.tun0.accept_redirects": "1",
"net.ipv6.conf.tun0.accept_source_route": "0",
"net.ipv6.conf.tun0.addr_gen_mode": "3",
"net.ipv6.conf.tun0.autoconf": "1",
"net.ipv6.conf.tun0.dad_transmits": "1",
"net.ipv6.conf.tun0.disable_ipv6": "0",
"net.ipv6.conf.tun0.disable_policy": "0",
```

"net.ipv6.conf.tun0.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.tun0.drop_unsolicited_na": "0",
"net.ipv6.conf.tun0.enhanced_dad": "1",
"net.ipv6.conf.tun0.force_mld_version": "0",
"net.ipv6.conf.tun0.force_tllao": "0",
"net.ipv6.conf.tun0.forwarding": "0",
"net.ipv6.conf.tun0.hop_limit": "64",
"net.ipv6.conf.tun0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.tun0.keep_addr_on_down": "0",
"net.ipv6.conf.tun0.max_addresses": "16",
"net.ipv6.conf.tun0.max_desync_factor": "600",
"net.ipv6.conf.tun0.mc_forwarding": "0",
"net.ipv6.conf.tun0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.tun0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.tun0.mtu": "1500",
"net.ipv6.conf.tun0.ndisc_notify": "0",
"net.ipv6.conf.tun0.ndisc_tclass": "0",
"net.ipv6.conf.tun0.proxy_ndp": "0",
"net.ipv6.conf.tun0.regen_max_retry": "3",
"net.ipv6.conf.tun0.router_probe_interval": "60",
"net.ipv6.conf.tun0.router_solicitation_delay": "1",
"net.ipv6.conf.tun0.router_solicitation_interval": "4",
"net.ipv6.conf.tun0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.tun0.router_solicitations": "-1",
"net.ipv6.conf.tun0.seg6_enabled": "0",
"net.ipv6.conf.tun0.seg6_require_hmac": "0",
"net.ipv6.conf.tun0.suppress_frag_ndisc": "1",
"net.ipv6.conf.tun0.temp_prefered_lft": "86400",
"net.ipv6.conf.tun0.temp_valid_lft": "604800",
"net.ipv6.conf.tun0.use_oif_addrs_only": "0",
"net.ipv6.conf.tun0.use_tempaddr": "-1",
"net.ipv6.conf.vboxnet0.accept_dad": "1",
"net.ipv6.conf.vboxnet0.accept_ra": "1",

"net.ipv6.conf.vboxnet0.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet0.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet0.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet0.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet0.accept_redirects": "1",
"net.ipv6.conf.vboxnet0.accept_source_route": "0",
"net.ipv6.conf.vboxnet0.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet0.autoconf": "1",
"net.ipv6.conf.vboxnet0.dad_transmits": "1",
"net.ipv6.conf.vboxnet0.disable_ipv6": "0",
"net.ipv6.conf.vboxnet0.disable_policy": "0",
"net.ipv6.conf.vboxnet0.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet0.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet0.enhanced_dad": "1",
"net.ipv6.conf.vboxnet0.force_mld_version": "0",
"net.ipv6.conf.vboxnet0.force_tllao": "0",
"net.ipv6.conf.vboxnet0.forwarding": "0",
"net.ipv6.conf.vboxnet0.hop_limit": "64",
"net.ipv6.conf.vboxnet0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet0.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet0.max_addresses": "16",
"net.ipv6.conf.vboxnet0.max_desync_factor": "600",
"net.ipv6.conf.vboxnet0.mc_forwarding": "0",
"net.ipv6.conf.vboxnet0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet0.mtu": "1500",
"net.ipv6.conf.vboxnet0.ndisc_notify": "0",
"net.ipv6.conf.vboxnet0.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet0.proxy_ndp": "0",

```
"net.ipv6.conf.vboxnet0.regen_max_retry": "3",
"net.ipv6.conf.vboxnet0.router_probe_interval": "60",
"net.ipv6.conf.vboxnet0.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet0.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet0.router_solicitations": "-1",
"net.ipv6.conf.vboxnet0.seg6_enabled": "0",
"net.ipv6.conf.vboxnet0.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet0.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet0.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet0.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet0.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet0.use_tempaddr": "2",
"net.ipv6.conf.vboxnet1.accept_dad": "1",
"net.ipv6.conf.vboxnet1.accept_ra": "1",
"net.ipv6.conf.vboxnet1.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet1.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet1.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet1.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet1.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet1.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet1.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet1.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet1.accept_redirects": "1",
"net.ipv6.conf.vboxnet1.accept_source_route": "0",
"net.ipv6.conf.vboxnet1.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet1.autoconf": "1",
"net.ipv6.conf.vboxnet1.dad_transmits": "1",
"net.ipv6.conf.vboxnet1.disable_ipv6": "0",
"net.ipv6.conf.vboxnet1.disable_policy": "0",
"net.ipv6.conf.vboxnet1.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet1.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet1.enhanced_dad": "1",
```

"net.ipv6.conf.vboxnet1.force_mld_version": "0",
"net.ipv6.conf.vboxnet1.force_tllao": "0",
"net.ipv6.conf.vboxnet1.forwarding": "0",
"net.ipv6.conf.vboxnet1.hop_limit": "64",
"net.ipv6.conf.vboxnet1.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet1.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet1.max_addresses": "16",
"net.ipv6.conf.vboxnet1.max_desync_factor": "600",
"net.ipv6.conf.vboxnet1.mc_forwarding": "0",
"net.ipv6.conf.vboxnet1.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet1.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet1.mtu": "1500",
"net.ipv6.conf.vboxnet1.ndisc_notify": "0",
"net.ipv6.conf.vboxnet1.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet1.proxy_ndp": "0",
"net.ipv6.conf.vboxnet1.regen_max_retry": "3",
"net.ipv6.conf.vboxnet1.router_probe_interval": "60",
"net.ipv6.conf.vboxnet1.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet1.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet1.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet1.router_solicitations": "-1",
"net.ipv6.conf.vboxnet1.seg6_enabled": "0",
"net.ipv6.conf.vboxnet1.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet1.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet1.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet1.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet1.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet1.use_tempaddr": "2",
"net.ipv6.conf.vboxnet10.accept_dad": "1",
"net.ipv6.conf.vboxnet10.accept_ra": "1",
"net.ipv6.conf.vboxnet10.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet10.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet10.accept_ra_min_hop_limit": "1",

"net.ipv6.conf.vboxnet10.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet10.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet10.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet10.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet10.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet10.accept_redirects": "1",
"net.ipv6.conf.vboxnet10.accept_source_route": "0",
"net.ipv6.conf.vboxnet10.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet10.autoconf": "1",
"net.ipv6.conf.vboxnet10.dad_transmits": "1",
"net.ipv6.conf.vboxnet10.disable_ipv6": "0",
"net.ipv6.conf.vboxnet10.disable_policy": "0",
"net.ipv6.conf.vboxnet10.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet10.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet10.enhanced_dad": "1",
"net.ipv6.conf.vboxnet10.force_mld_version": "0",
"net.ipv6.conf.vboxnet10.force_tllao": "0",
"net.ipv6.conf.vboxnet10.forwarding": "0",
"net.ipv6.conf.vboxnet10.hop_limit": "64",
"net.ipv6.conf.vboxnet10.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet10.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet10.max_addresses": "16",
"net.ipv6.conf.vboxnet10.max_desync_factor": "600",
"net.ipv6.conf.vboxnet10.mc_forwarding": "0",
"net.ipv6.conf.vboxnet10.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet10.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet10.mtu": "1500",
"net.ipv6.conf.vboxnet10.ndisc_notify": "0",
"net.ipv6.conf.vboxnet10.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet10.proxy_ndp": "0",
"net.ipv6.conf.vboxnet10.regen_max_retry": "3",
"net.ipv6.conf.vboxnet10.router_probe_interval": "60",
"net.ipv6.conf.vboxnet10.router_solicitation_delay": "1",

"net.ipv6.conf.vboxnet10.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet10.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet10.router_solicitations": "-1",
"net.ipv6.conf.vboxnet10.seg6_enabled": "0",
"net.ipv6.conf.vboxnet10.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet10.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet10.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet10.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet10.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet10.use_tempaddr": "2",
"net.ipv6.conf.vboxnet11.accept_dad": "1",
"net.ipv6.conf.vboxnet11.accept_ra": "1",
"net.ipv6.conf.vboxnet11.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet11.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet11.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet11.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet11.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet11.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet11.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet11.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet11.accept_redirects": "1",
"net.ipv6.conf.vboxnet11.accept_source_route": "0",
"net.ipv6.conf.vboxnet11.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet11.autoconf": "1",
"net.ipv6.conf.vboxnet11.dad_transmits": "1",
"net.ipv6.conf.vboxnet11.disable_ipv6": "0",
"net.ipv6.conf.vboxnet11.disable_policy": "0",
"net.ipv6.conf.vboxnet11.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet11.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet11.enhanced_dad": "1",
"net.ipv6.conf.vboxnet11.force_mld_version": "0",
"net.ipv6.conf.vboxnet11.force_tllao": "0",
"net.ipv6.conf.vboxnet11.forwarding": "0",

```
"net.ipv6.conf.vboxnet11.hop_limit": "64",
"net.ipv6.conf.vboxnet11.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet11.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet11.max_addresses": "16",
"net.ipv6.conf.vboxnet11.max_desync_factor": "600",
"net.ipv6.conf.vboxnet11.mc_forwarding": "0",
"net.ipv6.conf.vboxnet11.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet11.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet11.mtu": "1500",
"net.ipv6.conf.vboxnet11.ndisc_notify": "0",
"net.ipv6.conf.vboxnet11.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet11.proxy_ndp": "0",
"net.ipv6.conf.vboxnet11.regen_max_retry": "3",
"net.ipv6.conf.vboxnet11.router_probe_interval": "60",
"net.ipv6.conf.vboxnet11.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet11.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet11.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet11.router_solicitations": "-1",
"net.ipv6.conf.vboxnet11.seg6_enabled": "0",
"net.ipv6.conf.vboxnet11.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet11.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet11.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet11.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet11.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet11.use_tempaddr": "2",
"net.ipv6.conf.vboxnet12.accept_dad": "1",
"net.ipv6.conf.vboxnet12.accept_ra": "1",
"net.ipv6.conf.vboxnet12.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet12.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet12.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet12.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet12.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet12.accept_ra_rt_info_max_plen": "0",
```

"net.ipv6.conf.vboxnet12.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet12.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet12.accept_redirects": "1",
"net.ipv6.conf.vboxnet12.accept_source_route": "0",
"net.ipv6.conf.vboxnet12.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet12.autoconf": "1",
"net.ipv6.conf.vboxnet12.dad_transmits": "1",
"net.ipv6.conf.vboxnet12.disable_ipv6": "0",
"net.ipv6.conf.vboxnet12.disable_policy": "0",
"net.ipv6.conf.vboxnet12.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet12.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet12.enhanced_dad": "1",
"net.ipv6.conf.vboxnet12.force_mld_version": "0",
"net.ipv6.conf.vboxnet12.force_tllao": "0",
"net.ipv6.conf.vboxnet12.forwarding": "0",
"net.ipv6.conf.vboxnet12.hop_limit": "64",
"net.ipv6.conf.vboxnet12.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet12.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet12.max_addresses": "16",
"net.ipv6.conf.vboxnet12.max_desync_factor": "600",
"net.ipv6.conf.vboxnet12.mc_forwarding": "0",
"net.ipv6.conf.vboxnet12.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet12.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet12.mtu": "1500",
"net.ipv6.conf.vboxnet12.ndisc_notify": "0",
"net.ipv6.conf.vboxnet12.ndisc_tcclass": "0",
"net.ipv6.conf.vboxnet12.proxy_ndp": "0",
"net.ipv6.conf.vboxnet12.regen_max_retry": "3",
"net.ipv6.conf.vboxnet12.router_probe_interval": "60",
"net.ipv6.conf.vboxnet12.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet12.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet12.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet12.router_solicitations": "-1",

"net.ipv6.conf.vboxnet12.seg6_enabled": "0",
"net.ipv6.conf.vboxnet12.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet12.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet12.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet12.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet12.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet12.use_tempaddr": "2",
"net.ipv6.conf.vboxnet13.accept_dad": "1",
"net.ipv6.conf.vboxnet13.accept_ra": "1",
"net.ipv6.conf.vboxnet13.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet13.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet13.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet13.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet13.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet13.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet13.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet13.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet13.accept_redirects": "1",
"net.ipv6.conf.vboxnet13.accept_source_route": "0",
"net.ipv6.conf.vboxnet13.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet13.autoconf": "1",
"net.ipv6.conf.vboxnet13.dad_transmits": "1",
"net.ipv6.conf.vboxnet13.disable_ipv6": "0",
"net.ipv6.conf.vboxnet13.disable_policy": "0",
"net.ipv6.conf.vboxnet13.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet13.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet13.enhanced_dad": "1",
"net.ipv6.conf.vboxnet13.force_mld_version": "0",
"net.ipv6.conf.vboxnet13.force_tllao": "0",
"net.ipv6.conf.vboxnet13.forwarding": "0",
"net.ipv6.conf.vboxnet13.hop_limit": "64",
"net.ipv6.conf.vboxnet13.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet13.keep_addr_on_down": "0",

"net.ipv6.conf.vboxnet13.max_addresses": "16",
"net.ipv6.conf.vboxnet13.max_desync_factor": "600",
"net.ipv6.conf.vboxnet13.mc_forwarding": "0",
"net.ipv6.conf.vboxnet13.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet13.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet13.mtu": "1500",
"net.ipv6.conf.vboxnet13.ndisc_notify": "0",
"net.ipv6.conf.vboxnet13.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet13.proxy_ndp": "0",
"net.ipv6.conf.vboxnet13.regen_max_retry": "3",
"net.ipv6.conf.vboxnet13.router_probe_interval": "60",
"net.ipv6.conf.vboxnet13.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet13.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet13.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet13.router_solicitations": "-1",
"net.ipv6.conf.vboxnet13.seg6_enabled": "0",
"net.ipv6.conf.vboxnet13.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet13.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet13.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet13.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet13.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet13.use_tempaddr": "2",
"net.ipv6.conf.vboxnet2.accept_dad": "1",
"net.ipv6.conf.vboxnet2.accept_ra": "1",
"net.ipv6.conf.vboxnet2.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet2.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet2.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet2.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet2.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet2.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet2.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet2.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet2.accept_redirects": "1",

"net.ipv6.conf.vboxnet2.accept_source_route": "0",
"net.ipv6.conf.vboxnet2.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet2.autoconf": "1",
"net.ipv6.conf.vboxnet2.dad_transmits": "1",
"net.ipv6.conf.vboxnet2.disable_ipv6": "0",
"net.ipv6.conf.vboxnet2.disable_policy": "0",
"net.ipv6.conf.vboxnet2.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.vboxnet2.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet2.enhanced_dad": "1",
"net.ipv6.conf.vboxnet2.force_mld_version": "0",
"net.ipv6.conf.vboxnet2.force_tllao": "0",
"net.ipv6.conf.vboxnet2.forwarding": "0",
"net.ipv6.conf.vboxnet2.hop_limit": "64",
"net.ipv6.conf.vboxnet2.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet2.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet2.max_addresses": "16",
"net.ipv6.conf.vboxnet2.max_desync_factor": "600",
"net.ipv6.conf.vboxnet2.mc_forwarding": "0",
"net.ipv6.conf.vboxnet2.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet2.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet2.mtu": "1500",
"net.ipv6.conf.vboxnet2.ndisc_notify": "0",
"net.ipv6.conf.vboxnet2.ndisc_tcclass": "0",
"net.ipv6.conf.vboxnet2.proxy_ndp": "0",
"net.ipv6.conf.vboxnet2.regen_max_retry": "3",
"net.ipv6.conf.vboxnet2.router_probe_interval": "60",
"net.ipv6.conf.vboxnet2.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet2.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet2.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet2.router_solicitations": "-1",
"net.ipv6.conf.vboxnet2.seg6_enabled": "0",
"net.ipv6.conf.vboxnet2.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet2.suppress_frag_ndisc": "1",

"net.ipv6.conf.vboxnet2.temp_preferred_lft": "86400",
"net.ipv6.conf.vboxnet2.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet2.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet2.use_tempaddr": "2",
"net.ipv6.conf.vboxnet3.accept_dad": "1",
"net.ipv6.conf.vboxnet3.accept_ra": "1",
"net.ipv6.conf.vboxnet3.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet3.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet3.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet3.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet3.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet3.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet3.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet3.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet3.accept_redirects": "1",
"net.ipv6.conf.vboxnet3.accept_source_route": "0",
"net.ipv6.conf.vboxnet3.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet3.autoconf": "1",
"net.ipv6.conf.vboxnet3.dad_transmits": "1",
"net.ipv6.conf.vboxnet3.disable_ipv6": "0",
"net.ipv6.conf.vboxnet3.disable_policy": "0",
"net.ipv6.conf.vboxnet3.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet3.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet3.enhanced_dad": "1",
"net.ipv6.conf.vboxnet3.force_mld_version": "0",
"net.ipv6.conf.vboxnet3.force_tllao": "0",
"net.ipv6.conf.vboxnet3.forwarding": "0",
"net.ipv6.conf.vboxnet3.hop_limit": "64",
"net.ipv6.conf.vboxnet3.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet3.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet3.max_addresses": "16",
"net.ipv6.conf.vboxnet3.max_desync_factor": "600",
"net.ipv6.conf.vboxnet3.mc_forwarding": "0",

"net.ipv6.conf.vboxnet3.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet3.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet3.mtu": "1500",
"net.ipv6.conf.vboxnet3.ndisc_notify": "0",
"net.ipv6.conf.vboxnet3.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet3.proxy_ndp": "0",
"net.ipv6.conf.vboxnet3.regen_max_retry": "3",
"net.ipv6.conf.vboxnet3.router_probe_interval": "60",
"net.ipv6.conf.vboxnet3.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet3.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet3.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet3.router_solicitations": "-1",
"net.ipv6.conf.vboxnet3.seg6_enabled": "0",
"net.ipv6.conf.vboxnet3.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet3.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet3.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet3.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet3.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet3.use_tempaddr": "2",
"net.ipv6.conf.vboxnet4.accept_dad": "1",
"net.ipv6.conf.vboxnet4.accept_ra": "1",
"net.ipv6.conf.vboxnet4.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet4.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet4.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet4.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet4.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet4.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet4.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet4.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet4.accept_redirects": "1",
"net.ipv6.conf.vboxnet4.accept_source_route": "0",
"net.ipv6.conf.vboxnet4.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet4.autoconf": "1",

"net.ipv6.conf.vboxnet4.dad_transmits": "1",
"net.ipv6.conf.vboxnet4.disable_ipv6": "0",
"net.ipv6.conf.vboxnet4.disable_policy": "0",
"net.ipv6.conf.vboxnet4.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet4.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet4.enhanced_dad": "1",
"net.ipv6.conf.vboxnet4.force_mld_version": "0",
"net.ipv6.conf.vboxnet4.force_tllao": "0",
"net.ipv6.conf.vboxnet4.forwarding": "0",
"net.ipv6.conf.vboxnet4.hop_limit": "64",
"net.ipv6.conf.vboxnet4.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet4.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet4.max_addresses": "16",
"net.ipv6.conf.vboxnet4.max_desync_factor": "600",
"net.ipv6.conf.vboxnet4.mc_forwarding": "0",
"net.ipv6.conf.vboxnet4.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet4.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet4.mtu": "1500",
"net.ipv6.conf.vboxnet4.ndisc_notify": "0",
"net.ipv6.conf.vboxnet4.ndisc_tcclass": "0",
"net.ipv6.conf.vboxnet4.proxy_ndp": "0",
"net.ipv6.conf.vboxnet4.regen_max_retry": "3",
"net.ipv6.conf.vboxnet4.router_probe_interval": "60",
"net.ipv6.conf.vboxnet4.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet4.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet4.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet4.router_solicitations": "-1",
"net.ipv6.conf.vboxnet4.seg6_enabled": "0",
"net.ipv6.conf.vboxnet4.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet4.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet4.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet4.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet4.use_oif_addrs_only": "0",

"net.ipv6.conf.vboxnet4.use_tempaddr": "2",
"net.ipv6.conf.vboxnet5.accept_dad": "1",
"net.ipv6.conf.vboxnet5.accept_ra": "1",
"net.ipv6.conf.vboxnet5.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet5.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet5.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet5.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet5.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet5.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet5.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet5.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet5.accept_redirects": "1",
"net.ipv6.conf.vboxnet5.accept_source_route": "0",
"net.ipv6.conf.vboxnet5.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet5.autoconf": "1",
"net.ipv6.conf.vboxnet5.dad_transmits": "1",
"net.ipv6.conf.vboxnet5.disable_ipv6": "0",
"net.ipv6.conf.vboxnet5.disable_policy": "0",
"net.ipv6.conf.vboxnet5.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet5.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet5.enhanced_dad": "1",
"net.ipv6.conf.vboxnet5.force_mld_version": "0",
"net.ipv6.conf.vboxnet5.force_tllao": "0",
"net.ipv6.conf.vboxnet5.forwarding": "0",
"net.ipv6.conf.vboxnet5.hop_limit": "64",
"net.ipv6.conf.vboxnet5.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet5.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet5.max_addresses": "16",
"net.ipv6.conf.vboxnet5.max_desync_factor": "600",
"net.ipv6.conf.vboxnet5.mc_forwarding": "0",
"net.ipv6.conf.vboxnet5.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet5.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet5.mtu": "1500",

"net.ipv6.conf.vboxnet5.ndisc_notify": "0",
"net.ipv6.conf.vboxnet5.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet5.proxy_ndp": "0",
"net.ipv6.conf.vboxnet5.regen_max_retry": "3",
"net.ipv6.conf.vboxnet5.router_probe_interval": "60",
"net.ipv6.conf.vboxnet5.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet5.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet5.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet5.router_solicitations": "-1",
"net.ipv6.conf.vboxnet5.seg6_enabled": "0",
"net.ipv6.conf.vboxnet5.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet5.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet5.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet5.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet5.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet5.use_tempaddr": "2",
"net.ipv6.conf.vboxnet6.accept_dad": "1",
"net.ipv6.conf.vboxnet6.accept_ra": "1",
"net.ipv6.conf.vboxnet6.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet6.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet6.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet6.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet6.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet6.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet6.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet6.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet6.accept_redirects": "1",
"net.ipv6.conf.vboxnet6.accept_source_route": "0",
"net.ipv6.conf.vboxnet6.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet6.autoconf": "1",
"net.ipv6.conf.vboxnet6.dad_transmits": "1",
"net.ipv6.conf.vboxnet6.disable_ipv6": "0",
"net.ipv6.conf.vboxnet6.disable_policy": "0",

"net.ipv6.conf.vboxnet6.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet6.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet6.enhanced_dad": "1",
"net.ipv6.conf.vboxnet6.force_mld_version": "0",
"net.ipv6.conf.vboxnet6.force_tllao": "0",
"net.ipv6.conf.vboxnet6.forwarding": "0",
"net.ipv6.conf.vboxnet6.hop_limit": "64",
"net.ipv6.conf.vboxnet6.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet6.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet6.max_addresses": "16",
"net.ipv6.conf.vboxnet6.max_desync_factor": "600",
"net.ipv6.conf.vboxnet6.mc_forwarding": "0",
"net.ipv6.conf.vboxnet6.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet6.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet6.mtu": "1500",
"net.ipv6.conf.vboxnet6.ndisc_notify": "0",
"net.ipv6.conf.vboxnet6.ndisc_tcclass": "0",
"net.ipv6.conf.vboxnet6.proxy_ndp": "0",
"net.ipv6.conf.vboxnet6.regen_max_retry": "3",
"net.ipv6.conf.vboxnet6.router_probe_interval": "60",
"net.ipv6.conf.vboxnet6.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet6.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet6.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet6.router_solicitations": "-1",
"net.ipv6.conf.vboxnet6.seg6_enabled": "0",
"net.ipv6.conf.vboxnet6.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet6.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet6.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet6.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet6.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet6.use_tempaddr": "2",
"net.ipv6.conf.vboxnet7.accept_dad": "1",
"net.ipv6.conf.vboxnet7.accept_ra": "1",

"net.ipv6.conf.vboxnet7.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet7.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet7.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet7.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet7.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet7.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet7.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet7.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet7.accept_redirects": "1",
"net.ipv6.conf.vboxnet7.accept_source_route": "0",
"net.ipv6.conf.vboxnet7.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet7.autoconf": "1",
"net.ipv6.conf.vboxnet7.dad_transmits": "1",
"net.ipv6.conf.vboxnet7.disable_ipv6": "0",
"net.ipv6.conf.vboxnet7.disable_policy": "0",
"net.ipv6.conf.vboxnet7.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet7.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet7.enhanced_dad": "1",
"net.ipv6.conf.vboxnet7.force_mld_version": "0",
"net.ipv6.conf.vboxnet7.force_tllao": "0",
"net.ipv6.conf.vboxnet7.forwarding": "0",
"net.ipv6.conf.vboxnet7.hop_limit": "64",
"net.ipv6.conf.vboxnet7.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet7.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet7.max_addresses": "16",
"net.ipv6.conf.vboxnet7.max_desync_factor": "600",
"net.ipv6.conf.vboxnet7.mc_forwarding": "0",
"net.ipv6.conf.vboxnet7.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet7.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet7.mtu": "1500",
"net.ipv6.conf.vboxnet7.ndisc_notify": "0",
"net.ipv6.conf.vboxnet7.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet7.proxy_ndp": "0",

```
"net.ipv6.conf.vboxnet7.regen_max_retry": "3",
"net.ipv6.conf.vboxnet7.router_probe_interval": "60",
"net.ipv6.conf.vboxnet7.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet7.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet7.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet7.router_solicitations": "-1",
"net.ipv6.conf.vboxnet7.seg6_enabled": "0",
"net.ipv6.conf.vboxnet7.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet7.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet7.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet7.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet7.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet7.use_tempaddr": "2",
"net.ipv6.conf.vboxnet8.accept_dad": "1",
"net.ipv6.conf.vboxnet8.accept_ra": "1",
"net.ipv6.conf.vboxnet8.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet8.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet8.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet8.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet8.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet8.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet8.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet8.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet8.accept_redirects": "1",
"net.ipv6.conf.vboxnet8.accept_source_route": "0",
"net.ipv6.conf.vboxnet8.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet8.autoconf": "1",
"net.ipv6.conf.vboxnet8.dad_transmits": "1",
"net.ipv6.conf.vboxnet8.disable_ipv6": "0",
"net.ipv6.conf.vboxnet8.disable_policy": "0",
"net.ipv6.conf.vboxnet8.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet8.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet8.enhanced_dad": "1",
```

"net.ipv6.conf.vboxnet8.force_mld_version": "0",
"net.ipv6.conf.vboxnet8.force_tllao": "0",
"net.ipv6.conf.vboxnet8.forwarding": "0",
"net.ipv6.conf.vboxnet8.hop_limit": "64",
"net.ipv6.conf.vboxnet8.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet8.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet8.max_addresses": "16",
"net.ipv6.conf.vboxnet8.max_desync_factor": "600",
"net.ipv6.conf.vboxnet8.mc_forwarding": "0",
"net.ipv6.conf.vboxnet8.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet8.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet8.mtu": "1500",
"net.ipv6.conf.vboxnet8.ndisc_notify": "0",
"net.ipv6.conf.vboxnet8.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet8.proxy_ndp": "0",
"net.ipv6.conf.vboxnet8.regen_max_retry": "3",
"net.ipv6.conf.vboxnet8.router_probe_interval": "60",
"net.ipv6.conf.vboxnet8.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet8.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet8.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet8.router_solicitations": "-1",
"net.ipv6.conf.vboxnet8.seg6_enabled": "0",
"net.ipv6.conf.vboxnet8.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet8.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet8.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet8.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet8.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet8.use_tempaddr": "2",
"net.ipv6.conf.vboxnet9.accept_dad": "1",
"net.ipv6.conf.vboxnet9.accept_ra": "1",
"net.ipv6.conf.vboxnet9.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet9.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet9.accept_ra_min_hop_limit": "1",

"net.ipv6.conf.vboxnet9.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet9.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet9.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet9.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet9.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet9.accept_redirects": "1",
"net.ipv6.conf.vboxnet9.accept_source_route": "0",
"net.ipv6.conf.vboxnet9.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet9.autoconf": "1",
"net.ipv6.conf.vboxnet9.dad_transmits": "1",
"net.ipv6.conf.vboxnet9.disable_ipv6": "0",
"net.ipv6.conf.vboxnet9.disable_policy": "0",
"net.ipv6.conf.vboxnet9.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.vboxnet9.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet9.enhanced_dad": "1",
"net.ipv6.conf.vboxnet9.force_mld_version": "0",
"net.ipv6.conf.vboxnet9.force_tllao": "0",
"net.ipv6.conf.vboxnet9.forwarding": "0",
"net.ipv6.conf.vboxnet9.hop_limit": "64",
"net.ipv6.conf.vboxnet9.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet9.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet9.max_addresses": "16",
"net.ipv6.conf.vboxnet9.max_desync_factor": "600",
"net.ipv6.conf.vboxnet9.mc_forwarding": "0",
"net.ipv6.conf.vboxnet9.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet9.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet9.mtu": "1500",
"net.ipv6.conf.vboxnet9.ndisc_notify": "0",
"net.ipv6.conf.vboxnet9.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet9.proxy_ndp": "0",
"net.ipv6.conf.vboxnet9.regen_max_retry": "3",
"net.ipv6.conf.vboxnet9.router_probe_interval": "60",
"net.ipv6.conf.vboxnet9.router_solicitation_delay": "1",

```
"net.ipv6.conf.vboxnet9.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet9.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet9.router_solicitations": "-1",
"net.ipv6.conf.vboxnet9.seg6_enabled": "0",
"net.ipv6.conf.vboxnet9.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet9.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet9.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet9.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet9.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet9.use_tempaddr": "2",
"net.ipv6.conf.virbr0-nic.accept_dad": "1",
"net.ipv6.conf.virbr0-nic.accept_ra": "1",
"net.ipv6.conf.virbr0-nic.accept_ra_defrtr": "1",
"net.ipv6.conf.virbr0-nic.accept_ra_from_local": "0",
"net.ipv6.conf.virbr0-nic.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.virbr0-nic.accept_ra_mtu": "1",
"net.ipv6.conf.virbr0-nic.accept_ra_pinfo": "1",
"net.ipv6.conf.virbr0-nic.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.virbr0-nic.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.virbr0-nic.accept_ra_rtr_pref": "1",
"net.ipv6.conf.virbr0-nic.accept_redirects": "1",
"net.ipv6.conf.virbr0-nic.accept_source_route": "0",
"net.ipv6.conf.virbr0-nic.addr_gen_mode": "0",
"net.ipv6.conf.virbr0-nic.autoconf": "1",
"net.ipv6.conf.virbr0-nic.dad_transmits": "1",
"net.ipv6.conf.virbr0-nic.disable_ipv6": "0",
"net.ipv6.conf.virbr0-nic.disable_policy": "0",
"net.ipv6.conf.virbr0-nic.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.virbr0-nic.drop_unsolicited_na": "0",
"net.ipv6.conf.virbr0-nic.enhanced_dad": "1",
"net.ipv6.conf.virbr0-nic.force_mld_version": "0",
"net.ipv6.conf.virbr0-nic.force_tllao": "0",
"net.ipv6.conf.virbr0-nic.forwarding": "0",
```

```
"net.ipv6.conf.virbr0-nic.hop_limit": "64",
"net.ipv6.conf.virbr0-nic.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.virbr0-nic.keep_addr_on_down": "0",
"net.ipv6.conf.virbr0-nic.max_addresses": "16",
"net.ipv6.conf.virbr0-nic.max_desync_factor": "600",
"net.ipv6.conf.virbr0-nic.mc_forwarding": "0",
"net.ipv6.conf.virbr0-nic.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.virbr0-nic.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.virbr0-nic.mtu": "1500",
"net.ipv6.conf.virbr0-nic.ndisc_notify": "0",
"net.ipv6.conf.virbr0-nic.ndisc_tclass": "0",
"net.ipv6.conf.virbr0-nic.proxy_ndp": "0",
"net.ipv6.conf.virbr0-nic.regen_max_retry": "3",
"net.ipv6.conf.virbr0-nic.router_probe_interval": "60",
"net.ipv6.conf.virbr0-nic.router_solicitation_delay": "1",
"net.ipv6.conf.virbr0-nic.router_solicitation_interval": "4",
"net.ipv6.conf.virbr0-nic.router_solicitation_max_interval": "3600",
"net.ipv6.conf.virbr0-nic.router_solicitations": "-1",
"net.ipv6.conf.virbr0-nic.seg6_enabled": "0",
"net.ipv6.conf.virbr0-nic.seg6_require_hmac": "0",
"net.ipv6.conf.virbr0-nic.suppress_frag_ndisc": "1",
"net.ipv6.conf.virbr0-nic.temp_prefered_lft": "86400",
"net.ipv6.conf.virbr0-nic.temp_valid_lft": "604800",
"net.ipv6.conf.virbr0-nic.use_oif_addrs_only": "0",
"net.ipv6.conf.virbr0-nic.use_tempaddr": "2",
"net.ipv6.conf.virbr0.accept_dad": "1",
"net.ipv6.conf.virbr0.accept_ra": "0",
"net.ipv6.conf.virbr0.accept_ra_defrtr": "1",
"net.ipv6.conf.virbr0.accept_ra_from_local": "0",
"net.ipv6.conf.virbr0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.virbr0.accept_ra_mtu": "1",
"net.ipv6.conf.virbr0.accept_ra_pinfo": "1",
"net.ipv6.conf.virbr0.accept_ra_rt_info_max_plen": "0",
```

"net.ipv6.conf.virbr0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.virbr0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.virbr0.accept_redirects": "1",
"net.ipv6.conf.virbr0.accept_source_route": "0",
"net.ipv6.conf.virbr0.addr_gen_mode": "0",
"net.ipv6.conf.virbr0.autoconf": "0",
"net.ipv6.conf.virbr0.dad_transmits": "1",
"net.ipv6.conf.virbr0.disable_ipv6": "1",
"net.ipv6.conf.virbr0.disable_policy": "0",
"net.ipv6.conf.virbr0.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.virbr0.drop_unsolicited_na": "0",
"net.ipv6.conf.virbr0.enhanced_dad": "1",
"net.ipv6.conf.virbr0.force_mld_version": "0",
"net.ipv6.conf.virbr0.force_tllao": "0",
"net.ipv6.conf.virbr0.forwarding": "0",
"net.ipv6.conf.virbr0.hop_limit": "64",
"net.ipv6.conf.virbr0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.virbr0.keep_addr_on_down": "0",
"net.ipv6.conf.virbr0.max_addresses": "16",
"net.ipv6.conf.virbr0.max_desync_factor": "600",
"net.ipv6.conf.virbr0.mc_forwarding": "0",
"net.ipv6.conf.virbr0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.virbr0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.virbr0.mtu": "1500",
"net.ipv6.conf.virbr0.ndisc_notify": "0",
"net.ipv6.conf.virbr0.ndisc_tclass": "0",
"net.ipv6.conf.virbr0.proxy_ndp": "0",
"net.ipv6.conf.virbr0.regen_max_retry": "3",
"net.ipv6.conf.virbr0.router_probe_interval": "60",
"net.ipv6.conf.virbr0.router_solicitation_delay": "1",
"net.ipv6.conf.virbr0.router_solicitation_interval": "4",
"net.ipv6.conf.virbr0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.virbr0.router_solicitations": "-1",

```
"net.ipv6.conf.virbr0.seg6_enabled": "0",
"net.ipv6.conf.virbr0.seg6_require_hmac": "0",
"net.ipv6.conf.virbr0.suppress_frag_ndisc": "1",
"net.ipv6.conf.virbr0.temp_preferred_lft": "86400",
"net.ipv6.conf.virbr0.temp_valid_lft": "604800",
"net.ipv6.conf.virbr0.use_oif_addrs_only": "0",
"net.ipv6.conf.virbr0.use_tempaddr": "2",
"net.ipv6.conf.wlan0.accept_dad": "1",
"net.ipv6.conf.wlan0.accept_ra": "0",
"net.ipv6.conf.wlan0.accept_ra_defrtr": "1",
"net.ipv6.conf.wlan0.accept_ra_from_local": "0",
"net.ipv6.conf.wlan0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.wlan0.accept_ra_mtu": "1",
"net.ipv6.conf.wlan0.accept_ra_pinfo": "1",
"net.ipv6.conf.wlan0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.wlan0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.wlan0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.wlan0.accept_redirects": "1",
"net.ipv6.conf.wlan0.accept_source_route": "0",
"net.ipv6.conf.wlan0.addr_gen_mode": "1",
"net.ipv6.conf.wlan0.autoconf": "1",
"net.ipv6.conf.wlan0.dad_transmits": "1",
"net.ipv6.conf.wlan0.disable_ipv6": "0",
"net.ipv6.conf.wlan0.disable_policy": "0",
"net.ipv6.conf.wlan0.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.wlan0.drop_unsolicited_na": "0",
"net.ipv6.conf.wlan0.enhanced_dad": "1",
"net.ipv6.conf.wlan0.force_mld_version": "0",
"net.ipv6.conf.wlan0.force_tllao": "0",
"net.ipv6.conf.wlan0.forwarding": "0",
"net.ipv6.conf.wlan0.hop_limit": "64",
"net.ipv6.conf.wlan0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.wlan0.keep_addr_on_down": "0",
```

```
"net.ipv6.conf.wlan0.max_addresses": "16",
"net.ipv6.conf.wlan0.max_desync_factor": "600",
"net.ipv6.conf.wlan0.mc_forwarding": "0",
"net.ipv6.conf.wlan0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.wlan0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.wlan0.mtu": "1500",
"net.ipv6.conf.wlan0.ndisc_notify": "0",
"net.ipv6.conf.wlan0.ndisc_tclass": "0",
"net.ipv6.conf.wlan0.proxy_ndp": "0",
"net.ipv6.conf.wlan0.regen_max_retry": "3",
"net.ipv6.conf.wlan0.router_probe_interval": "60",
"net.ipv6.conf.wlan0.router_solicitation_delay": "1",
"net.ipv6.conf.wlan0.router_solicitation_interval": "4",
"net.ipv6.conf.wlan0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.wlan0.router_solicitations": "-1",
"net.ipv6.conf.wlan0.seg6_enabled": "0",
"net.ipv6.conf.wlan0.seg6_require_hmac": "0",
"net.ipv6.conf.wlan0.suppress_frag_ndisc": "1",
"net.ipv6.conf.wlan0.temp_prefered_lft": "86400",
"net.ipv6.conf.wlan0.temp_valid_lft": "604800",
"net.ipv6.conf.wlan0.use_oif_addrs_only": "0",
"net.ipv6.conf.wlan0.use_tempaddr": "2",
"net.ipv6.fib_multipath_hash_policy": "0",
"net.ipv6.flowlabel_consistency": "1",
"net.ipv6.flowlabel_reflect": "0",
"net.ipv6.flowlabel_state_ranges": "0",
"net.ipv6.fwmark_reflect": "0",
"net.ipv6.icmp.echo_ignore_all": "0",
"net.ipv6.icmp.echo_ignore_anycast": "0",
"net.ipv6.icmp.echo_ignore_multicast": "0",
"net.ipv6.icmp.ratelimit": "1000",
"net.ipv6.icmp.ratemask": "0-1,3-127",
"net.ipv6.idgen_delay": "1",
```

"net.ipv6.idgen_retries": "3",
"net.ipv6.ip6frag_high_thresh": "4194304",
"net.ipv6.ip6frag_low_thresh": "3145728",
"net.ipv6.ip6frag_secret_interval": "0",
"net.ipv6.ip6frag_time": "60",
"net.ipv6.ip_nonlocal_bind": "0",
"net.ipv6.max_dst_opts_length": "2147483647",
"net.ipv6.max_dst_opts_number": "8",
"net.ipv6.max_hbh_length": "2147483647",
"net.ipv6.max_hbh_opts_number": "8",
"net.ipv6.mld_max_ms": "64",
"net.ipv6.mld_qrv": "2",
"net.ipv6.neigh.default.anycast_delay": "100",
"net.ipv6.neigh.default.app_solicit": "0",
"net.ipv6.neigh.default.base_reachable_time": "30",
"net.ipv6.neigh.default.base_reachable_time_ms": "30000",
"net.ipv6.neigh.default.delay_first_probe_time": "5",
"net.ipv6.neigh.default.gc_interval": "30",
"net.ipv6.neigh.default.gc_stale_time": "60",
"net.ipv6.neigh.default.gc_thresh1": "128",
"net.ipv6.neigh.default.gc_thresh2": "512",
"net.ipv6.neigh.default.gc_thresh3": "1024",
"net.ipv6.neigh.default.locktime": "0",
"net.ipv6.neigh.default.mcast_resolicit": "0",
"net.ipv6.neigh.default.mcast_solicit": "3",
"net.ipv6.neigh.default.proxy_delay": "80",
"net.ipv6.neigh.default.proxy_qlen": "64",
"net.ipv6.neigh.default.retrans_time": "1000",
"net.ipv6.neigh.default.retrans_time_ms": "1000",
"net.ipv6.neigh.default.unicast_solicit": "3",
"net.ipv6.neigh.default.unres_qlen": "101",
"net.ipv6.neigh.default.unres_qlen_bytes": "212992",
"net.ipv6.neigh.docker0.anycast_delay": "100",

"net.ipv6.neigh.docker0.app_solicit": "0",
"net.ipv6.neigh.docker0.base_reachable_time": "30",
"net.ipv6.neigh.docker0.base_reachable_time_ms": "30000",
"net.ipv6.neigh.docker0.delay_first_probe_time": "5",
"net.ipv6.neigh.docker0.gc_stale_time": "60",
"net.ipv6.neigh.docker0.locktime": "0",
"net.ipv6.neigh.docker0.mcast_resolicit": "0",
"net.ipv6.neigh.docker0.mcast_solicit": "3",
"net.ipv6.neigh.docker0.proxy_delay": "80",
"net.ipv6.neigh.docker0.proxy_qlen": "64",
"net.ipv6.neigh.docker0.retrans_time": "1000",
"net.ipv6.neigh.docker0.retrans_time_ms": "1000",
"net.ipv6.neigh.docker0.uchast_solicit": "3",
"net.ipv6.neigh.docker0.unres_qlen": "101",
"net.ipv6.neigh.docker0.unres_qlen_bytes": "212992",
"net.ipv6.neigh.eth0.anycast_delay": "100",
"net.ipv6.neigh.eth0.app_solicit": "0",
"net.ipv6.neigh.eth0.base_reachable_time": "30",
"net.ipv6.neigh.eth0.base_reachable_time_ms": "30000",
"net.ipv6.neigh.eth0.delay_first_probe_time": "5",
"net.ipv6.neigh.eth0.gc_stale_time": "60",
"net.ipv6.neigh.eth0.locktime": "0",
"net.ipv6.neigh.eth0.mcast_resolicit": "0",
"net.ipv6.neigh.eth0.mcast_solicit": "3",
"net.ipv6.neigh.eth0.proxy_delay": "80",
"net.ipv6.neigh.eth0.proxy_qlen": "64",
"net.ipv6.neigh.eth0.retrans_time": "1000",
"net.ipv6.neigh.eth0.retrans_time_ms": "1000",
"net.ipv6.neigh.eth0.uchast_solicit": "3",
"net.ipv6.neigh.eth0.unres_qlen": "101",
"net.ipv6.neigh.eth0.unres_qlen_bytes": "212992",
"net.ipv6.neigh.lo.anycast_delay": "100",
"net.ipv6.neigh.lo.app_solicit": "0",

"net.ipv6.neigh.lo.base_reachable_time": "30",
"net.ipv6.neigh.lo.base_reachable_time_ms": "30000",
"net.ipv6.neigh.lo.delay_first_probe_time": "5",
"net.ipv6.neigh.lo.gc_stale_time": "60",
"net.ipv6.neigh.lo.locktime": "0",
"net.ipv6.neigh.lo.mcast_resolicit": "0",
"net.ipv6.neigh.lo.mcast_solicit": "3",
"net.ipv6.neigh.lo.proxy_delay": "80",
"net.ipv6.neigh.lo.proxy_qlen": "64",
"net.ipv6.neigh.lo.retrans_time": "1000",
"net.ipv6.neigh.lo.retrans_time_ms": "1000",
"net.ipv6.neigh.lo.unicast_solicit": "3",
"net.ipv6.neigh.lo.unres_qlen": "101",
"net.ipv6.neigh.lo.unres_qlen_bytes": "212992",
"net.ipv6.neigh.tun0.anycast_delay": "100",
"net.ipv6.neigh.tun0.app_solicit": "0",
"net.ipv6.neigh.tun0.base_reachable_time": "30",
"net.ipv6.neigh.tun0.base_reachable_time_ms": "30000",
"net.ipv6.neigh.tun0.delay_first_probe_time": "5",
"net.ipv6.neigh.tun0.gc_stale_time": "60",
"net.ipv6.neigh.tun0.locktime": "0",
"net.ipv6.neigh.tun0.mcast_resolicit": "0",
"net.ipv6.neigh.tun0.mcast_solicit": "3",
"net.ipv6.neigh.tun0.proxy_delay": "80",
"net.ipv6.neigh.tun0.proxy_qlen": "64",
"net.ipv6.neigh.tun0.retrans_time": "1000",
"net.ipv6.neigh.tun0.retrans_time_ms": "1000",
"net.ipv6.neigh.tun0.unicast_solicit": "3",
"net.ipv6.neigh.tun0.unres_qlen": "101",
"net.ipv6.neigh.tun0.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet0.anycast_delay": "100",
"net.ipv6.neigh.vboxnet0.app_solicit": "0",
"net.ipv6.neigh.vboxnet0.base_reachable_time": "30",

"net.ipv6.neigh.vboxnet0.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet0.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet0.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet0.locktime": "0",
"net.ipv6.neigh.vboxnet0.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet0.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet0.proxy_delay": "80",
"net.ipv6.neigh.vboxnet0.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet0.retrans_time": "1000",
"net.ipv6.neigh.vboxnet0.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet0.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet0.unres_qlen": "101",
"net.ipv6.neigh.vboxnet0.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet1.anycast_delay": "100",
"net.ipv6.neigh.vboxnet1.app_solicit": "0",
"net.ipv6.neigh.vboxnet1.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet1.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet1.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet1.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet1.locktime": "0",
"net.ipv6.neigh.vboxnet1.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet1.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet1.proxy_delay": "80",
"net.ipv6.neigh.vboxnet1.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet1.retrans_time": "1000",
"net.ipv6.neigh.vboxnet1.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet1.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet1.unres_qlen": "101",
"net.ipv6.neigh.vboxnet1.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet10.anycast_delay": "100",
"net.ipv6.neigh.vboxnet10.app_solicit": "0",
"net.ipv6.neigh.vboxnet10.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet10.base_reachable_time_ms": "30000",

"net.ipv6.neigh.vboxnet10.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet10.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet10.locktime": "0",
"net.ipv6.neigh.vboxnet10.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet10.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet10.proxy_delay": "80",
"net.ipv6.neigh.vboxnet10.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet10.retrans_time": "1000",
"net.ipv6.neigh.vboxnet10.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet10.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet10.unres_qlen": "101",
"net.ipv6.neigh.vboxnet10.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet11.anycast_delay": "100",
"net.ipv6.neigh.vboxnet11.app_solicit": "0",
"net.ipv6.neigh.vboxnet11.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet11.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet11.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet11.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet11.locktime": "0",
"net.ipv6.neigh.vboxnet11.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet11.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet11.proxy_delay": "80",
"net.ipv6.neigh.vboxnet11.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet11.retrans_time": "1000",
"net.ipv6.neigh.vboxnet11.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet11.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet11.unres_qlen": "101",
"net.ipv6.neigh.vboxnet11.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet12.anycast_delay": "100",
"net.ipv6.neigh.vboxnet12.app_solicit": "0",
"net.ipv6.neigh.vboxnet12.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet12.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet12.delay_first_probe_time": "5",

"net.ipv6.neigh.vboxnet12.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet12.locktime": "0",
"net.ipv6.neigh.vboxnet12.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet12.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet12.proxy_delay": "80",
"net.ipv6.neigh.vboxnet12.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet12.retrans_time": "1000",
"net.ipv6.neigh.vboxnet12.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet12.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet12.unres_qlen": "101",
"net.ipv6.neigh.vboxnet12.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet13.anycast_delay": "100",
"net.ipv6.neigh.vboxnet13.app_solicit": "0",
"net.ipv6.neigh.vboxnet13.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet13.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet13.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet13.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet13.locktime": "0",
"net.ipv6.neigh.vboxnet13.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet13.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet13.proxy_delay": "80",
"net.ipv6.neigh.vboxnet13.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet13.retrans_time": "1000",
"net.ipv6.neigh.vboxnet13.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet13.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet13.unres_qlen": "101",
"net.ipv6.neigh.vboxnet13.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet2.anycast_delay": "100",
"net.ipv6.neigh.vboxnet2.app_solicit": "0",
"net.ipv6.neigh.vboxnet2.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet2.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet2.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet2.gc_stale_time": "60",

"net.ipv6.neigh.vboxnet2.locktime": "0",
"net.ipv6.neigh.vboxnet2.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet2.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet2.proxy_delay": "80",
"net.ipv6.neigh.vboxnet2.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet2.retrans_time": "1000",
"net.ipv6.neigh.vboxnet2.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet2.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet2.unres_qlen": "101",
"net.ipv6.neigh.vboxnet2.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet3.anycast_delay": "100",
"net.ipv6.neigh.vboxnet3.app_solicit": "0",
"net.ipv6.neigh.vboxnet3.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet3.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet3.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet3.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet3.locktime": "0",
"net.ipv6.neigh.vboxnet3.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet3.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet3.proxy_delay": "80",
"net.ipv6.neigh.vboxnet3.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet3.retrans_time": "1000",
"net.ipv6.neigh.vboxnet3.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet3.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet3.unres_qlen": "101",
"net.ipv6.neigh.vboxnet3.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet4.anycast_delay": "100",
"net.ipv6.neigh.vboxnet4.app_solicit": "0",
"net.ipv6.neigh.vboxnet4.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet4.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet4.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet4.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet4.locktime": "0",

"net.ipv6.neigh.vboxnet4.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet4.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet4.proxy_delay": "80",
"net.ipv6.neigh.vboxnet4.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet4.retrans_time": "1000",
"net.ipv6.neigh.vboxnet4.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet4.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet4.unres_qlen": "101",
"net.ipv6.neigh.vboxnet4.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet5.anycast_delay": "100",
"net.ipv6.neigh.vboxnet5.app_solicit": "0",
"net.ipv6.neigh.vboxnet5.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet5.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet5.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet5.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet5.locktime": "0",
"net.ipv6.neigh.vboxnet5.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet5.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet5.proxy_delay": "80",
"net.ipv6.neigh.vboxnet5.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet5.retrans_time": "1000",
"net.ipv6.neigh.vboxnet5.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet5.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet5.unres_qlen": "101",
"net.ipv6.neigh.vboxnet5.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet6.anycast_delay": "100",
"net.ipv6.neigh.vboxnet6.app_solicit": "0",
"net.ipv6.neigh.vboxnet6.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet6.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet6.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet6.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet6.locktime": "0",
"net.ipv6.neigh.vboxnet6.mcast_resolicit": "0",

"net.ipv6.neigh.vboxnet6.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet6.proxy_delay": "80",
"net.ipv6.neigh.vboxnet6.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet6.retrans_time": "1000",
"net.ipv6.neigh.vboxnet6.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet6.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet6.unres_qlen": "101",
"net.ipv6.neigh.vboxnet6.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet7.anycast_delay": "100",
"net.ipv6.neigh.vboxnet7.app_solicit": "0",
"net.ipv6.neigh.vboxnet7.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet7.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet7.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet7.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet7.locktime": "0",
"net.ipv6.neigh.vboxnet7.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet7.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet7.proxy_delay": "80",
"net.ipv6.neigh.vboxnet7.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet7.retrans_time": "1000",
"net.ipv6.neigh.vboxnet7.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet7.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet7.unres_qlen": "101",
"net.ipv6.neigh.vboxnet7.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet8.anycast_delay": "100",
"net.ipv6.neigh.vboxnet8.app_solicit": "0",
"net.ipv6.neigh.vboxnet8.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet8.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet8.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet8.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet8.locktime": "0",
"net.ipv6.neigh.vboxnet8.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet8.mcast_solicit": "3",

"net.ipv6.neigh.vboxnet8.proxy_delay": "80",
"net.ipv6.neigh.vboxnet8.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet8.retrans_time": "1000",
"net.ipv6.neigh.vboxnet8.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet8.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet8.unres_qlen": "101",
"net.ipv6.neigh.vboxnet8.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet9.anycast_delay": "100",
"net.ipv6.neigh.vboxnet9.app_solicit": "0",
"net.ipv6.neigh.vboxnet9.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet9.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet9.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet9.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet9.locktime": "0",
"net.ipv6.neigh.vboxnet9.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet9.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet9.proxy_delay": "80",
"net.ipv6.neigh.vboxnet9.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet9.retrans_time": "1000",
"net.ipv6.neigh.vboxnet9.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet9.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet9.unres_qlen": "101",
"net.ipv6.neigh.vboxnet9.unres_qlen_bytes": "212992",
"net.ipv6.neigh.virbr0-nic.anycast_delay": "100",
"net.ipv6.neigh.virbr0-nic.app_solicit": "0",
"net.ipv6.neigh.virbr0-nic.base_reachable_time": "30",
"net.ipv6.neigh.virbr0-nic.base_reachable_time_ms": "30000",
"net.ipv6.neigh.virbr0-nic.delay_first_probe_time": "5",
"net.ipv6.neigh.virbr0-nic.gc_stale_time": "60",
"net.ipv6.neigh.virbr0-nic.locktime": "0",
"net.ipv6.neigh.virbr0-nic.mcast_resolicit": "0",
"net.ipv6.neigh.virbr0-nic.mcast_solicit": "3",
"net.ipv6.neigh.virbr0-nic.proxy_delay": "80",

"net.ipv6.neigh.virbr0-nic.proxy_qlen": "64",
"net.ipv6.neigh.virbr0-nic.retrans_time": "1000",
"net.ipv6.neigh.virbr0-nic.retrans_time_ms": "1000",
"net.ipv6.neigh.virbr0-nic.unicast_solicit": "3",
"net.ipv6.neigh.virbr0-nic.unres_qlen": "101",
"net.ipv6.neigh.virbr0-nic.unres_qlen_bytes": "212992",
"net.ipv6.neigh.virbr0.anycast_delay": "100",
"net.ipv6.neigh.virbr0.app_solicit": "0",
"net.ipv6.neigh.virbr0.base_reachable_time": "30",
"net.ipv6.neigh.virbr0.base_reachable_time_ms": "30000",
"net.ipv6.neigh.virbr0.delay_first_probe_time": "5",
"net.ipv6.neigh.virbr0.gc_stale_time": "60",
"net.ipv6.neigh.virbr0.locktime": "0",
"net.ipv6.neigh.virbr0.mcast_resolicit": "0",
"net.ipv6.neigh.virbr0.mcast_solicit": "3",
"net.ipv6.neigh.virbr0.proxy_delay": "80",
"net.ipv6.neigh.virbr0.proxy_qlen": "64",
"net.ipv6.neigh.virbr0.retrans_time": "1000",
"net.ipv6.neigh.virbr0.retrans_time_ms": "1000",
"net.ipv6.neigh.virbr0.unicast_solicit": "3",
"net.ipv6.neigh.virbr0.unres_qlen": "101",
"net.ipv6.neigh.virbr0.unres_qlen_bytes": "212992",
"net.ipv6.neigh.wlan0.anycast_delay": "100",
"net.ipv6.neigh.wlan0.app_solicit": "0",
"net.ipv6.neigh.wlan0.base_reachable_time": "30",
"net.ipv6.neigh.wlan0.base_reachable_time_ms": "30000",
"net.ipv6.neigh.wlan0.delay_first_probe_time": "5",
"net.ipv6.neigh.wlan0.gc_stale_time": "60",
"net.ipv6.neigh.wlan0.locktime": "0",
"net.ipv6.neigh.wlan0.mcast_resolicit": "0",
"net.ipv6.neigh.wlan0.mcast_solicit": "3",
"net.ipv6.neigh.wlan0.proxy_delay": "80",
"net.ipv6.neigh.wlan0.proxy_qlen": "64",

"net.ipv6.neigh.wlan0.retrans_time": "1000",
"net.ipv6.neigh.wlan0.retrans_time_ms": "1000",
"net.ipv6.neigh.wlan0.uchain_solicit": "3",
"net.ipv6.neigh.wlan0.unres_qlen": "101",
"net.ipv6.neigh.wlan0.unres_qlen_bytes": "212992",
"net.ipv6.route.gc_elasticity": "9",
"net.ipv6.route.gc_interval": "30",
"net.ipv6.route.gc_min_interval": "0",
"net.ipv6.route.gc_min_interval_ms": "500",
"net.ipv6.route.gc_thresh": "1024",
"net.ipv6.route.gc_timeout": "60",
"net.ipv6.route.max_size": "4096",
"net.ipv6.route.min_adv_mss": "1220",
"net.ipv6.route.mtu_expires": "600",
"net.ipv6.route.skip_notify_on_dev_down": "0",
"net.ipv6.seg6_flowlabel": "0",
"net.ipv6.xfrm6_gc_thresh": "32768",
"net.netfilter.nf_conntrack_acct": "0",
"net.netfilter.nf_conntrack_buckets": "65536",
"net.netfilter.nf_conntrack_checksum": "1",
"net.netfilter.nf_conntrack_count": "233",
"net.netfilter.nf_conntrack_dccp_loose": "1",
"net.netfilter.nf_conntrack_dccp_timeout_closereq": "64",
"net.netfilter.nf_conntrack_dccp_timeout_closing": "64",
"net.netfilter.nf_conntrack_dccp_timeout_open": "43200",
"net.netfilter.nf_conntrack_dccp_timeout_partopen": "480",
"net.netfilter.nf_conntrack_dccp_timeout_request": "240",
"net.netfilter.nf_conntrack_dccp_timeout_respond": "480",
"net.netfilter.nf_conntrack_dccp_timeout_timewait": "240",
"net.netfilter.nf_conntrack_events": "1",
"net.netfilter.nf_conntrack_expect_max": "1024",
"net.netfilter.nf_conntrack_frag6_high_thresh": "4194304",
"net.netfilter.nf_conntrack_frag6_low_thresh": "3145728",

"net.netfilter.nf_conntrack_frag6_timeout": "60",
"net.netfilter.nf_conntrack_generic_timeout": "600",
"net.netfilter.nf_conntrack_gre_timeout": "30",
"net.netfilter.nf_conntrack_gre_timeout_stream": "180",
"net.netfilter.nf_conntrack_helper": "0",
"net.netfilter.nf_conntrack_icmp_timeout": "30",
"net.netfilter.nf_conntrack_icmpv6_timeout": "30",
"net.netfilter.nf_conntrack_log_invalid": "0",
"net.netfilter.nf_conntrack_max": "262144",
"net.netfilter.nf_conntrack_sctp_timeout_closed": "10",
"net.netfilter.nf_conntrack_sctp_timeout_cookie_echoed": "3",
"net.netfilter.nf_conntrack_sctp_timeout_cookie_wait": "3",
"net.netfilter.nf_conntrack_sctp_timeout_established": "432000",
"net.netfilter.nf_conntrack_sctp_timeout_heartbeat_acked": "210",
"net.netfilter.nf_conntrack_sctp_timeout_heartbeat_sent": "30",
"net.netfilter.nf_conntrack_sctp_timeout_shutdown_ack_sent": "3",
"net.netfilter.nf_conntrack_sctp_timeout_shutdown_recd": "0",
"net.netfilter.nf_conntrack_sctp_timeout_shutdown_sent": "0",
"net.netfilter.nf_conntrack_tcp_be Liberal": "0",
"net.netfilter.nf_conntrack_tcp_loose": "1",
"net.netfilter.nf_conntrack_tcp_max_retrans": "3",
"net.netfilter.nf_conntrack_tcp_timeout_close": "10",
"net.netfilter.nf_conntrack_tcp_timeout_close_wait": "60",
"net.netfilter.nf_conntrack_tcp_timeout_established": "432000",
"net.netfilter.nf_conntrack_tcp_timeout_fin_wait": "120",
"net.netfilter.nf_conntrack_tcp_timeout_last_ack": "30",
"net.netfilter.nf_conntrack_tcp_timeout_max_retrans": "300",
"net.netfilter.nf_conntrack_tcp_timeout_syn_recv": "60",
"net.netfilter.nf_conntrack_tcp_timeout_syn_sent": "120",
"net.netfilter.nf_conntrack_tcp_timeout_time_wait": "120",
"net.netfilter.nf_conntrack_tcp_timeout_unacknowledged": "300",
"net.netfilter.nf_conntrack_timestamp": "0",
"net.netfilter.nf_conntrack_udp_timeout": "30",

"net.netfilter.nf_conntrack_udp_timeout_stream": "120",
"net.netfilter.nf_log.0": "NONE",
"net.netfilter.nf_log.1": "NONE",
"net.netfilter.nf_log.10": "NONE",
"net.netfilter.nf_log.11": "NONE",
"net.netfilter.nf_log.12": "NONE",
"net.netfilter.nf_log.2": "NONE",
"net.netfilter.nf_log.3": "NONE",
"net.netfilter.nf_log.4": "NONE",
"net.netfilter.nf_log.5": "NONE",
"net.netfilter.nf_log.6": "NONE",
"net.netfilter.nf_log.7": "NONE",
"net.netfilter.nf_log.8": "NONE",
"net.netfilter.nf_log.9": "NONE",
"net.netfilter.nf_log_all_netns": "0",
"net.nf_conntrack_max": "262144",
"net.unix.max_dgram_qlen": "512",
"sunrpc.max_resvport": "1023",
"sunrpc.min_resvport": "665",
"sunrpc.nfs_debug": "0x0000",
"sunrpc.nfsd_debug": "0x0000",
"sunrpc.nlm_debug": "0x0000",
"sunrpc.rpc_debug": "0x0000",
"sunrpc.tcp_fin_timeout": "15",
"sunrpc.tcp_max_slot_table_entries": "65536",
"sunrpc.tcp_slot_table_entries": "2",
"sunrpc.transports": "tcp 1048576\ncudp 32768",
"sunrpc.udp_slot_table_entries": "16",
"user.max_cgroup_namespaces": "127767",
"user.max_inotify_instances": "128",
"user.max_inotify_watches": "98304",
"user.max_ipc_namespaces": "127767",
"user.max_mnt_namespaces": "127767",

```
"user.max_net_namespaces": "127767",
"user.max_pid_namespaces": "127767",
"user.max_user_namespaces": "127767",
"user.max_uts_namespaces": "127767",
"vm.admin_reserve_kbytes": "8192",
"vm.block_dump": "0",
"vm.compact_unevictable_allowed": "1",
"vm.dirty_background_bytes": "0",
"vm.dirty_background_ratio": "10",
"vm.dirty_bytes": "0",
"vm.dirty_expire_centisecs": "1500",
"vm.dirty_ratio": "20",
"vm.dirty_writeback_centisecs": "1500",
"vm.dirtytime_expire_seconds": "43200",
"vm.extfrag_threshold": "500",
"vm.hugetlb_shm_group": "0",
"vm.laptop_mode": "0",
"vm.legacy_va_layout": "0",
"vm.lowmem_reserve_ratio": "256\0256\032\00\00",
"vm.max_map_count": "65530",
"vm.memory_failure_early_kill": "0",
"vm.memory_failure_recovery": "1",
"vm.min_free_kbytes": "67584",
"vm.min_slab_ratio": "5",
"vm.min_unmapped_ratio": "1",
"vm.mmap_min_addr": "65536",
"vm.nr_hugepages": "0",
"vm.nr_hugepages_mempolicy": "0",
"vm.nr_overcommit_hugepages": "0",
"vm.numa_stat": "1",
"vm.numa_zonelist_order": "Node",
"vm.oom_dump_tasks": "1",
"vm.oom_kill Allocating_task": "0",
```

```
"vm.overcommit_kbytes": "0",
"vm.overcommit_memory": "0",
"vm.overcommit_ratio": "50",
"vm.page-cluster": "3",
"vm.panic_on_oom": "0",
"vm.percpu_pagelist_fraction": "0",
"vm.stat_interval": "1",
"vm.swappiness": "60",
"vm.unprivileged_userfaultfd": "1",
"vm.user_reserve_kbytes": "131072",
"vm.vfs_cache_pressure": "100",
"vm.watermark_boost_factor": "0",
"vm.watermark_scale_factor": "10",
"vm.zone_reclaim_mode": "0"
}
R: {
"abi.vsyscall32": "1",
"debug.exception-trace": "1",
"debug.kprobes-optimization": "1",
"dev.cdrom.autoclose": "1",
"dev.cdrom.autoeject": "0",
"dev.cdrom.check_media": "0",
"dev.cdrom.debug": "0",
"dev.cdrom.info": "CD-ROM information, Id: cdrom.c 3.20 2003/12/17\n\ndrive m",
"dev.cdrom.lock": "0",
"dev.hpet.max-user-freq": "64",
"dev.i915.oa_max_sample_rate": "100000",
"dev.i915.perf_stream_paranoid": "1",
"dev.mac_hid.mouse_button2_keycode": "97",
"dev.mac_hid.mouse_button3_keycode": "100",
"dev.mac_hid.mouse_button_emulation": "0",
"dev.parport.default.spintime": "500",
"dev.parport.default.timeslice": "200",
```

"dev.raid.speed_limit_max": "200000",
"dev.raid.speed_limit_min": "1000",
"dev.scsi.logging_level": "0",
"dev.tty.ldisc_autoload": "1",
"fs.aio-max-nr": "65536",
"fs.aio-nr": "3301",
"fs.binfmt_misc.cli": "enabled\ninterpreter /usr/lib/binfmt-support/run-detected",
"fs.binfmt_misc.jar": "enabled\ninterpreter /usr/bin/jexec\nflags: \noffset 0",
"fs.binfmt_misc.python2.7": "enabled\ninterpreter /usr/bin/python2.7\nflags:",
"fs.binfmt_misc.python3.8": "enabled\ninterpreter /usr/bin/python3.8\nflags:",
"fs.binfmt_misc.sbcl": "enabled\ninterpreter /usr/lib/sbcl/sbcl-run\nflags: \\",
"fs.binfmt_misc.status": "enabled",
"fs.dentry-state": "311039\t222685\t45\t0\t42660\t0",
"fs.dir-notify-enable": "1",
"fs.epoll.max_user_watches": "6698721",
"fs.file-max": "9223372036854775807",
"fs.file-nr": "46048\t0\t9223372036854775807",
"fs.inode-nr": "507779\t238746",
"fs.inode-state": "507779\t238746\t0\t0\t0\t0\t0",
"fs.inotify.max_queued_events": "16384",
"fs.inotify.max_user_instances": "128",
"fs.inotify.max_user_watches": "98304",
"fs.lease-break-time": "45",
"fs.leases-enable": "1",
"fs.mount-max": "100000",
"fs.mqueue.msg_default": "10",
"fs.mqueue.msg_max": "10",
"fs.mqueue.msgsize_default": "8192",
"fs.mqueue.msgsize_max": "8192",
"fs.mqueue.queues_max": "256",
"fs.nfs.idmap_cache_timeout": "600",
"fs.nfs.nfs_callback_tcpport": "0",
"fs.nfs.nfs_congestion_kb": "183104",

```
"fs.nfs.nfs_mountpoint_timeout": "500",
"fs.nfs.nlm_grace_period": "0",
"fs.nfs.nlm_tcport": "0",
"fs.nfs.nlm_timeout": "10",
"fs.nfs.nlm_udpport": "0",
"fs.nfs.nsm_local_state": "3",
"fs.nfs.nsm_use_hostnames": "0",
"fs.nr_open": "1048576",
"fs.overflowgid": "65534",
"fs.overflowuid": "65534",
"fs.pipe-max-size": "1048576",
"fs.pipe-user-pages-hard": "0",
"fs.pipe-user-pages-soft": "16384",
"fs.quota.allocated_dquots": "0",
"fs.quota.cache_hits": "0",
"fs.quota.drops": "0",
"fs.quota.free_dquots": "0",
"fs.quota.lookups": "0",
"fs.quota.reads": "0",
"fs.quota.syncs": "26",
"fs.quota.writes": "0",
"fs.suid_dumpable": "2",
"fs.verity.require_signatures": "0",
"fscache.object_max_active": "8",
"fscache.operation_max_active": "4",
"kernel.acct": "4\t2\t30",
"kernel.acpi_video_flags": "0",
"kernel.auto_msgmni": "0",
"kernel.bootloader_type": "6",
"kernel.bootloader_version": "38",
"kernel.bpf_stats_enabled": "0",
"kernel.cap_last_cap": "37",
"kernel.core_pattern": "|/usr/share/apport/apport %p %s %c %d %P %E",
```

"kernel.core_pipe_limit": "0",
"kernel.core_uses_pid": "0",
"kernel.ctrl-alt-del": "0",
"kernel.dmesg_restrict": "0",
"kernel.domainname": "(none)",
"kernel.firmware_config.force_sysfs_fallback": "0",
"kernel.firmware_config.ignore_sysfs_fallback": "0",
"kernel.ftrace_dump_on_oops": "0",
"kernel.ftrace_enabled": "1",
"kernel.hardlockup_all_cpu_backtrace": "0",
"kernel.hardlockup_panic": "0",
"kernel.hostname": "nickanderson-ThinkPad-W550s",
"kernel.hotplug": "",
"kernel.hung_task_check_count": "4194304",
"kernel.hung_task_check_interval_secs": "0",
"kernel.hung_task_panic": "0",
"kernel.hung_task_timeout_secs": "120",
"kernel.hung_task_warnings": "8",
"kernel.io_delay_type": "1",
"kernel.kexec_load_disabled": "0",
"kernel.keys.gc_delay": "300",
"kernel.keys.maxbytes": "20000",
"kernel.keys.maxkeys": "200",
"kernel.keys.persistent_keyring_expiry": "259200",
"kernel.keys.root_maxbytes": "25000000",
"kernel.keys.root_maxkeys": "1000000",
"kernel.kptr_restrict": "1",
"kernel.latencytop": "0",
"kernel.max_lock_depth": "1024",
"kernel.modprobe": "/sbin/modprobe",
"kernel.modules_disabled": "0",
"kernel.msg_next_id": "-1",
"kernel.msgmax": "8192",

"kernel.msgmnb": "16384",
"kernel.msgmni": "32000",
"kernel.ngroups_max": "65536",
"kernel.nmi_watchdog": "0",
"kernel.ns_last_pid": "1116084",
"kernel.numa_balancing": "0",
"kernel.numa_balancing_scan_delay_ms": "1000",
"kernel.numa_balancing_scan_period_max_ms": "60000",
"kernel.numa_balancing_scan_period_min_ms": "1000",
"kernel.numa_balancing_scan_size_mb": "256",
"kernel.osrelease": "5.4.0-42-lowlatency",
"kernel.ostype": "Linux",
"kernel.overflowgid": "65534",
"kernel.overflowuid": "65534",
"kernel.panic": "0",
"kernel.panic_on_io_nmi": "0",
"kernel.panic_on_oops": "0",
"kernel.panic_on_rcu_stall": "0",
"kernel.panic_on_unrecoverable_nmi": "0",
"kernel.panic_on_warn": "0",
"kernel.panic_print": "0",
"kernel.perf_cpu_time_max_percent": "25",
"kernel.perf_event_max_contexts_per_stack": "8",
"kernel.perf_event_max_sample_rate": "100000",
"kernel.perf_event_max_stack": "127",
"kernel.perf_event_mlock_kb": "516",
"kernel.perf_event_paranoid": "3",
"kernel.pid_max": "4194304",
"kernel.poweroff_cmd": "/sbin/poweroff",
"kernel.print-fatal-signals": "0",
"kernel printk": "4\t4\t1\t7",
"kernel printk_delay": "0",
"kernel printk_devkmsg": "on",

"kernel.printk_ratelimit": "5",
"kernel.printk_ratelimit_burst": "10",
"kernel.pty.max": "4096",
"kernel.pty.nr": "8",
"kernel.pty.reserve": "1024",
"kernel.random.boot_id": "fdf58181-01bd-4d59-a45d-c56bca7ecef",
"kernel.random.entropy_avail": "3936",
"kernel.random.poolsizes": "4096",
"kernel.random.read_wakeup_threshold": "64",
"kernel.random.urandom_min_reseed_secs": "60",
"kernel.random.uuid": "bb2f07c5-25f9-47ef-9df0-e668f7360426",
"kernel.random.write_wakeup_threshold": "1024",
"kernel.randomize_va_space": "2",
"kernel.real-root-dev": "0",
"kernel.sched_autogroup_enabled": "1",
"kernel.sched_cfs_bandwidth_slice_us": "5000",
"kernel.sched_child_runs_first": "0",
"kernel.sched_domain.cpu0.domain0.busy_factor": "32",
"kernel.sched_domain.cpu0.domain0.cache_nice_tries": "0",
"kernel.sched_domain.cpu0.domain0.flags": "4783",
"kernel.sched_domain.cpu0.domain0.imbalance_pct": "110",
"kernel.sched_domain.cpu0.domain0.max_interval": "4",
"kernel.sched_domain.cpu0.domain0.max_newidle_lb_cost": "20749",
"kernel.sched_domain.cpu0.domain0.min_interval": "2",
"kernel.sched_domain.cpu0.domain0.name": "SMT",
"kernel.sched_domain.cpu0.domain1.busy_factor": "32",
"kernel.sched_domain.cpu0.domain1.cache_nice_tries": "1",
"kernel.sched_domain.cpu0.domain1.flags": "4655",
"kernel.sched_domain.cpu0.domain1.imbalance_pct": "117",
"kernel.sched_domain.cpu0.domain1.max_interval": "8",
"kernel.sched_domain.cpu0.domain1.max_newidle_lb_cost": "18161",
"kernel.sched_domain.cpu0.domain1.min_interval": "4",
"kernel.sched_domain.cpu0.domain1.name": "MC",

"kernel.sched_domain.cpu1.domain0.busy_factor": "32",
"kernel.sched_domain.cpu1.domain0.cache_nice_tries": "0",
"kernel.sched_domain.cpu1.domain0.flags": "4783",
"kernel.sched_domain.cpu1.domain0.imbalance_pct": "110",
"kernel.sched_domain.cpu1.domain0.max_interval": "4",
"kernel.sched_domain.cpu1.domain0.max_newidle_lb_cost": "28467",
"kernel.sched_domain.cpu1.domain0.min_interval": "2",
"kernel.sched_domain.cpu1.domain0.name": "SMT",
"kernel.sched_domain.cpu1.domain1.busy_factor": "32",
"kernel.sched_domain.cpu1.domain1.cache_nice_tries": "1",
"kernel.sched_domain.cpu1.domain1.flags": "4655",
"kernel.sched_domain.cpu1.domain1.imbalance_pct": "117",
"kernel.sched_domain.cpu1.domain1.max_interval": "8",
"kernel.sched_domain.cpu1.domain1.max_newidle_lb_cost": "24312",
"kernel.sched_domain.cpu1.domain1.min_interval": "4",
"kernel.sched_domain.cpu1.domain1.name": "MC",
"kernel.sched_domain.cpu2.domain0.busy_factor": "32",
"kernel.sched_domain.cpu2.domain0.cache_nice_tries": "0",
"kernel.sched_domain.cpu2.domain0.flags": "4783",
"kernel.sched_domain.cpu2.domain0.imbalance_pct": "110",
"kernel.sched_domain.cpu2.domain0.max_interval": "4",
"kernel.sched_domain.cpu2.domain0.max_newidle_lb_cost": "25634",
"kernel.sched_domain.cpu2.domain0.min_interval": "2",
"kernel.sched_domain.cpu2.domain0.name": "SMT",
"kernel.sched_domain.cpu2.domain1.busy_factor": "32",
"kernel.sched_domain.cpu2.domain1.cache_nice_tries": "1",
"kernel.sched_domain.cpu2.domain1.flags": "4655",
"kernel.sched_domain.cpu2.domain1.imbalance_pct": "117",
"kernel.sched_domain.cpu2.domain1.max_interval": "8",
"kernel.sched_domain.cpu2.domain1.max_newidle_lb_cost": "20399",
"kernel.sched_domain.cpu2.domain1.min_interval": "4",
"kernel.sched_domain.cpu2.domain1.name": "MC",
"kernel.sched_domain.cpu3.domain0.busy_factor": "32",

"kernel.sched_domain.cpu3.domain0.cache_nice_tries": "0",
"kernel.sched_domain.cpu3.domain0.flags": "4783",
"kernel.sched_domain.cpu3.domain0.imbalance_pct": "110",
"kernel.sched_domain.cpu3.domain0.max_interval": "4",
"kernel.sched_domain.cpu3.domain0.max_newidle_lb_cost": "20567",
"kernel.sched_domain.cpu3.domain0.min_interval": "2",
"kernel.sched_domain.cpu3.domain0.name": "SMT",
"kernel.sched_domain.cpu3.domain1.busy_factor": "32",
"kernel.sched_domain.cpu3.domain1.cache_nice_tries": "1",
"kernel.sched_domain.cpu3.domain1.flags": "4655",
"kernel.sched_domain.cpu3.domain1.imbalance_pct": "117",
"kernel.sched_domain.cpu3.domain1.max_interval": "8",
"kernel.sched_domain.cpu3.domain1.max_newidle_lb_cost": "20884",
"kernel.sched_domain.cpu3.domain1.min_interval": "4",
"kernel.sched_domain.cpu3.domain1.name": "MC",
"kernel.sched_latency_ns": "18000000",
"kernel.sched_migration_cost_ns": "500000",
"kernel.sched_min_granularity_ns": "2250000",
"kernel.sched_nr_migrate": "32",
"kernel.sched_rr_timeslice_ms": "100",
"kernel.sched_rt_period_us": "1000000",
"kernel.sched_rt_runtime_us": "950000",
"kernel.sched_schedstats": "0",
"kernel.sched_tunable_scaling": "1",
"kernel.sched_util_clamp_max": "1024",
"kernel.sched_util_clamp_min": "1024",
"kernel.sched_wakeup_granularity_ns": "3000000",
"kernel.seccomp.actions_avail": "kill_process kill_thread trap errno user_not",
"kernel.seccomp.actions_logged": "kill_process kill_thread trap errno user_no",
"kernel.sem": "32000\1024000000\1500\132000",
"kernel.sem_next_id": "-1",
"kernel.sg-big-buff": "32768",
"kernel.shm_next_id": "-1",

"kernel.shm_rmid_forced": "0",
"kernel.shmall": "18446744073692774399",
"kernel.shmmax": "18446744073692774399",
"kernel.shmmni": "4096",
"kernel.soft_watchdog": "1",
"kernel.softlockup_all_cpu_backtrace": "0",
"kernel.softlockup_panic": "0",
"kernel.stack_tracer_enabled": "0",
"kernel.sysctl_writes_strict": "1",
"kernel.sysrq": "176",
"kernel.tainted": "5632",
"kernel.threads-max": "255535",
"kernel.timer_migration": "1",
"kernel.traceoff_on_warning": "0",
"kernel.tracepoint_printk": "0",
"kernel.unknown_nmi_panic": "0",
"kernel.unprivileged_bpf_disabled": "0",
"kernel.unprivileged_userns_clone": "1",
"kernel.version": "#46-Ubuntu SMP PREEMPT Fri Jul 10 01:43:58 UTC 2020",
"kernel.watchdog": "1",
"kernel.watchdog_cpumask": "0-7",
"kernel.watchdog_thresh": "10",
"kernel.yama.ptrace_scope": "1",
"net.bridge.bridge-nf-call-arptables": "1",
"net.bridge.bridge-nf-call-ip6tables": "1",
"net.bridge.bridge-nf-call-iptables": "1",
"net.bridge.bridge-nf-filter-pppoe-tagged": "0",
"net.bridge.bridge-nf-filter-vlan-tagged": "0",
"net.bridge.bridge-nf-pass-vlan-input-dev": "0",
"net.core.bpf_jit_enable": "1",
"net.core.busy_poll": "0",
"net.core.busy_read": "0",
"net.core.default_qdisc": "fq_codel",

"net.core.dev_weight": "64",
"net.core.dev_weight_rx_bias": "1",
"net.core.dev_weight_tx_bias": "1",
"net.core.devconf_inherit_init_net": "0",
"net.core.fb_tunnels_only_for_init_net": "0",
"net.core.flow_limit_cpu_bitmap": "00",
"net.core.flow_limit_table_len": "4096",
"net.core.gro_normal_batch": "8",
"net.core.high_order_alloc_disable": "0",
"net.core.max_skb frags": "17",
"net.core.message_burst": "10",
"net.core.message_cost": "5",
"net.core.netdev_budget": "300",
"net.core.netdev_budget_usecs": "2000",
"net.core.netdev_max_backlog": "1000",
"net.core.netdev_rss_key": "de:cd:e7:76:dc:fb:d8:5b:ab:b6:d5:97:d1:14:ce:ac:1",
"net.core.netdev_tstamp_prequeue": "1",
"net.core.optmem_max": "20480",
"net.core.rmem_default": "212992",
"net.core.rmem_max": "212992",
"net.core.rps_sock_flow_entries": "0",
"net.core.somaxconn": "4096",
"net.core.tstamp_allow_data": "1",
"net.core.warnings": "0",
"net.core.wmem_default": "212992",
"net.core.wmem_max": "212992",
"net.core.xfrm_acq_expires": "30",
"net.core.xfrm_aevent_etime": "10",
"net.core.xfrm_aevent_rseqth": "2",
"net.core.xfrm_larval_drop": "1",
"net.ipv4.cipso_cache_bucket_size": "10",
"net.ipv4.cipso_cache_enable": "1",
"net.ipv4.cipso_rbm_optfmt": "0",

"net.ipv4.cipso_rbm_strictvalid": "1",
"net.ipv4.conf.all.accept_local": "0",
"net.ipv4.conf.all.accept_redirects": "0",
"net.ipv4.conf.all.accept_source_route": "0",
"net.ipv4.conf.all.arp_accept": "0",
"net.ipv4.conf.all.arp_announce": "0",
"net.ipv4.conf.all.arp_filter": "0",
"net.ipv4.conf.all.arp_ignore": "0",
"net.ipv4.conf.all.arp_notify": "0",
"net.ipv4.conf.all.bc_forwarding": "0",
"net.ipv4.conf.all.bootp_relay": "0",
"net.ipv4.conf.all.disable_policy": "0",
"net.ipv4.conf.all.disable_xfrm": "0",
"net.ipv4.conf.all.drop_gratuitous_arp": "0",
"net.ipv4.conf.all.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.all.force_igmp_version": "0",
"net.ipv4.conf.all.forwarding": "1",
"net.ipv4.conf.all.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.all.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.all.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.all.log_martians": "0",
"net.ipv4.conf.all.mc_forwarding": "0",
"net.ipv4.conf.all.medium_id": "0",
"net.ipv4.conf.all.promote_secondaries": "0",
"net.ipv4.conf.all.proxy_arp": "0",
"net.ipv4.conf.all.proxy_arp_pvlan": "0",
"net.ipv4.conf.all.route_localnet": "0",
"net.ipv4.conf.all.rp_filter": "2",
"net.ipv4.conf.all.secure_redirects": "1",
"net.ipv4.conf.all.send_redirects": "1",
"net.ipv4.conf.all.shared_media": "1",
"net.ipv4.conf.all.src_valid_mark": "0",
"net.ipv4.conf.all.tag": "0",

```
"net.ipv4.conf.default.accept_local": "0",
"net.ipv4.conf.default.accept_redirects": "1",
"net.ipv4.conf.default.accept_source_route": "1",
"net.ipv4.conf.default.arp_accept": "0",
"net.ipv4.conf.default.arp_announce": "0",
"net.ipv4.conf.default.arp_filter": "0",
"net.ipv4.conf.default.arp_ignore": "0",
"net.ipv4.conf.default.arp_notify": "0",
"net.ipv4.conf.default.bc_forwarding": "0",
"net.ipv4.conf.default.bootp_relay": "0",
"net.ipv4.conf.default.disable_policy": "0",
"net.ipv4.conf.default.disable_xfrm": "0",
"net.ipv4.conf.default.drop_gratuitous_arp": "0",
"net.ipv4.conf.default.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.default.force_igmp_version": "0",
"net.ipv4.conf.default.forwarding": "1",
"net.ipv4.conf.default.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.default.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.default.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.default.log_martians": "0",
"net.ipv4.conf.default.mc_forwarding": "0",
"net.ipv4.conf.default.medium_id": "0",
"net.ipv4.conf.default.promote_secondaries": "1",
"net.ipv4.conf.default.proxy_arp": "0",
"net.ipv4.conf.default.proxy_arp_pvlan": "0",
"net.ipv4.conf.default.route_localnet": "0",
"net.ipv4.conf.default.rp_filter": "2",
"net.ipv4.conf.default.secure_redirects": "1",
"net.ipv4.conf.default.send_redirects": "1",
"net.ipv4.conf.default.shared_media": "1",
"net.ipv4.conf.default.src_valid_mark": "0",
"net.ipv4.conf.default.tag": "0",
"net.ipv4.conf.docker0.accept_local": "0",
```

"net.ipv4.conf.docker0.accept_redirects": "1",
"net.ipv4.conf.docker0.accept_source_route": "1",
"net.ipv4.conf.docker0.arp_accept": "0",
"net.ipv4.conf.docker0.arp_announce": "0",
"net.ipv4.conf.docker0.arp_filter": "0",
"net.ipv4.conf.docker0.arp_ignore": "0",
"net.ipv4.conf.docker0.arp_notify": "0",
"net.ipv4.conf.docker0.bc_forwarding": "0",
"net.ipv4.conf.docker0.bootp_relay": "0",
"net.ipv4.conf.docker0.disable_policy": "0",
"net.ipv4.conf.docker0.disable_xfrm": "0",
"net.ipv4.conf.docker0.drop_gratuitous_arp": "0",
"net.ipv4.conf.docker0.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.docker0.force_igmp_version": "0",
"net.ipv4.conf.docker0.forwarding": "1",
"net.ipv4.conf.docker0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.docker0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.docker0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.docker0.log_martians": "0",
"net.ipv4.conf.docker0.mc_forwarding": "0",
"net.ipv4.conf.docker0.medium_id": "0",
"net.ipv4.conf.docker0.promote_secondaries": "1",
"net.ipv4.conf.docker0.proxy_arp": "0",
"net.ipv4.conf.docker0.proxy_arp_pvlan": "0",
"net.ipv4.conf.docker0.route_localnet": "0",
"net.ipv4.conf.docker0.rp_filter": "2",
"net.ipv4.conf.docker0.secure_redirects": "1",
"net.ipv4.conf.docker0.send_redirects": "1",
"net.ipv4.conf.docker0.shared_media": "1",
"net.ipv4.conf.docker0.src_valid_mark": "0",
"net.ipv4.conf.docker0.tag": "0",
"net.ipv4.conf.eth0.accept_local": "0",
"net.ipv4.conf.eth0.accept_redirects": "1",

```
"net.ipv4.conf.eth0.accept_source_route": "1",
"net.ipv4.conf.eth0.arp_accept": "0",
"net.ipv4.conf.eth0.arp_announce": "0",
"net.ipv4.conf.eth0.arp_filter": "0",
"net.ipv4.conf.eth0.arp_ignore": "0",
"net.ipv4.conf.eth0.arp_notify": "0",
"net.ipv4.conf.eth0.bc_forwarding": "0",
"net.ipv4.conf.eth0.bootp_relay": "0",
"net.ipv4.conf.eth0.disable_policy": "0",
"net.ipv4.conf.eth0.disable_xfrm": "0",
"net.ipv4.conf.eth0.drop_gratuitous_arp": "0",
"net.ipv4.conf.eth0.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.eth0.force_igmp_version": "0",
"net.ipv4.conf.eth0.forwarding": "1",
"net.ipv4.conf.eth0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.eth0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.eth0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.eth0.log_martians": "0",
"net.ipv4.conf.eth0.mc_forwarding": "0",
"net.ipv4.conf.eth0.medium_id": "0",
"net.ipv4.conf.eth0.promote_secondaries": "1",
"net.ipv4.conf.eth0.proxy_arp": "0",
"net.ipv4.conf.eth0.proxy_arp_pvlan": "0",
"net.ipv4.conf.eth0.route_localnet": "0",
"net.ipv4.conf.eth0.rp_filter": "2",
"net.ipv4.conf.eth0.secure_redirects": "1",
"net.ipv4.conf.eth0.send_redirects": "1",
"net.ipv4.conf.eth0.shared_media": "1",
"net.ipv4.conf.eth0.src_valid_mark": "0",
"net.ipv4.conf.eth0.tag": "0",
"net.ipv4.conf.lo.accept_local": "0",
"net.ipv4.conf.lo.accept_redirects": "1",
"net.ipv4.conf.lo.accept_source_route": "1",
```

"net.ipv4.conf.lo.arp_accept": "0",
"net.ipv4.conf.lo.arp_announce": "0",
"net.ipv4.conf.lo.arp_filter": "0",
"net.ipv4.conf.lo.arp_ignore": "0",
"net.ipv4.conf.lo.arp_notify": "0",
"net.ipv4.conf.lo.bc_forwarding": "0",
"net.ipv4.conf.lo.bootp_relay": "0",
"net.ipv4.conf.lo.disable_policy": "1",
"net.ipv4.conf.lo.disable_xfrm": "1",
"net.ipv4.conf.lo.drop_gratuitous_arp": "0",
"net.ipv4.conf.lo.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.lo.force_igmp_version": "0",
"net.ipv4.conf.lo.forwarding": "1",
"net.ipv4.conf.lo.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.lo.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.lo.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.lo.log_martians": "0",
"net.ipv4.conf.lo.mc_forwarding": "0",
"net.ipv4.conf.lo.medium_id": "0",
"net.ipv4.conf.lo.promote_secondaries": "1",
"net.ipv4.conf.lo.proxy_arp": "0",
"net.ipv4.conf.lo.proxy_arp_pvlan": "0",
"net.ipv4.conf.lo.route_localnet": "0",
"net.ipv4.conf.lo.rp_filter": "0",
"net.ipv4.conf.lo.secure_redirects": "1",
"net.ipv4.conf.lo.send_redirects": "1",
"net.ipv4.conf.lo.shared_media": "1",
"net.ipv4.conf.lo.src_valid_mark": "0",
"net.ipv4.conf.lo.tag": "0",
"net.ipv4.conf.tun0.accept_local": "0",
"net.ipv4.conf.tun0.accept_redirects": "1",
"net.ipv4.conf.tun0.accept_source_route": "1",
"net.ipv4.conf.tun0.arp_accept": "0",

"net.ipv4.conf.tun0.arp_announce": "0",
"net.ipv4.conf.tun0.arp_filter": "0",
"net.ipv4.conf.tun0.arp_ignore": "0",
"net.ipv4.conf.tun0.arp_notify": "0",
"net.ipv4.conf.tun0.bc_forwarding": "0",
"net.ipv4.conf.tun0.bootp_relay": "0",
"net.ipv4.conf.tun0.disable_policy": "0",
"net.ipv4.conf.tun0.disable_xfrm": "0",
"net.ipv4.conf.tun0.drop_gratuitous_arp": "0",
"net.ipv4.conf.tun0.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.tun0.force_igmp_version": "0",
"net.ipv4.conf.tun0.forwarding": "1",
"net.ipv4.conf.tun0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.tun0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.tun0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.tun0.log_martians": "0",
"net.ipv4.conf.tun0.mc_forwarding": "0",
"net.ipv4.conf.tun0.medium_id": "0",
"net.ipv4.conf.tun0.promote_secondaries": "1",
"net.ipv4.conf.tun0.proxy_arp": "0",
"net.ipv4.conf.tun0.proxy_arp_pvlan": "0",
"net.ipv4.conf.tun0.route_localnet": "0",
"net.ipv4.conf.tun0.rp_filter": "2",
"net.ipv4.conf.tun0.secure_redirects": "1",
"net.ipv4.conf.tun0.send_redirects": "1",
"net.ipv4.conf.tun0.shared_media": "1",
"net.ipv4.conf.tun0.src_valid_mark": "0",
"net.ipv4.conf.tun0.tag": "0",
"net.ipv4.conf.vboxnet0.accept_local": "0",
"net.ipv4.conf.vboxnet0.accept_redirects": "1",
"net.ipv4.conf.vboxnet0.accept_source_route": "1",
"net.ipv4.conf.vboxnet0.arp_accept": "0",
"net.ipv4.conf.vboxnet0.arp_announce": "0",

"net.ipv4.conf.vboxnet0.arp_filter": "0",
"net.ipv4.conf.vboxnet0.arp_ignore": "0",
"net.ipv4.conf.vboxnet0.arp_notify": "0",
"net.ipv4.conf.vboxnet0.bc_forwarding": "0",
"net.ipv4.conf.vboxnet0.bootp_relay": "0",
"net.ipv4.conf.vboxnet0.disable_policy": "0",
"net.ipv4.conf.vboxnet0.disable_xfrm": "0",
"net.ipv4.conf.vboxnet0.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet0.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet0.force_igmp_version": "0",
"net.ipv4.conf.vboxnet0.forwarding": "1",
"net.ipv4.conf.vboxnet0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet0.log_martians": "0",
"net.ipv4.conf.vboxnet0.mc_forwarding": "0",
"net.ipv4.conf.vboxnet0.medium_id": "0",
"net.ipv4.conf.vboxnet0.promote_secondaries": "1",
"net.ipv4.conf.vboxnet0.proxy_arp": "0",
"net.ipv4.conf.vboxnet0.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet0.route_localnet": "0",
"net.ipv4.conf.vboxnet0.rp_filter": "2",
"net.ipv4.conf.vboxnet0.secure_redirects": "1",
"net.ipv4.conf.vboxnet0.send_redirects": "1",
"net.ipv4.conf.vboxnet0.shared_media": "1",
"net.ipv4.conf.vboxnet0.src_valid_mark": "0",
"net.ipv4.conf.vboxnet0.tag": "0",
"net.ipv4.conf.vboxnet1.accept_local": "0",
"net.ipv4.conf.vboxnet1.accept_redirects": "1",
"net.ipv4.conf.vboxnet1.accept_source_route": "1",
"net.ipv4.conf.vboxnet1.arp_accept": "0",
"net.ipv4.conf.vboxnet1.arp_announce": "0",
"net.ipv4.conf.vboxnet1.arp_filter": "0",

"net.ipv4.conf.vboxnet1.arp_ignore": "0",
"net.ipv4.conf.vboxnet1.arp_notify": "0",
"net.ipv4.conf.vboxnet1.bc_forwarding": "0",
"net.ipv4.conf.vboxnet1.bootp_relay": "0",
"net.ipv4.conf.vboxnet1.disable_policy": "0",
"net.ipv4.conf.vboxnet1.disable_xfrm": "0",
"net.ipv4.conf.vboxnet1.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet1.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet1.force_igmp_version": "0",
"net.ipv4.conf.vboxnet1.forwarding": "1",
"net.ipv4.conf.vboxnet1.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet1.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet1.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet1.log_martians": "0",
"net.ipv4.conf.vboxnet1.mc_forwarding": "0",
"net.ipv4.conf.vboxnet1.medium_id": "0",
"net.ipv4.conf.vboxnet1.promote_secondaries": "1",
"net.ipv4.conf.vboxnet1.proxy_arp": "0",
"net.ipv4.conf.vboxnet1.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet1.route_localnet": "0",
"net.ipv4.conf.vboxnet1.rp_filter": "2",
"net.ipv4.conf.vboxnet1.secure_redirects": "1",
"net.ipv4.conf.vboxnet1.send_redirects": "1",
"net.ipv4.conf.vboxnet1.shared_media": "1",
"net.ipv4.conf.vboxnet1.src_valid_mark": "0",
"net.ipv4.conf.vboxnet1.tag": "0",
"net.ipv4.conf.vboxnet10.accept_local": "0",
"net.ipv4.conf.vboxnet10.accept_redirects": "1",
"net.ipv4.conf.vboxnet10.accept_source_route": "1",
"net.ipv4.conf.vboxnet10.arp_accept": "0",
"net.ipv4.conf.vboxnet10.arp_announce": "0",
"net.ipv4.conf.vboxnet10.arp_filter": "0",
"net.ipv4.conf.vboxnet10.arp_ignore": "0",

```
"net.ipv4.conf.vboxnet10.arp_notify": "0",
"net.ipv4.conf.vboxnet10.bc_forwarding": "0",
"net.ipv4.conf.vboxnet10.bootp_relay": "0",
"net.ipv4.conf.vboxnet10.disable_policy": "0",
"net.ipv4.conf.vboxnet10.disable_xfrm": "0",
"net.ipv4.conf.vboxnet10.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet10.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.vboxnet10.force_igmp_version": "0",
"net.ipv4.conf.vboxnet10.forwarding": "1",
"net.ipv4.conf.vboxnet10.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet10.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet10.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet10.log_martians": "0",
"net.ipv4.conf.vboxnet10.mc_forwarding": "0",
"net.ipv4.conf.vboxnet10.medium_id": "0",
"net.ipv4.conf.vboxnet10.promote_secondaries": "1",
"net.ipv4.conf.vboxnet10.proxy_arp": "0",
"net.ipv4.conf.vboxnet10.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet10.route_localnet": "0",
"net.ipv4.conf.vboxnet10.rp_filter": "2",
"net.ipv4.conf.vboxnet10.secure_redirects": "1",
"net.ipv4.conf.vboxnet10.send_redirects": "1",
"net.ipv4.conf.vboxnet10.shared_media": "1",
"net.ipv4.conf.vboxnet10.src_valid_mark": "0",
"net.ipv4.conf.vboxnet10.tag": "0",
"net.ipv4.conf.vboxnet11.accept_local": "0",
"net.ipv4.conf.vboxnet11.accept_redirects": "1",
"net.ipv4.conf.vboxnet11.accept_source_route": "1",
"net.ipv4.conf.vboxnet11.arp_accept": "0",
"net.ipv4.conf.vboxnet11.arp_announce": "0",
"net.ipv4.conf.vboxnet11.arp_filter": "0",
"net.ipv4.conf.vboxnet11.arp_ignore": "0",
"net.ipv4.conf.vboxnet11.arp_notify": "0",
```

```
"net.ipv4.conf.vboxnet11.bc_forwarding": "0",
"net.ipv4.conf.vboxnet11.bootp_relay": "0",
"net.ipv4.conf.vboxnet11.disable_policy": "0",
"net.ipv4.conf.vboxnet11.disable_xfrm": "0",
"net.ipv4.conf.vboxnet11.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet11.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet11.force_igmp_version": "0",
"net.ipv4.conf.vboxnet11.forwarding": "1",
"net.ipv4.conf.vboxnet11.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet11.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet11.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet11.log_martians": "0",
"net.ipv4.conf.vboxnet11.mc_forwarding": "0",
"net.ipv4.conf.vboxnet11.medium_id": "0",
"net.ipv4.conf.vboxnet11.promote_secondaries": "1",
"net.ipv4.conf.vboxnet11.proxy_arp": "0",
"net.ipv4.conf.vboxnet11.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet11.route_localnet": "0",
"net.ipv4.conf.vboxnet11.rp_filter": "2",
"net.ipv4.conf.vboxnet11.secure_redirects": "1",
"net.ipv4.conf.vboxnet11.send_redirects": "1",
"net.ipv4.conf.vboxnet11.shared_media": "1",
"net.ipv4.conf.vboxnet11.src_valid_mark": "0",
"net.ipv4.conf.vboxnet11.tag": "0",
"net.ipv4.conf.vboxnet12.accept_local": "0",
"net.ipv4.conf.vboxnet12.accept_redirects": "1",
"net.ipv4.conf.vboxnet12.accept_source_route": "1",
"net.ipv4.conf.vboxnet12.arp_accept": "0",
"net.ipv4.conf.vboxnet12.arp_announce": "0",
"net.ipv4.conf.vboxnet12.arp_filter": "0",
"net.ipv4.conf.vboxnet12.arp_ignore": "0",
"net.ipv4.conf.vboxnet12.arp_notify": "0",
"net.ipv4.conf.vboxnet12.bc_forwarding": "0",
```

```
"net.ipv4.conf.vboxnet12.bootp_relay": "0",
"net.ipv4.conf.vboxnet12.disable_policy": "0",
"net.ipv4.conf.vboxnet12.disable_xfrm": "0",
"net.ipv4.conf.vboxnet12.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet12.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet12.force_igmp_version": "0",
"net.ipv4.conf.vboxnet12.forwarding": "1",
"net.ipv4.conf.vboxnet12.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet12.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet12.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet12.log_martians": "0",
"net.ipv4.conf.vboxnet12.mc_forwarding": "0",
"net.ipv4.conf.vboxnet12.medium_id": "0",
"net.ipv4.conf.vboxnet12.promote_secondaries": "1",
"net.ipv4.conf.vboxnet12.proxy_arp": "0",
"net.ipv4.conf.vboxnet12.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet12.route_localnet": "0",
"net.ipv4.conf.vboxnet12.rp_filter": "2",
"net.ipv4.conf.vboxnet12.secure_redirects": "1",
"net.ipv4.conf.vboxnet12.send_redirects": "1",
"net.ipv4.conf.vboxnet12.shared_media": "1",
"net.ipv4.conf.vboxnet12.src_valid_mark": "0",
"net.ipv4.conf.vboxnet12.tag": "0",
"net.ipv4.conf.vboxnet13.accept_local": "0",
"net.ipv4.conf.vboxnet13.accept_redirects": "1",
"net.ipv4.conf.vboxnet13.accept_source_route": "1",
"net.ipv4.conf.vboxnet13.arp_accept": "0",
"net.ipv4.conf.vboxnet13.arp_announce": "0",
"net.ipv4.conf.vboxnet13.arp_filter": "0",
"net.ipv4.conf.vboxnet13.arp_ignore": "0",
"net.ipv4.conf.vboxnet13.arp_notify": "0",
"net.ipv4.conf.vboxnet13.bc_forwarding": "0",
"net.ipv4.conf.vboxnet13.bootp_relay": "0",
```

"net.ipv4.conf.vboxnet13.disable_policy": "0",
"net.ipv4.conf.vboxnet13.disable_xfrm": "0",
"net.ipv4.conf.vboxnet13.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet13.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet13.force_igmp_version": "0",
"net.ipv4.conf.vboxnet13.forwarding": "1",
"net.ipv4.conf.vboxnet13.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet13.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet13.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet13.log_martians": "0",
"net.ipv4.conf.vboxnet13.mc_forwarding": "0",
"net.ipv4.conf.vboxnet13.medium_id": "0",
"net.ipv4.conf.vboxnet13.promote_secondaries": "1",
"net.ipv4.conf.vboxnet13.proxy_arp": "0",
"net.ipv4.conf.vboxnet13.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet13.route_localnet": "0",
"net.ipv4.conf.vboxnet13.rp_filter": "2",
"net.ipv4.conf.vboxnet13.secure_redirects": "1",
"net.ipv4.conf.vboxnet13.send_redirects": "1",
"net.ipv4.conf.vboxnet13.shared_media": "1",
"net.ipv4.conf.vboxnet13.src_valid_mark": "0",
"net.ipv4.conf.vboxnet13.tag": "0",
"net.ipv4.conf.vboxnet2.accept_local": "0",
"net.ipv4.conf.vboxnet2.accept_redirects": "1",
"net.ipv4.conf.vboxnet2.accept_source_route": "1",
"net.ipv4.conf.vboxnet2.arp_accept": "0",
"net.ipv4.conf.vboxnet2.arp_announce": "0",
"net.ipv4.conf.vboxnet2.arp_filter": "0",
"net.ipv4.conf.vboxnet2.arp_ignore": "0",
"net.ipv4.conf.vboxnet2.arp_notify": "0",
"net.ipv4.conf.vboxnet2.bc_forwarding": "0",
"net.ipv4.conf.vboxnet2.bootp_relay": "0",
"net.ipv4.conf.vboxnet2.disable_policy": "0",

"net.ipv4.conf.vboxnet2.disable_xfrm": "0",
"net.ipv4.conf.vboxnet2.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet2.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet2.force_igmp_version": "0",
"net.ipv4.conf.vboxnet2.forwarding": "1",
"net.ipv4.conf.vboxnet2.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet2.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet2.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet2.log_martians": "0",
"net.ipv4.conf.vboxnet2.mc_forwarding": "0",
"net.ipv4.conf.vboxnet2.medium_id": "0",
"net.ipv4.conf.vboxnet2.promote_secondaries": "1",
"net.ipv4.conf.vboxnet2.proxy_arp": "0",
"net.ipv4.conf.vboxnet2.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet2.route_localnet": "0",
"net.ipv4.conf.vboxnet2.rp_filter": "2",
"net.ipv4.conf.vboxnet2.secure_redirects": "1",
"net.ipv4.conf.vboxnet2.send_redirects": "1",
"net.ipv4.conf.vboxnet2.shared_media": "1",
"net.ipv4.conf.vboxnet2.src_valid_mark": "0",
"net.ipv4.conf.vboxnet2.tag": "0",
"net.ipv4.conf.vboxnet3.accept_local": "0",
"net.ipv4.conf.vboxnet3.accept_redirects": "1",
"net.ipv4.conf.vboxnet3.accept_source_route": "1",
"net.ipv4.conf.vboxnet3.arp_accept": "0",
"net.ipv4.conf.vboxnet3.arp_announce": "0",
"net.ipv4.conf.vboxnet3.arp_filter": "0",
"net.ipv4.conf.vboxnet3.arp_ignore": "0",
"net.ipv4.conf.vboxnet3.arp_notify": "0",
"net.ipv4.conf.vboxnet3.bc_forwarding": "0",
"net.ipv4.conf.vboxnet3.bootp_relay": "0",
"net.ipv4.conf.vboxnet3.disable_policy": "0",
"net.ipv4.conf.vboxnet3.disable_xfrm": "0",

```
"net.ipv4.conf.vboxnet3.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet3.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet3.force_igmp_version": "0",
"net.ipv4.conf.vboxnet3.forwarding": "1",
"net.ipv4.conf.vboxnet3.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet3.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet3.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet3.log_martians": "0",
"net.ipv4.conf.vboxnet3.mc_forwarding": "0",
"net.ipv4.conf.vboxnet3.medium_id": "0",
"net.ipv4.conf.vboxnet3.promote_secondaries": "1",
"net.ipv4.conf.vboxnet3.proxy_arp": "0",
"net.ipv4.conf.vboxnet3.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet3.route_localnet": "0",
"net.ipv4.conf.vboxnet3.rp_filter": "2",
"net.ipv4.conf.vboxnet3.secure_redirects": "1",
"net.ipv4.conf.vboxnet3.send_redirects": "1",
"net.ipv4.conf.vboxnet3.shared_media": "1",
"net.ipv4.conf.vboxnet3.src_valid_mark": "0",
"net.ipv4.conf.vboxnet3.tag": "0",
"net.ipv4.conf.vboxnet4.accept_local": "0",
"net.ipv4.conf.vboxnet4.accept_redirects": "1",
"net.ipv4.conf.vboxnet4.accept_source_route": "1",
"net.ipv4.conf.vboxnet4.arp_accept": "0",
"net.ipv4.conf.vboxnet4.arp_announce": "0",
"net.ipv4.conf.vboxnet4.arp_filter": "0",
"net.ipv4.conf.vboxnet4.arp_ignore": "0",
"net.ipv4.conf.vboxnet4.arp_notify": "0",
"net.ipv4.conf.vboxnet4.bc_forwarding": "0",
"net.ipv4.conf.vboxnet4.bootp_relay": "0",
"net.ipv4.conf.vboxnet4.disable_policy": "0",
"net.ipv4.conf.vboxnet4.disable_xfrm": "0",
"net.ipv4.conf.vboxnet4.drop_gratuitous_arp": "0",
```

"net.ipv4.conf.vboxnet4.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet4.force_igmp_version": "0",
"net.ipv4.conf.vboxnet4.forwarding": "1",
"net.ipv4.conf.vboxnet4.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet4.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet4.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet4.log_martians": "0",
"net.ipv4.conf.vboxnet4.mc_forwarding": "0",
"net.ipv4.conf.vboxnet4.medium_id": "0",
"net.ipv4.conf.vboxnet4.promote_secondaries": "1",
"net.ipv4.conf.vboxnet4.proxy_arp": "0",
"net.ipv4.conf.vboxnet4.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet4.route_localnet": "0",
"net.ipv4.conf.vboxnet4.rp_filter": "2",
"net.ipv4.conf.vboxnet4.secure_redirects": "1",
"net.ipv4.conf.vboxnet4.send_redirects": "1",
"net.ipv4.conf.vboxnet4.shared_media": "1",
"net.ipv4.conf.vboxnet4.src_valid_mark": "0",
"net.ipv4.conf.vboxnet4.tag": "0",
"net.ipv4.conf.vboxnet5.accept_local": "0",
"net.ipv4.conf.vboxnet5.accept_redirects": "1",
"net.ipv4.conf.vboxnet5.accept_source_route": "1",
"net.ipv4.conf.vboxnet5.arp_accept": "0",
"net.ipv4.conf.vboxnet5.arp_announce": "0",
"net.ipv4.conf.vboxnet5.arp_filter": "0",
"net.ipv4.conf.vboxnet5.arp_ignore": "0",
"net.ipv4.conf.vboxnet5.arp_notify": "0",
"net.ipv4.conf.vboxnet5.bc_forwarding": "0",
"net.ipv4.conf.vboxnet5.bootp_relay": "0",
"net.ipv4.conf.vboxnet5.disable_policy": "0",
"net.ipv4.conf.vboxnet5.disable_xfrm": "0",
"net.ipv4.conf.vboxnet5.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet5.drop_unicast_in_12_multicast": "0",

"net.ipv4.conf.vboxnet5.force_igmp_version": "0",
"net.ipv4.conf.vboxnet5.forwarding": "1",
"net.ipv4.conf.vboxnet5.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet5.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet5.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet5.log_martians": "0",
"net.ipv4.conf.vboxnet5.mc_forwarding": "0",
"net.ipv4.conf.vboxnet5.medium_id": "0",
"net.ipv4.conf.vboxnet5.promote_secondaries": "1",
"net.ipv4.conf.vboxnet5.proxy_arp": "0",
"net.ipv4.conf.vboxnet5.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet5.route_localnet": "0",
"net.ipv4.conf.vboxnet5.rp_filter": "2",
"net.ipv4.conf.vboxnet5.secure_redirects": "1",
"net.ipv4.conf.vboxnet5.send_redirects": "1",
"net.ipv4.conf.vboxnet5.shared_media": "1",
"net.ipv4.conf.vboxnet5.src_valid_mark": "0",
"net.ipv4.conf.vboxnet5.tag": "0",
"net.ipv4.conf.vboxnet6.accept_local": "0",
"net.ipv4.conf.vboxnet6.accept_redirects": "1",
"net.ipv4.conf.vboxnet6.accept_source_route": "1",
"net.ipv4.conf.vboxnet6.arp_accept": "0",
"net.ipv4.conf.vboxnet6.arp_announce": "0",
"net.ipv4.conf.vboxnet6.arp_filter": "0",
"net.ipv4.conf.vboxnet6.arp_ignore": "0",
"net.ipv4.conf.vboxnet6.arp_notify": "0",
"net.ipv4.conf.vboxnet6.bc_forwarding": "0",
"net.ipv4.conf.vboxnet6.bootp_relay": "0",
"net.ipv4.conf.vboxnet6.disable_policy": "0",
"net.ipv4.conf.vboxnet6.disable_xfrm": "0",
"net.ipv4.conf.vboxnet6.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet6.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet6.force_igmp_version": "0",

```
"net.ipv4.conf.vboxnet6.forwarding": "1",
"net.ipv4.conf.vboxnet6.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet6.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet6.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet6.log_martians": "0",
"net.ipv4.conf.vboxnet6.mc_forwarding": "0",
"net.ipv4.conf.vboxnet6.medium_id": "0",
"net.ipv4.conf.vboxnet6.promote_secondaries": "1",
"net.ipv4.conf.vboxnet6.proxy_arp": "0",
"net.ipv4.conf.vboxnet6.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet6.route_localnet": "0",
"net.ipv4.conf.vboxnet6.rp_filter": "2",
"net.ipv4.conf.vboxnet6.secure_redirects": "1",
"net.ipv4.conf.vboxnet6.send_redirects": "1",
"net.ipv4.conf.vboxnet6.shared_media": "1",
"net.ipv4.conf.vboxnet6.src_valid_mark": "0",
"net.ipv4.conf.vboxnet6.tag": "0",
"net.ipv4.conf.vboxnet7.accept_local": "0",
"net.ipv4.conf.vboxnet7.accept_redirects": "1",
"net.ipv4.conf.vboxnet7.accept_source_route": "1",
"net.ipv4.conf.vboxnet7.arp_accept": "0",
"net.ipv4.conf.vboxnet7.arp_announce": "0",
"net.ipv4.conf.vboxnet7.arp_filter": "0",
"net.ipv4.conf.vboxnet7.arp_ignore": "0",
"net.ipv4.conf.vboxnet7.arp_notify": "0",
"net.ipv4.conf.vboxnet7.bc_forwarding": "0",
"net.ipv4.conf.vboxnet7.bootp_relay": "0",
"net.ipv4.conf.vboxnet7.disable_policy": "0",
"net.ipv4.conf.vboxnet7.disable_xfrm": "0",
"net.ipv4.conf.vboxnet7.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet7.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet7.force_igmp_version": "0",
"net.ipv4.conf.vboxnet7.forwarding": "1",
```

"net.ipv4.conf.vboxnet7.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet7.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet7.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet7.log_martians": "0",
"net.ipv4.conf.vboxnet7.mc_forwarding": "0",
"net.ipv4.conf.vboxnet7.medium_id": "0",
"net.ipv4.conf.vboxnet7.promote_secondaries": "1",
"net.ipv4.conf.vboxnet7.proxy_arp": "0",
"net.ipv4.conf.vboxnet7.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet7.route_localnet": "0",
"net.ipv4.conf.vboxnet7.rp_filter": "2",
"net.ipv4.conf.vboxnet7.secure_redirects": "1",
"net.ipv4.conf.vboxnet7.send_redirects": "1",
"net.ipv4.conf.vboxnet7.shared_media": "1",
"net.ipv4.conf.vboxnet7.src_valid_mark": "0",
"net.ipv4.conf.vboxnet7.tag": "0",
"net.ipv4.conf.vboxnet8.accept_local": "0",
"net.ipv4.conf.vboxnet8.accept_redirects": "1",
"net.ipv4.conf.vboxnet8.accept_source_route": "1",
"net.ipv4.conf.vboxnet8.arp_accept": "0",
"net.ipv4.conf.vboxnet8.arp_announce": "0",
"net.ipv4.conf.vboxnet8.arp_filter": "0",
"net.ipv4.conf.vboxnet8.arp_ignore": "0",
"net.ipv4.conf.vboxnet8.arp_notify": "0",
"net.ipv4.conf.vboxnet8.bc_forwarding": "0",
"net.ipv4.conf.vboxnet8.bootp_relay": "0",
"net.ipv4.conf.vboxnet8.disable_policy": "0",
"net.ipv4.conf.vboxnet8.disable_xfrm": "0",
"net.ipv4.conf.vboxnet8.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet8.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.vboxnet8.force_igmp_version": "0",
"net.ipv4.conf.vboxnet8.forwarding": "1",
"net.ipv4.conf.vboxnet8.igmpv2_unsolicited_report_interval": "10000",

"net.ipv4.conf.vboxnet8.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet8.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet8.log_martians": "0",
"net.ipv4.conf.vboxnet8.mc_forwarding": "0",
"net.ipv4.conf.vboxnet8.medium_id": "0",
"net.ipv4.conf.vboxnet8.promote_secondaries": "1",
"net.ipv4.conf.vboxnet8.proxy_arp": "0",
"net.ipv4.conf.vboxnet8.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet8.route_localnet": "0",
"net.ipv4.conf.vboxnet8.rp_filter": "2",
"net.ipv4.conf.vboxnet8.secure_redirects": "1",
"net.ipv4.conf.vboxnet8.send_redirects": "1",
"net.ipv4.conf.vboxnet8.shared_media": "1",
"net.ipv4.conf.vboxnet8.src_valid_mark": "0",
"net.ipv4.conf.vboxnet8.tag": "0",
"net.ipv4.conf.vboxnet9.accept_local": "0",
"net.ipv4.conf.vboxnet9.accept_redirects": "1",
"net.ipv4.conf.vboxnet9.accept_source_route": "1",
"net.ipv4.conf.vboxnet9.arp_accept": "0",
"net.ipv4.conf.vboxnet9.arp_announce": "0",
"net.ipv4.conf.vboxnet9.arp_filter": "0",
"net.ipv4.conf.vboxnet9.arp_ignore": "0",
"net.ipv4.conf.vboxnet9.arp_notify": "0",
"net.ipv4.conf.vboxnet9.bc_forwarding": "0",
"net.ipv4.conf.vboxnet9.bootp_relay": "0",
"net.ipv4.conf.vboxnet9.disable_policy": "0",
"net.ipv4.conf.vboxnet9.disable_xfrm": "0",
"net.ipv4.conf.vboxnet9.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet9.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet9.force_igmp_version": "0",
"net.ipv4.conf.vboxnet9.forwarding": "1",
"net.ipv4.conf.vboxnet9.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet9.igmpv3_unsolicited_report_interval": "1000",

"net.ipv4.conf.vboxnet9.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet9.log_martians": "0",
"net.ipv4.conf.vboxnet9.mc_forwarding": "0",
"net.ipv4.conf.vboxnet9.medium_id": "0",
"net.ipv4.conf.vboxnet9.promote_secondaries": "1",
"net.ipv4.conf.vboxnet9.proxy_arp": "0",
"net.ipv4.conf.vboxnet9.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet9.route_localnet": "0",
"net.ipv4.conf.vboxnet9.rp_filter": "2",
"net.ipv4.conf.vboxnet9.secure_redirects": "1",
"net.ipv4.conf.vboxnet9.send_redirects": "1",
"net.ipv4.conf.vboxnet9.shared_media": "1",
"net.ipv4.conf.vboxnet9.src_valid_mark": "0",
"net.ipv4.conf.vboxnet9.tag": "0",
"net.ipv4.conf.virbr0-nic.accept_local": "0",
"net.ipv4.conf.virbr0-nic.accept_redirects": "1",
"net.ipv4.conf.virbr0-nic.accept_source_route": "1",
"net.ipv4.conf.virbr0-nic.arp_accept": "0",
"net.ipv4.conf.virbr0-nic.arp_announce": "0",
"net.ipv4.conf.virbr0-nic.arp_filter": "0",
"net.ipv4.conf.virbr0-nic.arp_ignore": "0",
"net.ipv4.conf.virbr0-nic.arp_notify": "0",
"net.ipv4.conf.virbr0-nic.bc_forwarding": "0",
"net.ipv4.conf.virbr0-nic.bootp_relay": "0",
"net.ipv4.conf.virbr0-nic.disable_policy": "0",
"net.ipv4.conf.virbr0-nic.disable_xfrm": "0",
"net.ipv4.conf.virbr0-nic.drop_gratuitous_arp": "0",
"net.ipv4.conf.virbr0-nic.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.virbr0-nic.force_igmp_version": "0",
"net.ipv4.conf.virbr0-nic.forwarding": "1",
"net.ipv4.conf.virbr0-nic.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.virbr0-nic.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.virbr0-nic.ignore_routes_with_linkdown": "0",

"net.ipv4.conf.virbr0-nic.log_martians": "0",
"net.ipv4.conf.virbr0-nic.mc_forwarding": "0",
"net.ipv4.conf.virbr0-nic.medium_id": "0",
"net.ipv4.conf.virbr0-nic.promote_secondaries": "1",
"net.ipv4.conf.virbr0-nic.proxy_arp": "0",
"net.ipv4.conf.virbr0-nic.proxy_arp_pvlan": "0",
"net.ipv4.conf.virbr0-nic.route_localnet": "0",
"net.ipv4.conf.virbr0-nic.rp_filter": "2",
"net.ipv4.conf.virbr0-nic.secure_redirects": "1",
"net.ipv4.conf.virbr0-nic.send_redirects": "1",
"net.ipv4.conf.virbr0-nic.shared_media": "1",
"net.ipv4.conf.virbr0-nic.src_valid_mark": "0",
"net.ipv4.conf.virbr0-nic.tag": "0",
"net.ipv4.conf.virbr0.accept_local": "0",
"net.ipv4.conf.virbr0.accept_redirects": "1",
"net.ipv4.conf.virbr0.accept_source_route": "1",
"net.ipv4.conf.virbr0.arp_accept": "0",
"net.ipv4.conf.virbr0.arp_announce": "0",
"net.ipv4.conf.virbr0.arp_filter": "0",
"net.ipv4.conf.virbr0.arp_ignore": "0",
"net.ipv4.conf.virbr0.arp_notify": "0",
"net.ipv4.conf.virbr0.bc_forwarding": "0",
"net.ipv4.conf.virbr0.bootp_relay": "0",
"net.ipv4.conf.virbr0.disable_policy": "0",
"net.ipv4.conf.virbr0.disable_xfrm": "0",
"net.ipv4.conf.virbr0.drop_gratuitous_arp": "0",
"net.ipv4.conf.virbr0.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.virbr0.force_igmp_version": "0",
"net.ipv4.conf.virbr0.forwarding": "1",
"net.ipv4.conf.virbr0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.virbr0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.virbr0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.virbr0.log_martians": "0",

```
"net.ipv4.conf.virbr0.mc_forwarding": "0",
"net.ipv4.conf.virbr0.medium_id": "0",
"net.ipv4.conf.virbr0.promote_secondaries": "1",
"net.ipv4.conf.virbr0.proxy_arp": "0",
"net.ipv4.conf.virbr0.proxy_arp_pvlan": "0",
"net.ipv4.conf.virbr0.route_localnet": "0",
"net.ipv4.conf.virbr0.rp_filter": "2",
"net.ipv4.conf.virbr0.secure_redirects": "1",
"net.ipv4.conf.virbr0.send_redirects": "1",
"net.ipv4.conf.virbr0.shared_media": "1",
"net.ipv4.conf.virbr0.src_valid_mark": "0",
"net.ipv4.conf.virbr0.tag": "0",
"net.ipv4.conf.wlan0.accept_local": "0",
"net.ipv4.conf.wlan0.accept_redirects": "1",
"net.ipv4.conf.wlan0.accept_source_route": "1",
"net.ipv4.conf.wlan0.arp_accept": "0",
"net.ipv4.conf.wlan0.arp_announce": "0",
"net.ipv4.conf.wlan0.arp_filter": "0",
"net.ipv4.conf.wlan0.arp_ignore": "0",
"net.ipv4.conf.wlan0.arp_notify": "0",
"net.ipv4.conf.wlan0.bc_forwarding": "0",
"net.ipv4.conf.wlan0.bootp_relay": "0",
"net.ipv4.conf.wlan0.disable_policy": "0",
"net.ipv4.conf.wlan0.disable_xfrm": "0",
"net.ipv4.conf.wlan0.drop_gratuitous_arp": "0",
"net.ipv4.conf.wlan0.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.wlan0.force_igmp_version": "0",
"net.ipv4.conf.wlan0.forwarding": "1",
"net.ipv4.conf.wlan0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.wlan0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.wlan0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.wlan0.log_martians": "0",
"net.ipv4.conf.wlan0.mc_forwarding": "0",
```

"net.ipv4.conf.wlan0.medium_id": "0",
"net.ipv4.conf.wlan0.promote_secondaries": "1",
"net.ipv4.conf.wlan0.proxy_arp": "0",
"net.ipv4.conf.wlan0.proxy_arp_pvlan": "0",
"net.ipv4.conf.wlan0.route_localnet": "0",
"net.ipv4.conf.wlan0.rp_filter": "2",
"net.ipv4.conf.wlan0.secure_redirects": "1",
"net.ipv4.conf.wlan0.send_redirects": "1",
"net.ipv4.conf.wlan0.shared_media": "1",
"net.ipv4.conf.wlan0.src_valid_mark": "0",
"net.ipv4.conf.wlan0.tag": "0",
"net.ipv4.fib_multipath_hash_policy": "0",
"net.ipv4.fib_multipath_use_neigh": "0",
"net.ipv4.fib_sync_mem": "524288",
"net.ipv4.fwmark_reflect": "0",
"net.ipv4.icmp_echo_ignore_all": "0",
"net.ipv4.icmp_echo_ignore_broadcasts": "1",
"net.ipv4.icmp_errors_use_inbound_ifaddr": "0",
"net.ipv4.icmp_ignore_bogus_error_responses": "1",
"net.ipv4.icmp_msgs_burst": "50",
"net.ipv4.icmp_msgs_per_sec": "1000",
"net.ipv4.icmp_ratelimit": "1000",
"net.ipv4.icmp_ratemask": "6168",
"net.ipv4.igmp_link_local_mcast_reports": "1",
"net.ipv4.igmp_max_memberships": "20",
"net.ipv4.igmp_max_msf": "10",
"net.ipv4.igmp_qrv": "2",
"net.ipv4.inet_peer_maxttl": "600",
"net.ipv4.inet_peer_minttl": "120",
"net.ipv4.inet_peer_threshold": "65664",
"net.ipv4.ip_default_ttl": "64",
"net.ipv4.ip_dynaddr": "0",
"net.ipv4.ip_early_demux": "1",

```
"net.ipv4.ip_forward": "1",
"net.ipv4.ip_forward_update_priority": "1",
"net.ipv4.ip_forward_use_pmtu": "0",
"net.ipv4.ip_local_port_range": "32768\t60999",
"net.ipv4.ip_local_reserved_ports": "",
"net.ipv4.ip_no_pmtu_disc": "0",
"net.ipv4.ip_nonlocal_bind": "0",
"net.ipv4.ip_unprivileged_port_start": "1024",
"net.ipv4.ipfrag_high_thresh": "4194304",
"net.ipv4.ipfrag_low_thresh": "3145728",
"net.ipv4.ipfrag_max_dist": "64",
"net.ipv4.ipfrag_secret_interval": "0",
"net.ipv4.ipfrag_time": "30",
"net.ipv4.neigh.default.anycast_delay": "100",
"net.ipv4.neigh.default.app_solicit": "0",
"net.ipv4.neigh.default.base_reachable_time": "30",
"net.ipv4.neigh.default.base_reachable_time_ms": "30000",
"net.ipv4.neigh.default.delay_first_probe_time": "5",
"net.ipv4.neigh.default.gc_interval": "30",
"net.ipv4.neigh.default.gc_stale_time": "60",
"net.ipv4.neigh.default.gc_thresh1": "128",
"net.ipv4.neigh.default.gc_thresh2": "512",
"net.ipv4.neigh.default.gc_thresh3": "1024",
"net.ipv4.neigh.default.locktime": "100",
"net.ipv4.neigh.default.mcast_resolicit": "0",
"net.ipv4.neigh.default.mcast_solicit": "3",
"net.ipv4.neigh.default.proxy_delay": "80",
"net.ipv4.neigh.default.proxy_qlen": "64",
"net.ipv4.neigh.default.retrans_time": "100",
"net.ipv4.neigh.default.retrans_time_ms": "1000",
"net.ipv4.neigh.default.unicast_solicit": "3",
"net.ipv4.neigh.default.unres_qlen": "101",
"net.ipv4.neigh.default.unres_qlen_bytes": "212992",
```

"net.ipv4.neigh.docker0.anycast_delay": "100",
"net.ipv4.neigh.docker0.app_solicit": "0",
"net.ipv4.neigh.docker0.base_reachable_time": "30",
"net.ipv4.neigh.docker0.base_reachable_time_ms": "30000",
"net.ipv4.neigh.docker0.delay_first_probe_time": "5",
"net.ipv4.neigh.docker0.gc_stale_time": "60",
"net.ipv4.neigh.docker0.locktime": "100",
"net.ipv4.neigh.docker0.mcast_resolicit": "0",
"net.ipv4.neigh.docker0.mcast_solicit": "3",
"net.ipv4.neigh.docker0.proxy_delay": "80",
"net.ipv4.neigh.docker0.proxy_qlen": "64",
"net.ipv4.neigh.docker0.retrans_time": "100",
"net.ipv4.neigh.docker0.retrans_time_ms": "1000",
"net.ipv4.neigh.docker0.unicast_solicit": "3",
"net.ipv4.neigh.docker0.unres_qlen": "101",
"net.ipv4.neigh.docker0.unres_qlen_bytes": "212992",
"net.ipv4.neigh.eth0.anycast_delay": "100",
"net.ipv4.neigh.eth0.app_solicit": "0",
"net.ipv4.neigh.eth0.base_reachable_time": "30",
"net.ipv4.neigh.eth0.base_reachable_time_ms": "30000",
"net.ipv4.neigh.eth0.delay_first_probe_time": "5",
"net.ipv4.neigh.eth0.gc_stale_time": "60",
"net.ipv4.neigh.eth0.locktime": "100",
"net.ipv4.neigh.eth0.mcast_resolicit": "0",
"net.ipv4.neigh.eth0.mcast_solicit": "3",
"net.ipv4.neigh.eth0.proxy_delay": "80",
"net.ipv4.neigh.eth0.proxy_qlen": "64",
"net.ipv4.neigh.eth0.retrans_time": "100",
"net.ipv4.neigh.eth0.retrans_time_ms": "1000",
"net.ipv4.neigh.eth0.unicast_solicit": "3",
"net.ipv4.neigh.eth0.unres_qlen": "101",
"net.ipv4.neigh.eth0.unres_qlen_bytes": "212992",
"net.ipv4.neigh.lo.anycast_delay": "100",

"net.ipv4.neigh.lo.app_solicit": "0",
"net.ipv4.neigh.lo.base_reachable_time": "30",
"net.ipv4.neigh.lo.base_reachable_time_ms": "30000",
"net.ipv4.neigh.lo.delay_first_probe_time": "5",
"net.ipv4.neigh.lo.gc_stale_time": "60",
"net.ipv4.neigh.lo.locktime": "100",
"net.ipv4.neigh.lo.mcast_resolicit": "0",
"net.ipv4.neigh.lo.mcast_solicit": "3",
"net.ipv4.neigh.lo.proxy_delay": "80",
"net.ipv4.neigh.lo.proxy_qlen": "64",
"net.ipv4.neigh.lo.retrans_time": "100",
"net.ipv4.neigh.lo.retrans_time_ms": "1000",
"net.ipv4.neigh.lo.unicast_solicit": "3",
"net.ipv4.neigh.lo.unres_qlen": "101",
"net.ipv4.neigh.lo.unres_qlen_bytes": "212992",
"net.ipv4.neigh.tun0.anycast_delay": "100",
"net.ipv4.neigh.tun0.app_solicit": "0",
"net.ipv4.neigh.tun0.base_reachable_time": "30",
"net.ipv4.neigh.tun0.base_reachable_time_ms": "30000",
"net.ipv4.neigh.tun0.delay_first_probe_time": "5",
"net.ipv4.neigh.tun0.gc_stale_time": "60",
"net.ipv4.neigh.tun0.locktime": "100",
"net.ipv4.neigh.tun0.mcast_resolicit": "0",
"net.ipv4.neigh.tun0.mcast_solicit": "3",
"net.ipv4.neigh.tun0.proxy_delay": "80",
"net.ipv4.neigh.tun0.proxy_qlen": "64",
"net.ipv4.neigh.tun0.retrans_time": "100",
"net.ipv4.neigh.tun0.retrans_time_ms": "1000",
"net.ipv4.neigh.tun0.unicast_solicit": "3",
"net.ipv4.neigh.tun0.unres_qlen": "101",
"net.ipv4.neigh.tun0.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet0.anycast_delay": "100",
"net.ipv4.neigh.vboxnet0.app_solicit": "0",

"net.ipv4.neigh.vboxnet0.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet0.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet0.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet0.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet0.locktime": "100",
"net.ipv4.neigh.vboxnet0.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet0.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet0.proxy_delay": "80",
"net.ipv4.neigh.vboxnet0.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet0.retrans_time": "100",
"net.ipv4.neigh.vboxnet0.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet0.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet0.unres_qlen": "101",
"net.ipv4.neigh.vboxnet0.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet1.anycast_delay": "100",
"net.ipv4.neigh.vboxnet1.app_solicit": "0",
"net.ipv4.neigh.vboxnet1.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet1.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet1.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet1.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet1.locktime": "100",
"net.ipv4.neigh.vboxnet1.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet1.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet1.proxy_delay": "80",
"net.ipv4.neigh.vboxnet1.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet1.retrans_time": "100",
"net.ipv4.neigh.vboxnet1.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet1.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet1.unres_qlen": "101",
"net.ipv4.neigh.vboxnet1.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet10.anycast_delay": "100",
"net.ipv4.neigh.vboxnet10.app_solicit": "0",
"net.ipv4.neigh.vboxnet10.base_reachable_time": "30",

"net.ipv4.neigh.vboxnet10.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet10.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet10.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet10.locktime": "100",
"net.ipv4.neigh.vboxnet10.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet10.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet10.proxy_delay": "80",
"net.ipv4.neigh.vboxnet10.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet10.retrans_time": "100",
"net.ipv4.neigh.vboxnet10.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet10.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet10.unres_qlen": "101",
"net.ipv4.neigh.vboxnet10.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet11.anycast_delay": "100",
"net.ipv4.neigh.vboxnet11.app_solicit": "0",
"net.ipv4.neigh.vboxnet11.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet11.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet11.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet11.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet11.locktime": "100",
"net.ipv4.neigh.vboxnet11.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet11.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet11.proxy_delay": "80",
"net.ipv4.neigh.vboxnet11.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet11.retrans_time": "100",
"net.ipv4.neigh.vboxnet11.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet11.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet11.unres_qlen": "101",
"net.ipv4.neigh.vboxnet11.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet12.anycast_delay": "100",
"net.ipv4.neigh.vboxnet12.app_solicit": "0",
"net.ipv4.neigh.vboxnet12.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet12.base_reachable_time_ms": "30000",

"net.ipv4.neigh.vboxnet12.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet12.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet12.locktime": "100",
"net.ipv4.neigh.vboxnet12.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet12.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet12.proxy_delay": "80",
"net.ipv4.neigh.vboxnet12.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet12.retrans_time": "100",
"net.ipv4.neigh.vboxnet12.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet12.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet12.unres_qlen": "101",
"net.ipv4.neigh.vboxnet12.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet13.anycast_delay": "100",
"net.ipv4.neigh.vboxnet13.app_solicit": "0",
"net.ipv4.neigh.vboxnet13.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet13.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet13.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet13.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet13.locktime": "100",
"net.ipv4.neigh.vboxnet13.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet13.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet13.proxy_delay": "80",
"net.ipv4.neigh.vboxnet13.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet13.retrans_time": "100",
"net.ipv4.neigh.vboxnet13.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet13.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet13.unres_qlen": "101",
"net.ipv4.neigh.vboxnet13.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet2.anycast_delay": "100",
"net.ipv4.neigh.vboxnet2.app_solicit": "0",
"net.ipv4.neigh.vboxnet2.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet2.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet2.delay_first_probe_time": "5",

"net.ipv4.neigh.vboxnet2.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet2.locktime": "100",
"net.ipv4.neigh.vboxnet2.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet2.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet2.proxy_delay": "80",
"net.ipv4.neigh.vboxnet2.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet2.retrans_time": "100",
"net.ipv4.neigh.vboxnet2.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet2.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet2.unres_qlen": "101",
"net.ipv4.neigh.vboxnet2.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet3.anycast_delay": "100",
"net.ipv4.neigh.vboxnet3.app_solicit": "0",
"net.ipv4.neigh.vboxnet3.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet3.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet3.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet3.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet3.locktime": "100",
"net.ipv4.neigh.vboxnet3.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet3.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet3.proxy_delay": "80",
"net.ipv4.neigh.vboxnet3.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet3.retrans_time": "100",
"net.ipv4.neigh.vboxnet3.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet3.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet3.unres_qlen": "101",
"net.ipv4.neigh.vboxnet3.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet4.anycast_delay": "100",
"net.ipv4.neigh.vboxnet4.app_solicit": "0",
"net.ipv4.neigh.vboxnet4.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet4.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet4.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet4.gc_stale_time": "60",

"net.ipv4.neigh.vboxnet4.locktime": "100",
"net.ipv4.neigh.vboxnet4.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet4.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet4.proxy_delay": "80",
"net.ipv4.neigh.vboxnet4.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet4.retrans_time": "100",
"net.ipv4.neigh.vboxnet4.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet4.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet4.unres_qlen": "101",
"net.ipv4.neigh.vboxnet4.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet5.anycast_delay": "100",
"net.ipv4.neigh.vboxnet5.app_solicit": "0",
"net.ipv4.neigh.vboxnet5.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet5.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet5.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet5.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet5.locktime": "100",
"net.ipv4.neigh.vboxnet5.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet5.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet5.proxy_delay": "80",
"net.ipv4.neigh.vboxnet5.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet5.retrans_time": "100",
"net.ipv4.neigh.vboxnet5.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet5.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet5.unres_qlen": "101",
"net.ipv4.neigh.vboxnet5.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet6.anycast_delay": "100",
"net.ipv4.neigh.vboxnet6.app_solicit": "0",
"net.ipv4.neigh.vboxnet6.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet6.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet6.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet6.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet6.locktime": "100",

"net.ipv4.neigh.vboxnet6.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet6.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet6.proxy_delay": "80",
"net.ipv4.neigh.vboxnet6.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet6.retrans_time": "100",
"net.ipv4.neigh.vboxnet6.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet6.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet6.unres_qlen": "101",
"net.ipv4.neigh.vboxnet6.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet7.anycast_delay": "100",
"net.ipv4.neigh.vboxnet7.app_solicit": "0",
"net.ipv4.neigh.vboxnet7.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet7.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet7.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet7.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet7.locktime": "100",
"net.ipv4.neigh.vboxnet7.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet7.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet7.proxy_delay": "80",
"net.ipv4.neigh.vboxnet7.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet7.retrans_time": "100",
"net.ipv4.neigh.vboxnet7.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet7.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet7.unres_qlen": "101",
"net.ipv4.neigh.vboxnet7.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet8.anycast_delay": "100",
"net.ipv4.neigh.vboxnet8.app_solicit": "0",
"net.ipv4.neigh.vboxnet8.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet8.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet8.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet8.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet8.locktime": "100",
"net.ipv4.neigh.vboxnet8.mcast_resolicit": "0",

"net.ipv4.neigh.vboxnet8.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet8.proxy_delay": "80",
"net.ipv4.neigh.vboxnet8.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet8.retrans_time": "100",
"net.ipv4.neigh.vboxnet8.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet8.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet8.unres_qlen": "101",
"net.ipv4.neigh.vboxnet8.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet9.anycast_delay": "100",
"net.ipv4.neigh.vboxnet9.app_solicit": "0",
"net.ipv4.neigh.vboxnet9.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet9.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet9.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet9.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet9.locktime": "100",
"net.ipv4.neigh.vboxnet9.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet9.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet9.proxy_delay": "80",
"net.ipv4.neigh.vboxnet9.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet9.retrans_time": "100",
"net.ipv4.neigh.vboxnet9.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet9.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet9.unres_qlen": "101",
"net.ipv4.neigh.vboxnet9.unres_qlen_bytes": "212992",
"net.ipv4.neigh.virbr0-nic.anycast_delay": "100",
"net.ipv4.neigh.virbr0-nic.app_solicit": "0",
"net.ipv4.neigh.virbr0-nic.base_reachable_time": "30",
"net.ipv4.neigh.virbr0-nic.base_reachable_time_ms": "30000",
"net.ipv4.neigh.virbr0-nic.delay_first_probe_time": "5",
"net.ipv4.neigh.virbr0-nic.gc_stale_time": "60",
"net.ipv4.neigh.virbr0-nic.locktime": "100",
"net.ipv4.neigh.virbr0-nic.mcast_resolicit": "0",
"net.ipv4.neigh.virbr0-nic.mcast_solicit": "3",

"net.ipv4.neigh.virbr0-nic.proxy_delay": "80",
"net.ipv4.neigh.virbr0-nic.proxy_qlen": "64",
"net.ipv4.neigh.virbr0-nic.retrans_time": "100",
"net.ipv4.neigh.virbr0-nic.retrans_time_ms": "1000",
"net.ipv4.neigh.virbr0-nic.unicast_solicit": "3",
"net.ipv4.neigh.virbr0-nic.unres_qlen": "101",
"net.ipv4.neigh.virbr0-nic.unres_qlen_bytes": "212992",
"net.ipv4.neigh.virbr0.anycast_delay": "100",
"net.ipv4.neigh.virbr0.app_solicit": "0",
"net.ipv4.neigh.virbr0.base_reachable_time": "30",
"net.ipv4.neigh.virbr0.base_reachable_time_ms": "30000",
"net.ipv4.neigh.virbr0.delay_first_probe_time": "5",
"net.ipv4.neigh.virbr0.gc_stale_time": "60",
"net.ipv4.neigh.virbr0.locktime": "100",
"net.ipv4.neigh.virbr0.mcast_resolicit": "0",
"net.ipv4.neigh.virbr0.mcast_solicit": "3",
"net.ipv4.neigh.virbr0.proxy_delay": "80",
"net.ipv4.neigh.virbr0.proxy_qlen": "64",
"net.ipv4.neigh.virbr0.retrans_time": "100",
"net.ipv4.neigh.virbr0.retrans_time_ms": "1000",
"net.ipv4.neigh.virbr0.unicast_solicit": "3",
"net.ipv4.neigh.virbr0.unres_qlen": "101",
"net.ipv4.neigh.virbr0.unres_qlen_bytes": "212992",
"net.ipv4.neigh.wlan0.anycast_delay": "100",
"net.ipv4.neigh.wlan0.app_solicit": "0",
"net.ipv4.neigh.wlan0.base_reachable_time": "30",
"net.ipv4.neigh.wlan0.base_reachable_time_ms": "30000",
"net.ipv4.neigh.wlan0.delay_first_probe_time": "5",
"net.ipv4.neigh.wlan0.gc_stale_time": "60",
"net.ipv4.neigh.wlan0.locktime": "100",
"net.ipv4.neigh.wlan0.mcast_resolicit": "0",
"net.ipv4.neigh.wlan0.mcast_solicit": "3",
"net.ipv4.neigh.wlan0.proxy_delay": "80",

"net.ipv4.neigh.wlan0.proxy_qlen": "64",
"net.ipv4.neigh.wlan0.retrans_time": "100",
"net.ipv4.neigh.wlan0.retrans_time_ms": "1000",
"net.ipv4.neigh.wlan0.uchain_solicit": "3",
"net.ipv4.neigh.wlan0.unres_qlen": "101",
"net.ipv4.neigh.wlan0.unres_qlen_bytes": "212992",
"net.ipv4.ping_group_range": "0\t2147483647",
"net.ipv4.raw_13mdev_accept": "1",
"net.ipv4.route.error_burst": "5000",
"net.ipv4.route.error_cost": "1000",
"net.ipv4.route.gc_elasticity": "8",
"net.ipv4.route.gc_interval": "60",
"net.ipv4.route.gc_min_interval": "0",
"net.ipv4.route.gc_min_interval_ms": "500",
"net.ipv4.route.gc_thresh": "-1",
"net.ipv4.route.gc_timeout": "300",
"net.ipv4.route.max_size": "2147483647",
"net.ipv4.route.min_adv_mss": "256",
"net.ipv4.route.min_pmtu": "552",
"net.ipv4.route.mtu_expires": "600",
"net.ipv4.route.redirect_load": "20",
"net.ipv4.route.redirect_number": "9",
"net.ipv4.route.redirect_silence": "20480",
"net.ipv4.tcp_abort_on_overflow": "0",
"net.ipv4.tcp_adv_win_scale": "1",
"net.ipv4.tcp_allowed_congestion_control": "reno cubic",
"net.ipv4.tcp_app_win": "31",
"net.ipv4.tcp_autocorking": "1",
"net.ipv4.tcp_available_congestion_control": "reno cubic",
"net.ipv4.tcp_available_ulp": "",
"net.ipv4.tcp_base_mss": "1024",
"net.ipv4.tcp_challenge_ack_limit": "1000",
"net.ipv4.tcp_comp_sack_delay_ns": "1000000",

"net.ipv4.tcp_comp_sack_nr": "44",
"net.ipv4.tcp_congestion_control": "cubic",
"net.ipv4.tcp_dsack": "1",
"net.ipv4.tcp_early_demux": "1",
"net.ipv4.tcp_early_retrans": "3",
"net.ipv4.tcp_ecn": "2",
"net.ipv4.tcp_ecn_fallback": "1",
"net.ipv4.tcp_fack": "0",
"net.ipv4.tcp_fastopen": "1",
"net.ipv4.tcp_fastopen_blackhole_timeout_sec": "3600",
"net.ipv4.tcp_fin_timeout": "60",
"net.ipv4.tcp_frto": "2",
"net.ipv4.tcp_fwmark_accept": "0",
"net.ipv4.tcp_invalid_ratelimit": "500",
"net.ipv4.tcp_keepalive_intvl": "75",
"net.ipv4.tcp_keepalive_probes": "9",
"net.ipv4.tcp_keepalive_time": "7200",
"net.ipv4.tcp_l3mdev_accept": "0",
"net.ipv4.tcp_limit_output_bytes": "1048576",
"net.ipv4.tcp_low_latency": "0",
"net.ipv4.tcp_max_orphans": "131072",
"net.ipv4.tcp_max_reordering": "300",
"net.ipv4.tcp_max_syn_backlog": "2048",
"net.ipv4.tcp_max_tw_buckets": "131072",
"net.ipv4.tcp_mem": "381744\t508994\t763488",
"net.ipv4.tcp_min_rtt_wlen": "300",
"net.ipv4.tcp_min_snd_mss": "48",
"net.ipv4.tcp_min_tso_segs": "2",
"net.ipv4.tcp_moderate_rcvbuf": "1",
"net.ipv4.tcp_mtu_probe_floor": "48",
"net.ipv4.tcp_mtu_probing": "0",
"net.ipv4.tcp_no_metrics_save": "0",
"net.ipv4.tcp_notsent_lowat": "4294967295",

"net.ipv4.tcp_orphan_retries": "0",
"net.ipv4.tcp_pacing_ca_ratio": "120",
"net.ipv4.tcp_pacing_ss_ratio": "200",
"net.ipv4.tcp_probe_interval": "600",
"net.ipv4.tcp_probe_threshold": "8",
"net.ipv4.tcp_recovery": "1",
"net.ipv4.tcp_reordering": "3",
"net.ipv4.tcp_retrans_collapse": "1",
"net.ipv4.tcp_retries1": "3",
"net.ipv4.tcp_retries2": "15",
"net.ipv4.tcp_rfc1337": "0",
"net.ipv4.tcp_rmem": "4096\t131072\t6291456",
"net.ipv4.tcp_rx_skb_cache": "0",
"net.ipv4.tcp_sack": "1",
"net.ipv4.tcp_slow_start_after_idle": "1",
"net.ipv4.tcp_stdurg": "0",
"net.ipv4.tcp_syn_retries": "6",
"net.ipv4.tcp_synack_retries": "5",
"net.ipv4.tcp_syncookies": "1",
"net.ipv4.tcp_thin_linear_timeouts": "0",
"net.ipv4.tcp_timestamps": "1",
"net.ipv4.tcp_tso_win_divisor": "3",
"net.ipv4.tcp_tw_reuse": "2",
"net.ipv4.tcp_tx_skb_cache": "0",
"net.ipv4.tcp_window_scaling": "1",
"net.ipv4.tcp_wmem": "4096\t16384\t4194304",
"net.ipv4.tcp_workaround_signed_windows": "0",
"net.ipv4.udp_early_demux": "1",
"net.ipv4.udp_l3mdev_accept": "0",
"net.ipv4.udp_mem": "763491\t1017988\t1526982",
"net.ipv4.udp_rmem_min": "4096",
"net.ipv4.udp_wmem_min": "4096",
"net.ipv4.xfrm4_gc_thresh": "32768",

"net.ipv6.anycast_src_echo_reply": "0",
"net.ipv6.auto_flowlabels": "1",
"net.ipv6.bindv6only": "0",
"net.ipv6.calipso_cache_bucket_size": "10",
"net.ipv6.calipso_cache_enable": "1",
"net.ipv6.conf.all.accept_dad": "0",
"net.ipv6.conf.all.accept_ra": "1",
"net.ipv6.conf.all.accept_ra_defrtr": "1",
"net.ipv6.conf.all.accept_ra_from_local": "0",
"net.ipv6.conf.all.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.all.accept_ra_mtu": "1",
"net.ipv6.conf.all.accept_ra_pinfo": "1",
"net.ipv6.conf.all.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.all.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.all.accept_ra_rtr_pref": "1",
"net.ipv6.conf.all.accept_redirects": "1",
"net.ipv6.conf.all.accept_source_route": "0",
"net.ipv6.conf.all.addr_gen_mode": "0",
"net.ipv6.conf.all.autoconf": "1",
"net.ipv6.conf.all.dad_transmits": "1",
"net.ipv6.conf.all.disable_ipv6": "0",
"net.ipv6.conf.all.disable_policy": "0",
"net.ipv6.conf.all.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.all.drop_unsolicited_na": "0",
"net.ipv6.conf.all.enhanced_dad": "1",
"net.ipv6.conf.all.force_mld_version": "0",
"net.ipv6.conf.all.force_tllao": "0",
"net.ipv6.conf.all.forwarding": "0",
"net.ipv6.conf.all.hop_limit": "64",
"net.ipv6.conf.all.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.all.keep_addr_on_down": "0",
"net.ipv6.conf.all.max_addresses": "16",
"net.ipv6.conf.all.max_desync_factor": "600",

```
"net.ipv6.conf.all.mc_forwarding": "0",
"net.ipv6.conf.all.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.all.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.all.mtu": "1280",
"net.ipv6.conf.all.ndisc_notify": "0",
"net.ipv6.conf.all.ndisc_tclass": "0",
"net.ipv6.conf.all.proxy_ndp": "0",
"net.ipv6.conf.all.regen_max_retry": "3",
"net.ipv6.conf.all.router_probe_interval": "60",
"net.ipv6.conf.all.router_solicitation_delay": "1",
"net.ipv6.conf.all.router_solicitation_interval": "4",
"net.ipv6.conf.all.router_solicitation_max_interval": "3600",
"net.ipv6.conf.all.router_solicitations": "-1",
"net.ipv6.conf.all.seg6_enabled": "0",
"net.ipv6.conf.all.seg6_require_hmac": "0",
"net.ipv6.conf.all.suppress_frag_ndisc": "1",
"net.ipv6.conf.all.temp_prefered_lft": "86400",
"net.ipv6.conf.all.temp_valid_lft": "604800",
"net.ipv6.conf.all.use_oif_addrs_only": "0",
"net.ipv6.conf.all.use_tempaddr": "2",
"net.ipv6.conf.default.accept_dad": "1",
"net.ipv6.conf.default.accept_ra": "1",
"net.ipv6.conf.default.accept_ra_defrtr": "1",
"net.ipv6.conf.default.accept_ra_from_local": "0",
"net.ipv6.conf.default.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.default.accept_ra_mtu": "1",
"net.ipv6.conf.default.accept_ra_pinfo": "1",
"net.ipv6.conf.default.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.default.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.default.accept_ra_rtr_pref": "1",
"net.ipv6.conf.default.accept_redirects": "1",
"net.ipv6.conf.default.accept_source_route": "0",
"net.ipv6.conf.default.addr_gen_mode": "0",
```

```
"net.ipv6.conf.default.autoconf": "1",
"net.ipv6.conf.default.dad_transmits": "1",
"net.ipv6.conf.default.disable_ipv6": "0",
"net.ipv6.conf.default.disable_policy": "0",
"net.ipv6.conf.default.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.default.drop_unsolicited_na": "0",
"net.ipv6.conf.default.enhanced_dad": "1",
"net.ipv6.conf.default.force_mld_version": "0",
"net.ipv6.conf.default.force_tllao": "0",
"net.ipv6.conf.default.forwarding": "0",
"net.ipv6.conf.default.hop_limit": "64",
"net.ipv6.conf.default.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.default.keep_addr_on_down": "0",
"net.ipv6.conf.default.max_addresses": "16",
"net.ipv6.conf.default.max_desync_factor": "600",
"net.ipv6.conf.default.mc_forwarding": "0",
"net.ipv6.conf.default.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.default.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.default.mtu": "1280",
"net.ipv6.conf.default.ndisc_notify": "0",
"net.ipv6.conf.default.ndisc_tclass": "0",
"net.ipv6.conf.default.proxy_ndp": "0",
"net.ipv6.conf.default.regen_max_retry": "3",
"net.ipv6.conf.default.router_probe_interval": "60",
"net.ipv6.conf.default.router_solicitation_delay": "1",
"net.ipv6.conf.default.router_solicitation_interval": "4",
"net.ipv6.conf.default.router_solicitation_max_interval": "3600",
"net.ipv6.conf.default.router_solicitations": "-1",
"net.ipv6.conf.default.seg6_enabled": "0",
"net.ipv6.conf.default.seg6_require_hmac": "0",
"net.ipv6.conf.default.suppress_frag_ndisc": "1",
"net.ipv6.conf.default.temp_preferred_lft": "86400",
"net.ipv6.conf.default.temp_valid_lft": "604800",
```

```
"net.ipv6.conf.default.use_oif_addrs_only": "0",
"net.ipv6.conf.default.use_tempaddr": "2",
"net.ipv6.conf.docker0.accept_dad": "1",
"net.ipv6.conf.docker0.accept_ra": "1",
"net.ipv6.conf.docker0.accept_ra_defrtr": "1",
"net.ipv6.conf.docker0.accept_ra_from_local": "0",
"net.ipv6.conf.docker0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.docker0.accept_ra_mtu": "1",
"net.ipv6.conf.docker0.accept_ra_pinfo": "1",
"net.ipv6.conf.docker0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.docker0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.docker0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.docker0.accept_redirects": "1",
"net.ipv6.conf.docker0.accept_source_route": "0",
"net.ipv6.conf.docker0.addr_gen_mode": "0",
"net.ipv6.conf.docker0.autoconf": "1",
"net.ipv6.conf.docker0.dad_transmits": "1",
"net.ipv6.conf.docker0.disable_ipv6": "0",
"net.ipv6.conf.docker0.disable_policy": "0",
"net.ipv6.conf.docker0.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.docker0.drop_unsolicited_na": "0",
"net.ipv6.conf.docker0.enhanced_dad": "1",
"net.ipv6.conf.docker0.force_mld_version": "0",
"net.ipv6.conf.docker0.force_tllao": "0",
"net.ipv6.conf.docker0.forwarding": "0",
"net.ipv6.conf.docker0.hop_limit": "64",
"net.ipv6.conf.docker0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.docker0.keep_addr_on_down": "0",
"net.ipv6.conf.docker0.max_addresses": "16",
"net.ipv6.conf.docker0.max_desync_factor": "600",
"net.ipv6.conf.docker0.mc_forwarding": "0",
"net.ipv6.conf.docker0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.docker0.mldv2_unsolicited_report_interval": "1000",
```

```
"net.ipv6.conf.docker0.mtu": "1500",
"net.ipv6.conf.docker0.ndisc_notify": "0",
"net.ipv6.conf.docker0.ndisc_tclass": "0",
"net.ipv6.conf.docker0.proxy_ndp": "0",
"net.ipv6.conf.docker0.regen_max_retry": "3",
"net.ipv6.conf.docker0.router_probe_interval": "60",
"net.ipv6.conf.docker0.router_solicitation_delay": "1",
"net.ipv6.conf.docker0.router_solicitation_interval": "4",
"net.ipv6.conf.docker0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.docker0.router_solicitations": "-1",
"net.ipv6.conf.docker0.seg6_enabled": "0",
"net.ipv6.conf.docker0.seg6_require_hmac": "0",
"net.ipv6.conf.docker0.suppress_frag_ndisc": "1",
"net.ipv6.conf.docker0.temp_preferred_lft": "86400",
"net.ipv6.conf.docker0.temp_valid_lft": "604800",
"net.ipv6.conf.docker0.use_oif_addrs_only": "0",
"net.ipv6.conf.docker0.use_tempaddr": "2",
"net.ipv6.conf.eth0.accept_dad": "1",
"net.ipv6.conf.eth0.accept_ra": "0",
"net.ipv6.conf.eth0.accept_ra_defrtr": "1",
"net.ipv6.conf.eth0.accept_ra_from_local": "0",
"net.ipv6.conf.eth0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.eth0.accept_ra_mtu": "1",
"net.ipv6.conf.eth0.accept_ra_pinfo": "1",
"net.ipv6.conf.eth0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.eth0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.eth0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.eth0.accept_redirects": "1",
"net.ipv6.conf.eth0.accept_source_route": "0",
"net.ipv6.conf.eth0.addr_gen_mode": "1",
"net.ipv6.conf.eth0.autoconf": "1",
"net.ipv6.conf.eth0.dad_transmits": "1",
"net.ipv6.conf.eth0.disable_ipv6": "0",
```

"net.ipv6.conf.eth0.disable_policy": "0",
"net.ipv6.conf.eth0.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.eth0.drop_unsolicited_na": "0",
"net.ipv6.conf.eth0.enhanced_dad": "1",
"net.ipv6.conf.eth0.force_mld_version": "0",
"net.ipv6.conf.eth0.force_tllao": "0",
"net.ipv6.conf.eth0.forwarding": "0",
"net.ipv6.conf.eth0.hop_limit": "64",
"net.ipv6.conf.eth0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.eth0.keep_addr_on_down": "0",
"net.ipv6.conf.eth0.max_addresses": "16",
"net.ipv6.conf.eth0.max_desync_factor": "600",
"net.ipv6.conf.eth0.mc_forwarding": "0",
"net.ipv6.conf.eth0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.eth0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.eth0.mtu": "1500",
"net.ipv6.conf.eth0.ndisc_notify": "0",
"net.ipv6.conf.eth0.ndisc_tcclass": "0",
"net.ipv6.conf.eth0.proxy_ndp": "0",
"net.ipv6.conf.eth0.regen_max_retry": "3",
"net.ipv6.conf.eth0.router_probe_interval": "60",
"net.ipv6.conf.eth0.router_solicitation_delay": "1",
"net.ipv6.conf.eth0.router_solicitation_interval": "4",
"net.ipv6.conf.eth0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.eth0.router_solicitations": "-1",
"net.ipv6.conf.eth0.seg6_enabled": "0",
"net.ipv6.conf.eth0.seg6_require_hmac": "0",
"net.ipv6.conf.eth0.suppress_frag_ndisc": "1",
"net.ipv6.conf.eth0.temp_prefered_lft": "86400",
"net.ipv6.conf.eth0.temp_valid_lft": "604800",
"net.ipv6.conf.eth0.use_oif_addrs_only": "0",
"net.ipv6.conf.eth0.use_tempaddr": "0",
"net.ipv6.conf.lo.accept_dad": "-1",

```
"net.ipv6.conf.lo.accept_ra": "1",
"net.ipv6.conf.lo.accept_ra_defrtr": "1",
"net.ipv6.conf.lo.accept_ra_from_local": "0",
"net.ipv6.conf.lo.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.lo.accept_ra_mtu": "1",
"net.ipv6.conf.lo.accept_ra_pinfo": "1",
"net.ipv6.conf.lo.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.lo.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.lo.accept_ra_rtr_pref": "1",
"net.ipv6.conf.lo.accept_redirects": "1",
"net.ipv6.conf.lo.accept_source_route": "0",
"net.ipv6.conf.lo.addr_gen_mode": "0",
"net.ipv6.conf.lo.autoconf": "1",
"net.ipv6.conf.lo.dad_transmits": "1",
"net.ipv6.conf.lo.disable_ipv6": "0",
"net.ipv6.conf.lo.disable_policy": "0",
"net.ipv6.conf.lo.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.lo.drop_unsolicited_na": "0",
"net.ipv6.conf.lo.enhanced_dad": "1",
"net.ipv6.conf.lo.force_mld_version": "0",
"net.ipv6.conf.lo.force_tllao": "0",
"net.ipv6.conf.lo.forwarding": "0",
"net.ipv6.conf.lo.hop_limit": "64",
"net.ipv6.conf.lo.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.lo.keep_addr_on_down": "0",
"net.ipv6.conf.lo.max_addresses": "16",
"net.ipv6.conf.lo.max_desync_factor": "600",
"net.ipv6.conf.lo.mc_forwarding": "0",
"net.ipv6.conf.lo.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.lo.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.lo.mtu": "65536",
"net.ipv6.conf.lo.ndisc_notify": "0",
"net.ipv6.conf.lo.ndisc_tclass": "0",
```

```
"net.ipv6.conf.lo.proxy_ndp": "0",
"net.ipv6.conf.lo.regen_max_retry": "3",
"net.ipv6.conf.lo.router_probe_interval": "60",
"net.ipv6.conf.lo.router_solicitation_delay": "1",
"net.ipv6.conf.lo.router_solicitation_interval": "4",
"net.ipv6.conf.lo.router_solicitation_max_interval": "3600",
"net.ipv6.conf.lo.router_solicitations": "-1",
"net.ipv6.conf.lo.seg6_enabled": "0",
"net.ipv6.conf.lo.seg6_require_hmac": "0",
"net.ipv6.conf.lo.suppress_frag_ndisc": "1",
"net.ipv6.conf.lo.temp_prefered_lft": "86400",
"net.ipv6.conf.lo.temp_valid_lft": "604800",
"net.ipv6.conf.lo.use_oif_addrs_only": "0",
"net.ipv6.conf.lo.use_tempaddr": "-1",
"net.ipv6.conf.tun0.accept_dad": "-1",
"net.ipv6.conf.tun0.accept_ra": "1",
"net.ipv6.conf.tun0.accept_ra_defrtr": "1",
"net.ipv6.conf.tun0.accept_ra_from_local": "0",
"net.ipv6.conf.tun0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.tun0.accept_ra_mtu": "1",
"net.ipv6.conf.tun0.accept_ra_pinfo": "1",
"net.ipv6.conf.tun0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.tun0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.tun0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.tun0.accept_redirects": "1",
"net.ipv6.conf.tun0.accept_source_route": "0",
"net.ipv6.conf.tun0.addr_gen_mode": "3",
"net.ipv6.conf.tun0.autoconf": "1",
"net.ipv6.conf.tun0.dad_transmits": "1",
"net.ipv6.conf.tun0.disable_ipv6": "0",
"net.ipv6.conf.tun0.disable_policy": "0",
"net.ipv6.conf.tun0.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.tun0.drop_unsolicited_na": "0",
```

```
"net.ipv6.conf.tun0.enhanced_dad": "1",
"net.ipv6.conf.tun0.force_mld_version": "0",
"net.ipv6.conf.tun0.force_tllao": "0",
"net.ipv6.conf.tun0.forwarding": "0",
"net.ipv6.conf.tun0.hop_limit": "64",
"net.ipv6.conf.tun0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.tun0.keep_addr_on_down": "0",
"net.ipv6.conf.tun0.max_addresses": "16",
"net.ipv6.conf.tun0.max_desync_factor": "600",
"net.ipv6.conf.tun0.mc_forwarding": "0",
"net.ipv6.conf.tun0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.tun0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.tun0.mtu": "1500",
"net.ipv6.conf.tun0.ndisc_notify": "0",
"net.ipv6.conf.tun0.ndisc_tclass": "0",
"net.ipv6.conf.tun0.proxy_ndp": "0",
"net.ipv6.conf.tun0.regen_max_retry": "3",
"net.ipv6.conf.tun0.router_probe_interval": "60",
"net.ipv6.conf.tun0.router_solicitation_delay": "1",
"net.ipv6.conf.tun0.router_solicitation_interval": "4",
"net.ipv6.conf.tun0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.tun0.router_solicitations": "-1",
"net.ipv6.conf.tun0.seg6_enabled": "0",
"net.ipv6.conf.tun0.seg6_require_hmac": "0",
"net.ipv6.conf.tun0.suppress_frag_ndisc": "1",
"net.ipv6.conf.tun0.temp_prefered_lft": "86400",
"net.ipv6.conf.tun0.temp_valid_lft": "604800",
"net.ipv6.conf.tun0.use_oif_addrs_only": "0",
"net.ipv6.conf.tun0.use_tempaddr": "-1",
"net.ipv6.conf.vboxnet0.accept_dad": "1",
"net.ipv6.conf.vboxnet0.accept_ra": "1",
"net.ipv6.conf.vboxnet0.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet0.accept_ra_from_local": "0",
```

"net.ipv6.conf.vboxnet0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet0.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet0.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet0.accept_redirects": "1",
"net.ipv6.conf.vboxnet0.accept_source_route": "0",
"net.ipv6.conf.vboxnet0.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet0.autoconf": "1",
"net.ipv6.conf.vboxnet0.dad_transmits": "1",
"net.ipv6.conf.vboxnet0.disable_ipv6": "0",
"net.ipv6.conf.vboxnet0.disable_policy": "0",
"net.ipv6.conf.vboxnet0.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.vboxnet0.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet0.enhanced_dad": "1",
"net.ipv6.conf.vboxnet0.force_mld_version": "0",
"net.ipv6.conf.vboxnet0.force_tllao": "0",
"net.ipv6.conf.vboxnet0.forwarding": "0",
"net.ipv6.conf.vboxnet0.hop_limit": "64",
"net.ipv6.conf.vboxnet0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet0.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet0.max_addresses": "16",
"net.ipv6.conf.vboxnet0.max_desync_factor": "600",
"net.ipv6.conf.vboxnet0.mc_forwarding": "0",
"net.ipv6.conf.vboxnet0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet0.mtu": "1500",
"net.ipv6.conf.vboxnet0.ndisc_notify": "0",
"net.ipv6.conf.vboxnet0.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet0.proxy_ndp": "0",
"net.ipv6.conf.vboxnet0.regen_max_retry": "3",
"net.ipv6.conf.vboxnet0.router_probe_interval": "60",

```
"net.ipv6.conf.vboxnet0.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet0.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet0.router_solicitations": "-1",
"net.ipv6.conf.vboxnet0.seg6_enabled": "0",
"net.ipv6.conf.vboxnet0.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet0.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet0.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet0.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet0.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet0.use_tempaddr": "2",
"net.ipv6.conf.vboxnet1.accept_dad": "1",
"net.ipv6.conf.vboxnet1.accept_ra": "1",
"net.ipv6.conf.vboxnet1.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet1.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet1.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet1.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet1.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet1.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet1.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet1.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet1.accept_redirects": "1",
"net.ipv6.conf.vboxnet1.accept_source_route": "0",
"net.ipv6.conf.vboxnet1.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet1.autoconf": "1",
"net.ipv6.conf.vboxnet1.dad_transmits": "1",
"net.ipv6.conf.vboxnet1.disable_ipv6": "0",
"net.ipv6.conf.vboxnet1.disable_policy": "0",
"net.ipv6.conf.vboxnet1.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet1.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet1.enhanced_dad": "1",
"net.ipv6.conf.vboxnet1.force_mld_version": "0",
"net.ipv6.conf.vboxnet1.force_tllao": "0",
```

```
"net.ipv6.conf.vboxnet1.forwarding": "0",
"net.ipv6.conf.vboxnet1.hop_limit": "64",
"net.ipv6.conf.vboxnet1.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet1.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet1.max_addresses": "16",
"net.ipv6.conf.vboxnet1.max_desync_factor": "600",
"net.ipv6.conf.vboxnet1.mc_forwarding": "0",
"net.ipv6.conf.vboxnet1.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet1.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet1.mtu": "1500",
"net.ipv6.conf.vboxnet1.ndisc_notify": "0",
"net.ipv6.conf.vboxnet1.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet1.proxy_ndp": "0",
"net.ipv6.conf.vboxnet1.regen_max_retry": "3",
"net.ipv6.conf.vboxnet1.router_probe_interval": "60",
"net.ipv6.conf.vboxnet1.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet1.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet1.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet1.router_solicitations": "-1",
"net.ipv6.conf.vboxnet1.seg6_enabled": "0",
"net.ipv6.conf.vboxnet1.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet1.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet1.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet1.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet1.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet1.use_tempaddr": "2",
"net.ipv6.conf.vboxnet10.accept_dad": "1",
"net.ipv6.conf.vboxnet10.accept_ra": "1",
"net.ipv6.conf.vboxnet10.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet10.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet10.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet10.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet10.accept_ra_pinfo": "1",
```

"net.ipv6.conf.vboxnet10.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet10.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet10.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet10.accept_redirects": "1",
"net.ipv6.conf.vboxnet10.accept_source_route": "0",
"net.ipv6.conf.vboxnet10.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet10.autoconf": "1",
"net.ipv6.conf.vboxnet10.dad_transmits": "1",
"net.ipv6.conf.vboxnet10.disable_ipv6": "0",
"net.ipv6.conf.vboxnet10.disable_policy": "0",
"net.ipv6.conf.vboxnet10.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet10.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet10.enhanced_dad": "1",
"net.ipv6.conf.vboxnet10.force_mld_version": "0",
"net.ipv6.conf.vboxnet10.force_tllao": "0",
"net.ipv6.conf.vboxnet10.forwarding": "0",
"net.ipv6.conf.vboxnet10.hop_limit": "64",
"net.ipv6.conf.vboxnet10.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet10.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet10.max_addresses": "16",
"net.ipv6.conf.vboxnet10.max_desync_factor": "600",
"net.ipv6.conf.vboxnet10.mc_forwarding": "0",
"net.ipv6.conf.vboxnet10.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet10.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet10.mtu": "1500",
"net.ipv6.conf.vboxnet10.ndisc_notify": "0",
"net.ipv6.conf.vboxnet10.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet10.proxy_ndp": "0",
"net.ipv6.conf.vboxnet10.regen_max_retry": "3",
"net.ipv6.conf.vboxnet10.router_probe_interval": "60",
"net.ipv6.conf.vboxnet10.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet10.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet10.router_solicitation_max_interval": "3600",

```
"net.ipv6.conf.vboxnet10.router_solicitations": "-1",
"net.ipv6.conf.vboxnet10.seg6_enabled": "0",
"net.ipv6.conf.vboxnet10.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet10.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet10.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet10.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet10.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet10.use_tempaddr": "2",
"net.ipv6.conf.vboxnet11.accept_dad": "1",
"net.ipv6.conf.vboxnet11.accept_ra": "1",
"net.ipv6.conf.vboxnet11.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet11.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet11.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet11.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet11.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet11.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet11.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet11.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet11.accept_redirects": "1",
"net.ipv6.conf.vboxnet11.accept_source_route": "0",
"net.ipv6.conf.vboxnet11.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet11.autoconf": "1",
"net.ipv6.conf.vboxnet11.dad_transmits": "1",
"net.ipv6.conf.vboxnet11.disable_ipv6": "0",
"net.ipv6.conf.vboxnet11.disable_policy": "0",
"net.ipv6.conf.vboxnet11.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet11.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet11.enhanced_dad": "1",
"net.ipv6.conf.vboxnet11.force_mld_version": "0",
"net.ipv6.conf.vboxnet11.force_tllao": "0",
"net.ipv6.conf.vboxnet11.forwarding": "0",
"net.ipv6.conf.vboxnet11.hop_limit": "64",
"net.ipv6.conf.vboxnet11.ignore_routes_with_linkdown": "0",
```

```
"net.ipv6.conf.vboxnet11.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet11.max_addresses": "16",
"net.ipv6.conf.vboxnet11.max_desync_factor": "600",
"net.ipv6.conf.vboxnet11.mc_forwarding": "0",
"net.ipv6.conf.vboxnet11.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet11.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet11.mtu": "1500",
"net.ipv6.conf.vboxnet11.ndisc_notify": "0",
"net.ipv6.conf.vboxnet11.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet11.proxy_ndp": "0",
"net.ipv6.conf.vboxnet11.regen_max_retry": "3",
"net.ipv6.conf.vboxnet11.router_probe_interval": "60",
"net.ipv6.conf.vboxnet11.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet11.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet11.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet11.router_solicitations": "-1",
"net.ipv6.conf.vboxnet11.seg6_enabled": "0",
"net.ipv6.conf.vboxnet11.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet11.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet11.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet11.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet11.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet11.use_tempaddr": "2",
"net.ipv6.conf.vboxnet12.accept_dad": "1",
"net.ipv6.conf.vboxnet12.accept_ra": "1",
"net.ipv6.conf.vboxnet12.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet12.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet12.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet12.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet12.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet12.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet12.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet12.accept_ra_rtr_pref": "1",
```

"net.ipv6.conf.vboxnet12.accept_redirects": "1",
"net.ipv6.conf.vboxnet12.accept_source_route": "0",
"net.ipv6.conf.vboxnet12.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet12.autoconf": "1",
"net.ipv6.conf.vboxnet12.dad_transmits": "1",
"net.ipv6.conf.vboxnet12.disable_ipv6": "0",
"net.ipv6.conf.vboxnet12.disable_policy": "0",
"net.ipv6.conf.vboxnet12.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet12.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet12.enhanced_dad": "1",
"net.ipv6.conf.vboxnet12.force_mld_version": "0",
"net.ipv6.conf.vboxnet12.force_tllao": "0",
"net.ipv6.conf.vboxnet12.forwarding": "0",
"net.ipv6.conf.vboxnet12.hop_limit": "64",
"net.ipv6.conf.vboxnet12.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet12.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet12.max_addresses": "16",
"net.ipv6.conf.vboxnet12.max_desync_factor": "600",
"net.ipv6.conf.vboxnet12.mc_forwarding": "0",
"net.ipv6.conf.vboxnet12.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet12.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet12.mtu": "1500",
"net.ipv6.conf.vboxnet12.ndisc_notify": "0",
"net.ipv6.conf.vboxnet12.ndisc_tcclass": "0",
"net.ipv6.conf.vboxnet12.proxy_ndp": "0",
"net.ipv6.conf.vboxnet12.regen_max_retry": "3",
"net.ipv6.conf.vboxnet12.router_probe_interval": "60",
"net.ipv6.conf.vboxnet12.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet12.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet12.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet12.router_solicitations": "-1",
"net.ipv6.conf.vboxnet12.seg6_enabled": "0",
"net.ipv6.conf.vboxnet12.seg6_require_hmac": "0",

```
"net.ipv6.conf.vboxnet12.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet12.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet12.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet12.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet12.use_tempaddr": "2",
"net.ipv6.conf.vboxnet13.accept_dad": "1",
"net.ipv6.conf.vboxnet13.accept_ra": "1",
"net.ipv6.conf.vboxnet13.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet13.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet13.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet13.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet13.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet13.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet13.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet13.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet13.accept_redirects": "1",
"net.ipv6.conf.vboxnet13.accept_source_route": "0",
"net.ipv6.conf.vboxnet13.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet13.autoconf": "1",
"net.ipv6.conf.vboxnet13.dad_transmits": "1",
"net.ipv6.conf.vboxnet13.disable_ipv6": "0",
"net.ipv6.conf.vboxnet13.disable_policy": "0",
"net.ipv6.conf.vboxnet13.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet13.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet13.enhanced_dad": "1",
"net.ipv6.conf.vboxnet13.force_mld_version": "0",
"net.ipv6.conf.vboxnet13.force_tllao": "0",
"net.ipv6.conf.vboxnet13.forwarding": "0",
"net.ipv6.conf.vboxnet13.hop_limit": "64",
"net.ipv6.conf.vboxnet13.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet13.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet13.max_addresses": "16",
"net.ipv6.conf.vboxnet13.max_desync_factor": "600",
```

"net.ipv6.conf.vboxnet13.mc_forwarding": "0",
"net.ipv6.conf.vboxnet13.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet13.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet13.mtu": "1500",
"net.ipv6.conf.vboxnet13.ndisc_notify": "0",
"net.ipv6.conf.vboxnet13.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet13.proxy_ndp": "0",
"net.ipv6.conf.vboxnet13.regen_max_retry": "3",
"net.ipv6.conf.vboxnet13.router_probe_interval": "60",
"net.ipv6.conf.vboxnet13.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet13.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet13.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet13.router_solicitations": "-1",
"net.ipv6.conf.vboxnet13.seg6_enabled": "0",
"net.ipv6.conf.vboxnet13.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet13.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet13.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet13.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet13.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet13.use_tempaddr": "2",
"net.ipv6.conf.vboxnet2.accept_dad": "1",
"net.ipv6.conf.vboxnet2.accept_ra": "1",
"net.ipv6.conf.vboxnet2.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet2.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet2.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet2.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet2.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet2.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet2.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet2.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet2.accept_redirects": "1",
"net.ipv6.conf.vboxnet2.accept_source_route": "0",
"net.ipv6.conf.vboxnet2.addr_gen_mode": "0",

"net.ipv6.conf.vboxnet2.autoconf": "1",
"net.ipv6.conf.vboxnet2.dad_transmits": "1",
"net.ipv6.conf.vboxnet2.disable_ipv6": "0",
"net.ipv6.conf.vboxnet2.disable_policy": "0",
"net.ipv6.conf.vboxnet2.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.vboxnet2.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet2.enhanced_dad": "1",
"net.ipv6.conf.vboxnet2.force_mld_version": "0",
"net.ipv6.conf.vboxnet2.force_tllao": "0",
"net.ipv6.conf.vboxnet2.forwarding": "0",
"net.ipv6.conf.vboxnet2.hop_limit": "64",
"net.ipv6.conf.vboxnet2.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet2.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet2.max_addresses": "16",
"net.ipv6.conf.vboxnet2.max_desync_factor": "600",
"net.ipv6.conf.vboxnet2.mc_forwarding": "0",
"net.ipv6.conf.vboxnet2.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet2.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet2.mtu": "1500",
"net.ipv6.conf.vboxnet2.ndisc_notify": "0",
"net.ipv6.conf.vboxnet2.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet2.proxy_ndp": "0",
"net.ipv6.conf.vboxnet2.regen_max_retry": "3",
"net.ipv6.conf.vboxnet2.router_probe_interval": "60",
"net.ipv6.conf.vboxnet2.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet2.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet2.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet2.router_solicitations": "-1",
"net.ipv6.conf.vboxnet2.seg6_enabled": "0",
"net.ipv6.conf.vboxnet2.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet2.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet2.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet2.temp_valid_lft": "604800",

```
"net.ipv6.conf.vboxnet2.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet2.use_tempaddr": "2",
"net.ipv6.conf.vboxnet3.accept_dad": "1",
"net.ipv6.conf.vboxnet3.accept_ra": "1",
"net.ipv6.conf.vboxnet3.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet3.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet3.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet3.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet3.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet3.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet3.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet3.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet3.accept_redirects": "1",
"net.ipv6.conf.vboxnet3.accept_source_route": "0",
"net.ipv6.conf.vboxnet3.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet3.autoconf": "1",
"net.ipv6.conf.vboxnet3.dad_transmits": "1",
"net.ipv6.conf.vboxnet3.disable_ipv6": "0",
"net.ipv6.conf.vboxnet3.disable_policy": "0",
"net.ipv6.conf.vboxnet3.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.vboxnet3.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet3.enhanced_dad": "1",
"net.ipv6.conf.vboxnet3.force_mld_version": "0",
"net.ipv6.conf.vboxnet3.force_tllao": "0",
"net.ipv6.conf.vboxnet3.forwarding": "0",
"net.ipv6.conf.vboxnet3.hop_limit": "64",
"net.ipv6.conf.vboxnet3.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet3.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet3.max_addresses": "16",
"net.ipv6.conf.vboxnet3.max_desync_factor": "600",
"net.ipv6.conf.vboxnet3.mc_forwarding": "0",
"net.ipv6.conf.vboxnet3.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet3.mldv2_unsolicited_report_interval": "1000",
```

```
"net.ipv6.conf.vboxnet3.mtu": "1500",
"net.ipv6.conf.vboxnet3.ndisc_notify": "0",
"net.ipv6.conf.vboxnet3.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet3.proxy_ndp": "0",
"net.ipv6.conf.vboxnet3.regen_max_retry": "3",
"net.ipv6.conf.vboxnet3.router_probe_interval": "60",
"net.ipv6.conf.vboxnet3.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet3.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet3.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet3.router_solicitations": "-1",
"net.ipv6.conf.vboxnet3.seg6_enabled": "0",
"net.ipv6.conf.vboxnet3.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet3.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet3.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet3.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet3.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet3.use_tempaddr": "2",
"net.ipv6.conf.vboxnet4.accept_dad": "1",
"net.ipv6.conf.vboxnet4.accept_ra": "1",
"net.ipv6.conf.vboxnet4.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet4.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet4.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet4.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet4.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet4.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet4.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet4.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet4.accept_redirects": "1",
"net.ipv6.conf.vboxnet4.accept_source_route": "0",
"net.ipv6.conf.vboxnet4.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet4.autoconf": "1",
"net.ipv6.conf.vboxnet4.dad_transmits": "1",
"net.ipv6.conf.vboxnet4.disable_ipv6": "0",
```

"net.ipv6.conf.vboxnet4.disable_policy": "0",
"net.ipv6.conf.vboxnet4.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet4.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet4.enhanced_dad": "1",
"net.ipv6.conf.vboxnet4.force_mld_version": "0",
"net.ipv6.conf.vboxnet4.force_tllao": "0",
"net.ipv6.conf.vboxnet4.forwarding": "0",
"net.ipv6.conf.vboxnet4.hop_limit": "64",
"net.ipv6.conf.vboxnet4.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet4.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet4.max_addresses": "16",
"net.ipv6.conf.vboxnet4.max_desync_factor": "600",
"net.ipv6.conf.vboxnet4.mc_forwarding": "0",
"net.ipv6.conf.vboxnet4.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet4.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet4.mtu": "1500",
"net.ipv6.conf.vboxnet4.ndisc_notify": "0",
"net.ipv6.conf.vboxnet4.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet4.proxy_ndp": "0",
"net.ipv6.conf.vboxnet4.regen_max_retry": "3",
"net.ipv6.conf.vboxnet4.router_probe_interval": "60",
"net.ipv6.conf.vboxnet4.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet4.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet4.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet4.router_solicitations": "-1",
"net.ipv6.conf.vboxnet4.seg6_enabled": "0",
"net.ipv6.conf.vboxnet4.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet4.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet4.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet4.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet4.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet4.use_tempaddr": "2",
"net.ipv6.conf.vboxnet5.accept_dad": "1",

"net.ipv6.conf.vboxnet5.accept_ra": "1",
"net.ipv6.conf.vboxnet5.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet5.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet5.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet5.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet5.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet5.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet5.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet5.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet5.accept_redirects": "1",
"net.ipv6.conf.vboxnet5.accept_source_route": "0",
"net.ipv6.conf.vboxnet5.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet5.autoconf": "1",
"net.ipv6.conf.vboxnet5.dad_transmits": "1",
"net.ipv6.conf.vboxnet5.disable_ipv6": "0",
"net.ipv6.conf.vboxnet5.disable_policy": "0",
"net.ipv6.conf.vboxnet5.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.vboxnet5.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet5.enhanced_dad": "1",
"net.ipv6.conf.vboxnet5.force_mld_version": "0",
"net.ipv6.conf.vboxnet5.force_tllao": "0",
"net.ipv6.conf.vboxnet5.forwarding": "0",
"net.ipv6.conf.vboxnet5.hop_limit": "64",
"net.ipv6.conf.vboxnet5.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet5.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet5.max_addresses": "16",
"net.ipv6.conf.vboxnet5.max_desync_factor": "600",
"net.ipv6.conf.vboxnet5.mc_forwarding": "0",
"net.ipv6.conf.vboxnet5.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet5.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet5.mtu": "1500",
"net.ipv6.conf.vboxnet5.ndisc_notify": "0",
"net.ipv6.conf.vboxnet5.ndisc_tclass": "0",

```
"net.ipv6.conf.vboxnet5.proxy_ndp": "0",
"net.ipv6.conf.vboxnet5.regen_max_retry": "3",
"net.ipv6.conf.vboxnet5.router_probe_interval": "60",
"net.ipv6.conf.vboxnet5.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet5.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet5.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet5.router_solicitations": "-1",
"net.ipv6.conf.vboxnet5.seg6_enabled": "0",
"net.ipv6.conf.vboxnet5.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet5.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet5.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet5.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet5.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet5.use_tempaddr": "2",
"net.ipv6.conf.vboxnet6.accept_dad": "1",
"net.ipv6.conf.vboxnet6.accept_ra": "1",
"net.ipv6.conf.vboxnet6.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet6.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet6.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet6.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet6.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet6.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet6.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet6.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet6.accept_redirects": "1",
"net.ipv6.conf.vboxnet6.accept_source_route": "0",
"net.ipv6.conf.vboxnet6.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet6.autoconf": "1",
"net.ipv6.conf.vboxnet6.dad_transmits": "1",
"net.ipv6.conf.vboxnet6.disable_ipv6": "0",
"net.ipv6.conf.vboxnet6.disable_policy": "0",
"net.ipv6.conf.vboxnet6.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet6.drop_unsolicited_na": "0",
```

"net.ipv6.conf.vboxnet6.enhanced_dad": "1",
"net.ipv6.conf.vboxnet6.force_mld_version": "0",
"net.ipv6.conf.vboxnet6.force_tllao": "0",
"net.ipv6.conf.vboxnet6.forwarding": "0",
"net.ipv6.conf.vboxnet6.hop_limit": "64",
"net.ipv6.conf.vboxnet6.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet6.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet6.max_addresses": "16",
"net.ipv6.conf.vboxnet6.max_desync_factor": "600",
"net.ipv6.conf.vboxnet6.mc_forwarding": "0",
"net.ipv6.conf.vboxnet6.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet6.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet6.mtu": "1500",
"net.ipv6.conf.vboxnet6.ndisc_notify": "0",
"net.ipv6.conf.vboxnet6.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet6.proxy_ndp": "0",
"net.ipv6.conf.vboxnet6.regen_max_retry": "3",
"net.ipv6.conf.vboxnet6.router_probe_interval": "60",
"net.ipv6.conf.vboxnet6.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet6.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet6.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet6.router_solicitations": "-1",
"net.ipv6.conf.vboxnet6.seg6_enabled": "0",
"net.ipv6.conf.vboxnet6.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet6.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet6.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet6.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet6.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet6.use_tempaddr": "2",
"net.ipv6.conf.vboxnet7.accept_dad": "1",
"net.ipv6.conf.vboxnet7.accept_ra": "1",
"net.ipv6.conf.vboxnet7.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet7.accept_ra_from_local": "0",

"net.ipv6.conf.vboxnet7.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet7.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet7.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet7.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet7.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet7.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet7.accept_redirects": "1",
"net.ipv6.conf.vboxnet7.accept_source_route": "0",
"net.ipv6.conf.vboxnet7.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet7.autoconf": "1",
"net.ipv6.conf.vboxnet7.dad_transmits": "1",
"net.ipv6.conf.vboxnet7.disable_ipv6": "0",
"net.ipv6.conf.vboxnet7.disable_policy": "0",
"net.ipv6.conf.vboxnet7.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.vboxnet7.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet7.enhanced_dad": "1",
"net.ipv6.conf.vboxnet7.force_mld_version": "0",
"net.ipv6.conf.vboxnet7.force_tllao": "0",
"net.ipv6.conf.vboxnet7.forwarding": "0",
"net.ipv6.conf.vboxnet7.hop_limit": "64",
"net.ipv6.conf.vboxnet7.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet7.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet7.max_addresses": "16",
"net.ipv6.conf.vboxnet7.max_desync_factor": "600",
"net.ipv6.conf.vboxnet7.mc_forwarding": "0",
"net.ipv6.conf.vboxnet7.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet7.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet7.mtu": "1500",
"net.ipv6.conf.vboxnet7.ndisc_notify": "0",
"net.ipv6.conf.vboxnet7.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet7.proxy_ndp": "0",
"net.ipv6.conf.vboxnet7.regen_max_retry": "3",
"net.ipv6.conf.vboxnet7.router_probe_interval": "60",

```
"net.ipv6.conf.vboxnet7.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet7.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet7.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet7.router_solicitations": "-1",
"net.ipv6.conf.vboxnet7.seg6_enabled": "0",
"net.ipv6.conf.vboxnet7.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet7.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet7.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet7.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet7.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet7.use_tempaddr": "2",
"net.ipv6.conf.vboxnet8.accept_dad": "1",
"net.ipv6.conf.vboxnet8.accept_ra": "1",
"net.ipv6.conf.vboxnet8.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet8.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet8.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet8.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet8.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet8.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet8.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet8.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet8.accept_redirects": "1",
"net.ipv6.conf.vboxnet8.accept_source_route": "0",
"net.ipv6.conf.vboxnet8.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet8.autoconf": "1",
"net.ipv6.conf.vboxnet8.dad_transmits": "1",
"net.ipv6.conf.vboxnet8.disable_ipv6": "0",
"net.ipv6.conf.vboxnet8.disable_policy": "0",
"net.ipv6.conf.vboxnet8.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet8.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet8.enhanced_dad": "1",
"net.ipv6.conf.vboxnet8.force_mld_version": "0",
"net.ipv6.conf.vboxnet8.force_tllao": "0",
```

```
"net.ipv6.conf.vboxnet8.forwarding": "0",
"net.ipv6.conf.vboxnet8.hop_limit": "64",
"net.ipv6.conf.vboxnet8.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet8.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet8.max_addresses": "16",
"net.ipv6.conf.vboxnet8.max_desync_factor": "600",
"net.ipv6.conf.vboxnet8.mc_forwarding": "0",
"net.ipv6.conf.vboxnet8.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet8.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet8.mtu": "1500",
"net.ipv6.conf.vboxnet8.ndisc_notify": "0",
"net.ipv6.conf.vboxnet8.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet8.proxy_ndp": "0",
"net.ipv6.conf.vboxnet8.regen_max_retry": "3",
"net.ipv6.conf.vboxnet8.router_probe_interval": "60",
"net.ipv6.conf.vboxnet8.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet8.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet8.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet8.router_solicitations": "-1",
"net.ipv6.conf.vboxnet8.seg6_enabled": "0",
"net.ipv6.conf.vboxnet8.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet8.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet8.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet8.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet8.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet8.use_tempaddr": "2",
"net.ipv6.conf.vboxnet9.accept_dad": "1",
"net.ipv6.conf.vboxnet9.accept_ra": "1",
"net.ipv6.conf.vboxnet9.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet9.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet9.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet9.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet9.accept_ra_pinfo": "1",
```

"net.ipv6.conf.vboxnet9.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet9.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet9.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet9.accept_redirects": "1",
"net.ipv6.conf.vboxnet9.accept_source_route": "0",
"net.ipv6.conf.vboxnet9.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet9.autoconf": "1",
"net.ipv6.conf.vboxnet9.dad_transmits": "1",
"net.ipv6.conf.vboxnet9.disable_ipv6": "0",
"net.ipv6.conf.vboxnet9.disable_policy": "0",
"net.ipv6.conf.vboxnet9.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.vboxnet9.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet9.enhanced_dad": "1",
"net.ipv6.conf.vboxnet9.force_mld_version": "0",
"net.ipv6.conf.vboxnet9.force_tllao": "0",
"net.ipv6.conf.vboxnet9.forwarding": "0",
"net.ipv6.conf.vboxnet9.hop_limit": "64",
"net.ipv6.conf.vboxnet9.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet9.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet9.max_addresses": "16",
"net.ipv6.conf.vboxnet9.max_desync_factor": "600",
"net.ipv6.conf.vboxnet9.mc_forwarding": "0",
"net.ipv6.conf.vboxnet9.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet9.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet9.mtu": "1500",
"net.ipv6.conf.vboxnet9.ndisc_notify": "0",
"net.ipv6.conf.vboxnet9.ndisc_tcclass": "0",
"net.ipv6.conf.vboxnet9.proxy_ndp": "0",
"net.ipv6.conf.vboxnet9.regen_max_retry": "3",
"net.ipv6.conf.vboxnet9.router_probe_interval": "60",
"net.ipv6.conf.vboxnet9.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet9.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet9.router_solicitation_max_interval": "3600",

"net.ipv6.conf.vboxnet9.router_solicitations": "-1",
"net.ipv6.conf.vboxnet9.seg6_enabled": "0",
"net.ipv6.conf.vboxnet9.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet9.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet9.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet9.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet9.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet9.use_tempaddr": "2",
"net.ipv6.conf.virbr0-nic.accept_dad": "1",
"net.ipv6.conf.virbr0-nic.accept_ra": "1",
"net.ipv6.conf.virbr0-nic.accept_ra_defrtr": "1",
"net.ipv6.conf.virbr0-nic.accept_ra_from_local": "0",
"net.ipv6.conf.virbr0-nic.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.virbr0-nic.accept_ra_mtu": "1",
"net.ipv6.conf.virbr0-nic.accept_ra_pinfo": "1",
"net.ipv6.conf.virbr0-nic.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.virbr0-nic.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.virbr0-nic.accept_ra_rtr_pref": "1",
"net.ipv6.conf.virbr0-nic.accept_redirects": "1",
"net.ipv6.conf.virbr0-nic.accept_source_route": "0",
"net.ipv6.conf.virbr0-nic.addr_gen_mode": "0",
"net.ipv6.conf.virbr0-nic.autoconf": "1",
"net.ipv6.conf.virbr0-nic.dad_transmits": "1",
"net.ipv6.conf.virbr0-nic.disable_ipv6": "0",
"net.ipv6.conf.virbr0-nic.disable_policy": "0",
"net.ipv6.conf.virbr0-nic.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.virbr0-nic.drop_unsolicited_na": "0",
"net.ipv6.conf.virbr0-nic.enhanced_dad": "1",
"net.ipv6.conf.virbr0-nic.force_mld_version": "0",
"net.ipv6.conf.virbr0-nic.force_tllao": "0",
"net.ipv6.conf.virbr0-nic.forwarding": "0",
"net.ipv6.conf.virbr0-nic.hop_limit": "64",
"net.ipv6.conf.virbr0-nic.ignore_routes_with_linkdown": "0",

```
"net.ipv6.conf.virbr0-nic.keep_addr_on_down": "0",
"net.ipv6.conf.virbr0-nic.max_addresses": "16",
"net.ipv6.conf.virbr0-nic.max_desync_factor": "600",
"net.ipv6.conf.virbr0-nic.mc_forwarding": "0",
"net.ipv6.conf.virbr0-nic.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.virbr0-nic.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.virbr0-nic.mtu": "1500",
"net.ipv6.conf.virbr0-nic.ndisc_notify": "0",
"net.ipv6.conf.virbr0-nic.ndisc_tclass": "0",
"net.ipv6.conf.virbr0-nic.proxy_ndp": "0",
"net.ipv6.conf.virbr0-nic.regen_max_retry": "3",
"net.ipv6.conf.virbr0-nic.router_probe_interval": "60",
"net.ipv6.conf.virbr0-nic.router_solicitation_delay": "1",
"net.ipv6.conf.virbr0-nic.router_solicitation_interval": "4",
"net.ipv6.conf.virbr0-nic.router_solicitation_max_interval": "3600",
"net.ipv6.conf.virbr0-nic.router_solicitations": "-1",
"net.ipv6.conf.virbr0-nic.seg6_enabled": "0",
"net.ipv6.conf.virbr0-nic.seg6_require_hmac": "0",
"net.ipv6.conf.virbr0-nic.suppress_frag_ndisc": "1",
"net.ipv6.conf.virbr0-nic.temp_prefered_lft": "86400",
"net.ipv6.conf.virbr0-nic.temp_valid_lft": "604800",
"net.ipv6.conf.virbr0-nic.use_oif_addrs_only": "0",
"net.ipv6.conf.virbr0-nic.use_tempaddr": "2",
"net.ipv6.conf.virbr0.accept_dad": "1",
"net.ipv6.conf.virbr0.accept_ra": "0",
"net.ipv6.conf.virbr0.accept_ra_defrtr": "1",
"net.ipv6.conf.virbr0.accept_ra_from_local": "0",
"net.ipv6.conf.virbr0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.virbr0.accept_ra_mtu": "1",
"net.ipv6.conf.virbr0.accept_ra_pinfo": "1",
"net.ipv6.conf.virbr0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.virbr0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.virbr0.accept_ra_rtr_pref": "1",
```

```
"net.ipv6.conf.virbr0.accept_redirects": "1",
"net.ipv6.conf.virbr0.accept_source_route": "0",
"net.ipv6.conf.virbr0.addr_gen_mode": "0",
"net.ipv6.conf.virbr0.autoconf": "0",
"net.ipv6.conf.virbr0.dad_transmits": "1",
"net.ipv6.conf.virbr0.disable_ipv6": "1",
"net.ipv6.conf.virbr0.disable_policy": "0",
"net.ipv6.conf.virbr0.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.virbr0.drop_unsolicited_na": "0",
"net.ipv6.conf.virbr0.enhanced_dad": "1",
"net.ipv6.conf.virbr0.force_mld_version": "0",
"net.ipv6.conf.virbr0.force_tllao": "0",
"net.ipv6.conf.virbr0.forwarding": "0",
"net.ipv6.conf.virbr0.hop_limit": "64",
"net.ipv6.conf.virbr0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.virbr0.keep_addr_on_down": "0",
"net.ipv6.conf.virbr0.max_addresses": "16",
"net.ipv6.conf.virbr0.max_desync_factor": "600",
"net.ipv6.conf.virbr0.mc_forwarding": "0",
"net.ipv6.conf.virbr0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.virbr0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.virbr0.mtu": "1500",
"net.ipv6.conf.virbr0.ndisc_notify": "0",
"net.ipv6.conf.virbr0.ndisc_tcclass": "0",
"net.ipv6.conf.virbr0.proxy_ndp": "0",
"net.ipv6.conf.virbr0.regen_max_retry": "3",
"net.ipv6.conf.virbr0.router_probe_interval": "60",
"net.ipv6.conf.virbr0.router_solicitation_delay": "1",
"net.ipv6.conf.virbr0.router_solicitation_interval": "4",
"net.ipv6.conf.virbr0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.virbr0.router_solicitations": "-1",
"net.ipv6.conf.virbr0.seg6_enabled": "0",
"net.ipv6.conf.virbr0.seg6_require_hmac": "0",
```

"net.ipv6.conf.virbr0.suppress_frag_ndisc": "1",
"net.ipv6.conf.virbr0.temp_preferred_lft": "86400",
"net.ipv6.conf.virbr0.temp_valid_lft": "604800",
"net.ipv6.conf.virbr0.use_oif_addrs_only": "0",
"net.ipv6.conf.virbr0.use_tempaddr": "2",
"net.ipv6.conf.wlan0.accept_dad": "1",
"net.ipv6.conf.wlan0.accept_ra": "0",
"net.ipv6.conf.wlan0.accept_ra_defrtr": "1",
"net.ipv6.conf.wlan0.accept_ra_from_local": "0",
"net.ipv6.conf.wlan0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.wlan0.accept_ra_mtu": "1",
"net.ipv6.conf.wlan0.accept_ra_pinfo": "1",
"net.ipv6.conf.wlan0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.wlan0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.wlan0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.wlan0.accept_redirects": "1",
"net.ipv6.conf.wlan0.accept_source_route": "0",
"net.ipv6.conf.wlan0.addr_gen_mode": "1",
"net.ipv6.conf.wlan0.autoconf": "1",
"net.ipv6.conf.wlan0.dad_transmits": "1",
"net.ipv6.conf.wlan0.disable_ipv6": "0",
"net.ipv6.conf.wlan0.disable_policy": "0",
"net.ipv6.conf.wlan0.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.wlan0.drop_unsolicited_na": "0",
"net.ipv6.conf.wlan0.enhanced_dad": "1",
"net.ipv6.conf.wlan0.force_mld_version": "0",
"net.ipv6.conf.wlan0.force_tllao": "0",
"net.ipv6.conf.wlan0.forwarding": "0",
"net.ipv6.conf.wlan0.hop_limit": "64",
"net.ipv6.conf.wlan0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.wlan0.keep_addr_on_down": "0",
"net.ipv6.conf.wlan0.max_addresses": "16",
"net.ipv6.conf.wlan0.max_desync_factor": "600",

"net.ipv6.conf.wlan0.mc_forwarding": "0",
"net.ipv6.conf.wlan0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.wlan0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.wlan0.mtu": "1500",
"net.ipv6.conf.wlan0.ndisc_notify": "0",
"net.ipv6.conf.wlan0.ndisc_tclass": "0",
"net.ipv6.conf.wlan0.proxy_ndp": "0",
"net.ipv6.conf.wlan0.regen_max_retry": "3",
"net.ipv6.conf.wlan0.router_probe_interval": "60",
"net.ipv6.conf.wlan0.router_solicitation_delay": "1",
"net.ipv6.conf.wlan0.router_solicitation_interval": "4",
"net.ipv6.conf.wlan0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.wlan0.router_solicitations": "-1",
"net.ipv6.conf.wlan0.seg6_enabled": "0",
"net.ipv6.conf.wlan0.seg6_require_hmac": "0",
"net.ipv6.conf.wlan0.suppress_frag_ndisc": "1",
"net.ipv6.conf.wlan0.temp_prefered_lft": "86400",
"net.ipv6.conf.wlan0.temp_valid_lft": "604800",
"net.ipv6.conf.wlan0.use_oif_addrs_only": "0",
"net.ipv6.conf.wlan0.use_tempaddr": "2",
"net.ipv6.fib_multipath_hash_policy": "0",
"net.ipv6.flowlabel_consistency": "1",
"net.ipv6.flowlabel_reflect": "0",
"net.ipv6.flowlabel_state_ranges": "0",
"net.ipv6.fwmark_reflect": "0",
"net.ipv6.icmp.echo_ignore_all": "0",
"net.ipv6.icmp.echo_ignore_anycast": "0",
"net.ipv6.icmp.echo_ignore_multicast": "0",
"net.ipv6.icmp.ratelimit": "1000",
"net.ipv6.icmp.ratemask": "0-1,3-127",
"net.ipv6.idgen_delay": "1",
"net.ipv6.idgen_retries": "3",
"net.ipv6.ip6frag_high_thresh": "4194304",

```
"net.ipv6.ip6frag_low_thresh": "3145728",
"net.ipv6.ip6frag_secret_interval": "0",
"net.ipv6.ip6frag_time": "60",
"net.ipv6.ip_nonlocal_bind": "0",
"net.ipv6.max_dst_opts_length": "2147483647",
"net.ipv6.max_dst_opts_number": "8",
"net.ipv6.max_hbh_length": "2147483647",
"net.ipv6.max_hbh_opts_number": "8",
"net.ipv6.mld_max_ms": "64",
"net.ipv6.mld_qrv": "2",
"net.ipv6.neigh.default.anycast_delay": "100",
"net.ipv6.neigh.default.app_solicit": "0",
"net.ipv6.neigh.default.base_reachable_time": "30",
"net.ipv6.neigh.default.base_reachable_time_ms": "30000",
"net.ipv6.neigh.default.delay_first_probe_time": "5",
"net.ipv6.neigh.default.gc_interval": "30",
"net.ipv6.neigh.default.gc_stale_time": "60",
"net.ipv6.neigh.default.gc_thresh1": "128",
"net.ipv6.neigh.default.gc_thresh2": "512",
"net.ipv6.neigh.default.gc_thresh3": "1024",
"net.ipv6.neigh.default.locktime": "0",
"net.ipv6.neigh.default.mcast_resolicit": "0",
"net.ipv6.neigh.default.mcast_solicit": "3",
"net.ipv6.neigh.default.proxy_delay": "80",
"net.ipv6.neigh.default.proxy_qlen": "64",
"net.ipv6.neigh.default.retrans_time": "1000",
"net.ipv6.neigh.default.retrans_time_ms": "1000",
"net.ipv6.neigh.default.icast_solicit": "3",
"net.ipv6.neigh.default.unres_qlen": "101",
"net.ipv6.neigh.default.unres_qlen_bytes": "212992",
"net.ipv6.neigh.docker0.anycast_delay": "100",
"net.ipv6.neigh.docker0.app_solicit": "0",
"net.ipv6.neigh.docker0.base_reachable_time": "30",
```

"net.ipv6.neigh.docker0.base_reachable_time_ms": "30000",
"net.ipv6.neigh.docker0.delay_first_probe_time": "5",
"net.ipv6.neigh.docker0.gc_stale_time": "60",
"net.ipv6.neigh.docker0.locktime": "0",
"net.ipv6.neigh.docker0.mcast_resolicit": "0",
"net.ipv6.neigh.docker0.mcast_solicit": "3",
"net.ipv6.neigh.docker0.proxy_delay": "80",
"net.ipv6.neigh.docker0.proxy_qlen": "64",
"net.ipv6.neigh.docker0.retrans_time": "1000",
"net.ipv6.neigh.docker0.retrans_time_ms": "1000",
"net.ipv6.neigh.docker0.unicast_solicit": "3",
"net.ipv6.neigh.docker0.unres_qlen": "101",
"net.ipv6.neigh.docker0.unres_qlen_bytes": "212992",
"net.ipv6.neigh.eth0.anycast_delay": "100",
"net.ipv6.neigh.eth0.app_solicit": "0",
"net.ipv6.neigh.eth0.base_reachable_time": "30",
"net.ipv6.neigh.eth0.base_reachable_time_ms": "30000",
"net.ipv6.neigh.eth0.delay_first_probe_time": "5",
"net.ipv6.neigh.eth0.gc_stale_time": "60",
"net.ipv6.neigh.eth0.locktime": "0",
"net.ipv6.neigh.eth0.mcast_resolicit": "0",
"net.ipv6.neigh.eth0.mcast_solicit": "3",
"net.ipv6.neigh.eth0.proxy_delay": "80",
"net.ipv6.neigh.eth0.proxy_qlen": "64",
"net.ipv6.neigh.eth0.retrans_time": "1000",
"net.ipv6.neigh.eth0.retrans_time_ms": "1000",
"net.ipv6.neigh.eth0.unicast_solicit": "3",
"net.ipv6.neigh.eth0.unres_qlen": "101",
"net.ipv6.neigh.eth0.unres_qlen_bytes": "212992",
"net.ipv6.neigh.lo.anycast_delay": "100",
"net.ipv6.neigh.lo.app_solicit": "0",
"net.ipv6.neigh.lo.base_reachable_time": "30",
"net.ipv6.neigh.lo.base_reachable_time_ms": "30000",

"net.ipv6.neigh.lo.delay_first_probe_time": "5",
"net.ipv6.neigh.lo.gc_stale_time": "60",
"net.ipv6.neigh.lo.locktime": "0",
"net.ipv6.neigh.lo.mcast_resolicit": "0",
"net.ipv6.neigh.lo.mcast_solicit": "3",
"net.ipv6.neigh.lo.proxy_delay": "80",
"net.ipv6.neigh.lo.proxy_qlen": "64",
"net.ipv6.neigh.lo.retrans_time": "1000",
"net.ipv6.neigh.lo.retrans_time_ms": "1000",
"net.ipv6.neigh.lo.unicast_solicit": "3",
"net.ipv6.neigh.lo.unres_qlen": "101",
"net.ipv6.neigh.lo.unres_qlen_bytes": "212992",
"net.ipv6.neigh.tun0.anycast_delay": "100",
"net.ipv6.neigh.tun0.app_solicit": "0",
"net.ipv6.neigh.tun0.base_reachable_time": "30",
"net.ipv6.neigh.tun0.base_reachable_time_ms": "30000",
"net.ipv6.neigh.tun0.delay_first_probe_time": "5",
"net.ipv6.neigh.tun0.gc_stale_time": "60",
"net.ipv6.neigh.tun0.locktime": "0",
"net.ipv6.neigh.tun0.mcast_resolicit": "0",
"net.ipv6.neigh.tun0.mcast_solicit": "3",
"net.ipv6.neigh.tun0.proxy_delay": "80",
"net.ipv6.neigh.tun0.proxy_qlen": "64",
"net.ipv6.neigh.tun0.retrans_time": "1000",
"net.ipv6.neigh.tun0.retrans_time_ms": "1000",
"net.ipv6.neigh.tun0.unicast_solicit": "3",
"net.ipv6.neigh.tun0.unres_qlen": "101",
"net.ipv6.neigh.tun0.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet0.anycast_delay": "100",
"net.ipv6.neigh.vboxnet0.app_solicit": "0",
"net.ipv6.neigh.vboxnet0.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet0.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet0.delay_first_probe_time": "5",

"net.ipv6.neigh.vboxnet0.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet0.locktime": "0",
"net.ipv6.neigh.vboxnet0.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet0.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet0.proxy_delay": "80",
"net.ipv6.neigh.vboxnet0.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet0.retrans_time": "1000",
"net.ipv6.neigh.vboxnet0.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet0.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet0.unres_qlen": "101",
"net.ipv6.neigh.vboxnet0.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet1.anycast_delay": "100",
"net.ipv6.neigh.vboxnet1.app_solicit": "0",
"net.ipv6.neigh.vboxnet1.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet1.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet1.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet1.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet1.locktime": "0",
"net.ipv6.neigh.vboxnet1.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet1.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet1.proxy_delay": "80",
"net.ipv6.neigh.vboxnet1.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet1.retrans_time": "1000",
"net.ipv6.neigh.vboxnet1.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet1.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet1.unres_qlen": "101",
"net.ipv6.neigh.vboxnet1.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet10.anycast_delay": "100",
"net.ipv6.neigh.vboxnet10.app_solicit": "0",
"net.ipv6.neigh.vboxnet10.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet10.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet10.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet10.gc_stale_time": "60",

"net.ipv6.neigh.vboxnet10.locktime": "0",
"net.ipv6.neigh.vboxnet10.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet10.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet10.proxy_delay": "80",
"net.ipv6.neigh.vboxnet10.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet10.retrans_time": "1000",
"net.ipv6.neigh.vboxnet10.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet10.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet10.unres_qlen": "101",
"net.ipv6.neigh.vboxnet10.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet11.anycast_delay": "100",
"net.ipv6.neigh.vboxnet11.app_solicit": "0",
"net.ipv6.neigh.vboxnet11.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet11.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet11.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet11.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet11.locktime": "0",
"net.ipv6.neigh.vboxnet11.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet11.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet11.proxy_delay": "80",
"net.ipv6.neigh.vboxnet11.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet11.retrans_time": "1000",
"net.ipv6.neigh.vboxnet11.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet11.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet11.unres_qlen": "101",
"net.ipv6.neigh.vboxnet11.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet12.anycast_delay": "100",
"net.ipv6.neigh.vboxnet12.app_solicit": "0",
"net.ipv6.neigh.vboxnet12.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet12.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet12.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet12.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet12.locktime": "0",

"net.ipv6.neigh.vboxnet12.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet12.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet12.proxy_delay": "80",
"net.ipv6.neigh.vboxnet12.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet12.retrans_time": "1000",
"net.ipv6.neigh.vboxnet12.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet12.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet12.unres_qlen": "101",
"net.ipv6.neigh.vboxnet12.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet13.anycast_delay": "100",
"net.ipv6.neigh.vboxnet13.app_solicit": "0",
"net.ipv6.neigh.vboxnet13.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet13.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet13.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet13.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet13.locktime": "0",
"net.ipv6.neigh.vboxnet13.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet13.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet13.proxy_delay": "80",
"net.ipv6.neigh.vboxnet13.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet13.retrans_time": "1000",
"net.ipv6.neigh.vboxnet13.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet13.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet13.unres_qlen": "101",
"net.ipv6.neigh.vboxnet13.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet2.anycast_delay": "100",
"net.ipv6.neigh.vboxnet2.app_solicit": "0",
"net.ipv6.neigh.vboxnet2.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet2.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet2.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet2.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet2.locktime": "0",
"net.ipv6.neigh.vboxnet2.mcast_resolicit": "0",

"net.ipv6.neigh.vboxnet2.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet2.proxy_delay": "80",
"net.ipv6.neigh.vboxnet2.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet2.retrans_time": "1000",
"net.ipv6.neigh.vboxnet2.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet2.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet2.unres_qlen": "101",
"net.ipv6.neigh.vboxnet2.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet3.anycast_delay": "100",
"net.ipv6.neigh.vboxnet3.app_solicit": "0",
"net.ipv6.neigh.vboxnet3.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet3.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet3.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet3.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet3.locktime": "0",
"net.ipv6.neigh.vboxnet3.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet3.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet3.proxy_delay": "80",
"net.ipv6.neigh.vboxnet3.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet3.retrans_time": "1000",
"net.ipv6.neigh.vboxnet3.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet3.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet3.unres_qlen": "101",
"net.ipv6.neigh.vboxnet3.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet4.anycast_delay": "100",
"net.ipv6.neigh.vboxnet4.app_solicit": "0",
"net.ipv6.neigh.vboxnet4.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet4.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet4.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet4.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet4.locktime": "0",
"net.ipv6.neigh.vboxnet4.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet4.mcast_solicit": "3",

"net.ipv6.neigh.vboxnet4.proxy_delay": "80",
"net.ipv6.neigh.vboxnet4.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet4.retrans_time": "1000",
"net.ipv6.neigh.vboxnet4.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet4.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet4.unres_qlen": "101",
"net.ipv6.neigh.vboxnet4.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet5.anycast_delay": "100",
"net.ipv6.neigh.vboxnet5.app_solicit": "0",
"net.ipv6.neigh.vboxnet5.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet5.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet5.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet5.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet5.locktime": "0",
"net.ipv6.neigh.vboxnet5.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet5.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet5.proxy_delay": "80",
"net.ipv6.neigh.vboxnet5.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet5.retrans_time": "1000",
"net.ipv6.neigh.vboxnet5.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet5.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet5.unres_qlen": "101",
"net.ipv6.neigh.vboxnet5.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet6.anycast_delay": "100",
"net.ipv6.neigh.vboxnet6.app_solicit": "0",
"net.ipv6.neigh.vboxnet6.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet6.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet6.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet6.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet6.locktime": "0",
"net.ipv6.neigh.vboxnet6.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet6.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet6.proxy_delay": "80",

"net.ipv6.neigh.vboxnet6.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet6.retrans_time": "1000",
"net.ipv6.neigh.vboxnet6.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet6.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet6.unres_qlen": "101",
"net.ipv6.neigh.vboxnet6.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet7.anycast_delay": "100",
"net.ipv6.neigh.vboxnet7.app_solicit": "0",
"net.ipv6.neigh.vboxnet7.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet7.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet7.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet7.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet7.locktime": "0",
"net.ipv6.neigh.vboxnet7.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet7.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet7.proxy_delay": "80",
"net.ipv6.neigh.vboxnet7.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet7.retrans_time": "1000",
"net.ipv6.neigh.vboxnet7.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet7.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet7.unres_qlen": "101",
"net.ipv6.neigh.vboxnet7.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet8.anycast_delay": "100",
"net.ipv6.neigh.vboxnet8.app_solicit": "0",
"net.ipv6.neigh.vboxnet8.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet8.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet8.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet8.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet8.locktime": "0",
"net.ipv6.neigh.vboxnet8.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet8.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet8.proxy_delay": "80",
"net.ipv6.neigh.vboxnet8.proxy_qlen": "64",

"net.ipv6.neigh.vboxnet8.retrans_time": "1000",
"net.ipv6.neigh.vboxnet8.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet8.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet8.unres_qlen": "101",
"net.ipv6.neigh.vboxnet8.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet9.anycast_delay": "100",
"net.ipv6.neigh.vboxnet9.app_solicit": "0",
"net.ipv6.neigh.vboxnet9.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet9.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet9.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet9.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet9.locktime": "0",
"net.ipv6.neigh.vboxnet9.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet9.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet9.proxy_delay": "80",
"net.ipv6.neigh.vboxnet9.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet9.retrans_time": "1000",
"net.ipv6.neigh.vboxnet9.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet9.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet9.unres_qlen": "101",
"net.ipv6.neigh.vboxnet9.unres_qlen_bytes": "212992",
"net.ipv6.neigh.virbr0-nic.anycast_delay": "100",
"net.ipv6.neigh.virbr0-nic.app_solicit": "0",
"net.ipv6.neigh.virbr0-nic.base_reachable_time": "30",
"net.ipv6.neigh.virbr0-nic.base_reachable_time_ms": "30000",
"net.ipv6.neigh.virbr0-nic.delay_first_probe_time": "5",
"net.ipv6.neigh.virbr0-nic.gc_stale_time": "60",
"net.ipv6.neigh.virbr0-nic.locktime": "0",
"net.ipv6.neigh.virbr0-nic.mcast_resolicit": "0",
"net.ipv6.neigh.virbr0-nic.mcast_solicit": "3",
"net.ipv6.neigh.virbr0-nic.proxy_delay": "80",
"net.ipv6.neigh.virbr0-nic.proxy_qlen": "64",
"net.ipv6.neigh.virbr0-nic.retrans_time": "1000",

"net.ipv6.neigh.virbr0-nic.retrans_time_ms": "1000",
"net.ipv6.neigh.virbr0-nic.unicast_solicit": "3",
"net.ipv6.neigh.virbr0-nic.unres_qlen": "101",
"net.ipv6.neigh.virbr0-nic.unres_qlen_bytes": "212992",
"net.ipv6.neigh.virbr0-anycast_delay": "100",
"net.ipv6.neigh.virbr0-app_solicit": "0",
"net.ipv6.neigh.virbr0-base_reachable_time": "30",
"net.ipv6.neigh.virbr0-base_reachable_time_ms": "30000",
"net.ipv6.neigh.virbr0-delay_first_probe_time": "5",
"net.ipv6.neigh.virbr0-gc_stale_time": "60",
"net.ipv6.neigh.virbr0-locktime": "0",
"net.ipv6.neigh.virbr0-mcast_resolicit": "0",
"net.ipv6.neigh.virbr0-mcast_solicit": "3",
"net.ipv6.neigh.virbr0-proxy_delay": "80",
"net.ipv6.neigh.virbr0-proxy_qlen": "64",
"net.ipv6.neigh.virbr0-retrans_time": "1000",
"net.ipv6.neigh.virbr0-retrans_time_ms": "1000",
"net.ipv6.neigh.virbr0-unicast_solicit": "3",
"net.ipv6.neigh.virbr0-unres_qlen": "101",
"net.ipv6.neigh.virbr0-unres_qlen_bytes": "212992",
"net.ipv6.neigh.wlan0-anycast_delay": "100",
"net.ipv6.neigh.wlan0-app_solicit": "0",
"net.ipv6.neigh.wlan0-base_reachable_time": "30",
"net.ipv6.neigh.wlan0-base_reachable_time_ms": "30000",
"net.ipv6.neigh.wlan0-delay_first_probe_time": "5",
"net.ipv6.neigh.wlan0-gc_stale_time": "60",
"net.ipv6.neigh.wlan0-locktime": "0",
"net.ipv6.neigh.wlan0-mcast_resolicit": "0",
"net.ipv6.neigh.wlan0-mcast_solicit": "3",
"net.ipv6.neigh.wlan0-proxy_delay": "80",
"net.ipv6.neigh.wlan0-proxy_qlen": "64",
"net.ipv6.neigh.wlan0-retrans_time": "1000",
"net.ipv6.neigh.wlan0-retrans_time_ms": "1000",

```
"net.ipv6.neigh.wlan0.ucast_solicit": "3",
"net.ipv6.neigh.wlan0.unres_qlen": "101",
"net.ipv6.neigh.wlan0.unres_qlen_bytes": "212992",
"net.ipv6.route.gc_elasticity": "9",
"net.ipv6.route.gc_interval": "30",
"net.ipv6.route.gc_min_interval": "0",
"net.ipv6.route.gc_min_interval_ms": "500",
"net.ipv6.route.gc_thresh": "1024",
"net.ipv6.route.gc_timeout": "60",
"net.ipv6.route.max_size": "4096",
"net.ipv6.route.min_adv_mss": "1220",
"net.ipv6.route.mtu_expires": "600",
"net.ipv6.route.skip_notify_on_dev_down": "0",
"net.ipv6.seg6_flowlabel": "0",
"net.ipv6.xfrm6_gc_thresh": "32768",
"net.netfilter.nf_conntrack_acct": "0",
"net.netfilter.nf_conntrack_buckets": "65536",
"net.netfilter.nf_conntrack_checksum": "1",
"net.netfilter.nf_conntrack_count": "228",
"net.netfilter.nf_conntrack_dccp_loose": "1",
"net.netfilter.nf_conntrack_dccp_timeout_closereq": "64",
"net.netfilter.nf_conntrack_dccp_timeout_closing": "64",
"net.netfilter.nf_conntrack_dccp_timeout_open": "43200",
"net.netfilter.nf_conntrack_dccp_timeout_partopen": "480",
"net.netfilter.nf_conntrack_dccp_timeout_request": "240",
"net.netfilter.nf_conntrack_dccp_timeout_respond": "480",
"net.netfilter.nf_conntrack_dccp_timeout_timewait": "240",
"net.netfilter.nf_conntrack_events": "1",
"net.netfilter.nf_conntrack_expect_max": "1024",
"net.netfilter.nf_conntrack_frag6_high_thresh": "4194304",
"net.netfilter.nf_conntrack_frag6_low_thresh": "3145728",
"net.netfilter.nf_conntrack_frag6_timeout": "60",
"net.netfilter.nf_conntrack_generic_timeout": "600",
```

```
"net.netfilter.nf_conntrack_gre_timeout": "30",
"net.netfilter.nf_conntrack_gre_timeout_stream": "180",
"net.netfilter.nf_conntrack_helper": "0",
"net.netfilter.nf_conntrack_icmp_timeout": "30",
"net.netfilter.nf_conntrack_icmpv6_timeout": "30",
"net.netfilter.nf_conntrack_log_invalid": "0",
"net.netfilter.nf_conntrack_max": "262144",
"net.netfilter.nf_conntrack_sctp_timeout_closed": "10",
"net.netfilter.nf_conntrack_sctp_timeout_cookie_echoed": "3",
"net.netfilter.nf_conntrack_sctp_timeout_cookie_wait": "3",
"net.netfilter.nf_conntrack_sctp_timeout_established": "432000",
"net.netfilter.nf_conntrack_sctp_timeout_heartbeat_acked": "210",
"net.netfilter.nf_conntrack_sctp_timeout_heartbeat_sent": "30",
"net.netfilter.nf_conntrack_sctp_timeout_shutdown_ack_sent": "3",
"net.netfilter.nf_conntrack_sctp_timeout_shutdown_recd": "0",
"net.netfilter.nf_conntrack_sctp_timeout_shutdown_sent": "0",
"net.netfilter.nf_conntrack_tcp_be Liberal": "0",
"net.netfilter.nf_conntrack_tcp_loose": "1",
"net.netfilter.nf_conntrack_tcp_max_retrans": "3",
"net.netfilter.nf_conntrack_tcp_timeout_close": "10",
"net.netfilter.nf_conntrack_tcp_timeout_close_wait": "60",
"net.netfilter.nf_conntrack_tcp_timeout_established": "432000",
"net.netfilter.nf_conntrack_tcp_timeout_fin_wait": "120",
"net.netfilter.nf_conntrack_tcp_timeout_last_ack": "30",
"net.netfilter.nf_conntrack_tcp_timeout_max_retrans": "300",
"net.netfilter.nf_conntrack_tcp_timeout_syn_recv": "60",
"net.netfilter.nf_conntrack_tcp_timeout_syn_sent": "120",
"net.netfilter.nf_conntrack_tcp_timeout_time_wait": "120",
"net.netfilter.nf_conntrack_tcp_timeout_unacknowledged": "300",
"net.netfilter.nf_conntrack_timestamp": "0",
"net.netfilter.nf_conntrack_udp_timeout": "30",
"net.netfilter.nf_conntrack_udp_timeout_stream": "120",
"net.netfilter.nf_log.0": "NONE",
```

```
"net.netfilter.nf_log.1": "NONE",
"net.netfilter.nf_log.10": "NONE",
"net.netfilter.nf_log.11": "NONE",
"net.netfilter.nf_log.12": "NONE",
"net.netfilter.nf_log.2": "NONE",
"net.netfilter.nf_log.3": "NONE",
"net.netfilter.nf_log.4": "NONE",
"net.netfilter.nf_log.5": "NONE",
"net.netfilter.nf_log.6": "NONE",
"net.netfilter.nf_log.7": "NONE",
"net.netfilter.nf_log.8": "NONE",
"net.netfilter.nf_log.9": "NONE",
"net.netfilter.nf_log_all_netns": "0",
"net.nf_conntrack_max": "262144",
"net.unix.max_dgram_qlen": "512",
"sunrpc.max_resvport": "1023",
"sunrpc.min_resvport": "665",
"sunrpc.nfs_debug": "0x0000",
"sunrpc.nfsd_debug": "0x0000",
"sunrpc.nlm_debug": "0x0000",
"sunrpc.rpc_debug": "0x0000",
"sunrpc.tcp_fin_timeout": "15",
"sunrpc.tcp_max_slot_table_entries": "65536",
"sunrpc.tcp_slot_table_entries": "2",
"sunrpc.transports": "tcp 1048576\nudp 32768",
"sunrpc.udp_slot_table_entries": "16",
"user.max_cgroup_namespaces": "127767",
"user.max_inotify_instances": "128",
"user.max_inotify_watches": "98304",
"user.max_ipc_namespaces": "127767",
"user.max_mnt_namespaces": "127767",
"user.max_net_namespaces": "127767",
"user.max_pid_namespaces": "127767",
```

```
"user.max_user_namespaces": "127767",
"user.max_uts_namespaces": "127767",
"vm.admin_reserve_kbytes": "8192",
"vm.block_dump": "0",
"vm.compact_unevictable_allowed": "1",
"vm.dirty_background_bytes": "0",
"vm.dirty_background_ratio": "10",
"vm.dirty_bytes": "0",
"vm.dirty_expire_centisecs": "1500",
"vm.dirty_ratio": "20",
"vm.dirty_writeback_centisecs": "1500",
"vm.dirtytime_expire_seconds": "43200",
"vm.extfrag_threshold": "500",
"vm.hugetlb_shm_group": "0",
"vm.laptop_mode": "0",
"vm.legacy_va_layout": "0",
"vm.lowmem_reserve_ratio": "256\0t256\0t32\0t0\0t0",
"vm.max_map_count": "65530",
"vm.memory_failure_early_kill": "0",
"vm.memory_failure_recovery": "1",
"vm.min_free_kbytes": "67584",
"vm.min_slab_ratio": "5",
"vm.min_unmapped_ratio": "1",
"vm.mmap_min_addr": "65536",
"vm.nr_hugepages": "0",
"vm.nr_hugepages_mempolicy": "0",
"vm.nr_overcommit_hugepages": "0",
"vm.numa_stat": "1",
"vm.numa_zonelist_order": "Node",
"vm.oom_dump_tasks": "1",
"vm.oom_kill Allocating_task": "0",
"vm.overcommit_kbytes": "0",
"vm.overcommit_memory": "0",
```

```
"vm.overcommit_ratio": "50",
"vm.page-cluster": "3",
"vm.panic_on_oom": "0",
"vm.percpu_pagelist_fraction": "0",
"vm.stat_interval": "1",
"vm.swappiness": "60",
"vm.unprivileged_userfaultfd": "1",
"vm.user_reserve_kbytes": "131072",
"vm.vfs_cache_pressure": "100",
"vm.watermark_boost_factor": "0",
"vm.watermark_scale_factor": "10",
"vm.zone_reclaim_mode": "0"
}
```

```
R: {
```

```
"abi.vsyscall32": "1",
"debug.exception-trace": "1",
"debug.kprobes-optimization": "1",
"dev.cdrom.autoclose": "1",
"dev.cdrom.autoeject": "0",
"dev.cdrom.check_media": "0",
"dev.cdrom.debug": "0",
"dev.cdrom.info": "CD-ROM information, Id: cdrom.c 3.20 2003/12/17\n\\ndrive m
"dev.cdrom.lock": "0",
"dev.hpet.max-user-freq": "64",
"dev.i915.oa_max_sample_rate": "100000",
"dev.i915.perf_stream_paranoid": "1",
"dev.mac_hid.mouse_button2_keycode": "97",
"dev.mac_hid.mouse_button3_keycode": "100",
"dev.mac_hid.mouse_button_emulation": "0",
"dev.parport.default.spintime": "500",
"dev.parport.default.timeslice": "200",
"dev.raid.speed_limit_max": "200000",
"dev.raid.speed_limit_min": "1000",
```

"dev.scsi.logging_level": "0",
"dev.tty.ldisc_autoload": "1",
"fs.aio-max-nr": "65536",
"fs.aio-nr": "3301",
"fs.binfmt_misc.cli": "enabled\ninterpreter /usr/lib/binfmt-support/run-detected
"fs.binfmt_misc.jar": "enabled\ninterpreter /usr/bin/jexec\nflags: \noffset 0
"fs.binfmt_misc.python2.7": "enabled\ninterpreter /usr/bin/python2.7\nflags:
"fs.binfmt_misc.python3.8": "enabled\ninterpreter /usr/bin/python3.8\nflags:
"fs.binfmt_misc.sbcl": "enabled\ninterpreter /usr/lib/sbcl/sbcl-run\nflags: \\
"fs.binfmt_misc.status": "enabled",
"fs.dentry-state": "311039\t222685\t45\t0\t42660\t0",
"fs.dir-notify-enable": "1",
"fs.epoll.max_user_watches": "6698721",
"fs.file-max": "9223372036854775807",
"fs.file-nr": "46048\t0\t9223372036854775807",
"fs.inode-nr": "507779\t238746",
"fs.inode-state": "507779\t238746\t0\t0\t0\t0\t0",
"fs.inotify.max_queued_events": "16384",
"fs.inotify.max_user_instances": "128",
"fs.inotify.max_user_watches": "98304",
"fs.lease-break-time": "45",
"fs.leases-enable": "1",
"fs.mount-max": "100000",
"fs.mqueue.msg_default": "10",
"fs.mqueue.msg_max": "10",
"fs.mqueue.msgsize_default": "8192",
"fs.mqueue.msgsize_max": "8192",
"fs.mqueue.queues_max": "256",
"fs.nfs.idmap_cache_timeout": "600",
"fs.nfs.nfs_callback_tcpport": "0",
"fs.nfs.nfs_congestion_kb": "183104",
"fs.nfs.nfs_mountpoint_timeout": "500",
"fs.nfs.nlm_grace_period": "0",

"fs.nfs.nlm_tcpport": "0",
"fs.nfs.nlm_timeout": "10",
"fs.nfs.nlm_udpport": "0",
"fs.nfs.nsm_local_state": "3",
"fs.nfs.nsm_use_hostnames": "0",
"fs.nr_open": "1048576",
"fs.overflowgid": "65534",
"fs.overflowuid": "65534",
"fs.pipe-max-size": "1048576",
"fs.pipe-user-pages-hard": "0",
"fs.pipe-user-pages-soft": "16384",
"fs.quota.allocated_dquots": "0",
"fs.quota.cache_hits": "0",
"fs.quota.drops": "0",
"fs.quota.free_dquots": "0",
"fs.quota.lookups": "0",
"fs.quota.reads": "0",
"fs.quota.syncs": "26",
"fs.quota.writes": "0",
"fs.suid_dumpable": "2",
"fs.verity.require_signatures": "0",
"fscache.object_max_active": "8",
"fscache.operation_max_active": "4",
"kernel.acct": "4\t2\t30",
"kernel.acpi_video_flags": "0",
"kernel.auto_msgmni": "0",
"kernel.bootloader_type": "6",
"kernel.bootloader_version": "38",
"kernel.bpf_stats_enabled": "0",
"kernel.cap_last_cap": "37",
"kernel.core_pattern": "|/usr/share/apport/apport %p %s %c %d %P %E",
"kernel.core_pipe_limit": "0",
"kernel.core_uses_pid": "0",

"kernel.ctrl-alt-del": "0",
"kernel.dmesg_restrict": "0",
"kernel.domainname": "(none)",
"kernel.firmware_config.force_sysfs_fallback": "0",
"kernel.firmware_config.ignore_sysfs_fallback": "0",
"kernel.ftrace_dump_on_oops": "0",
"kernel.ftrace_enabled": "1",
"kernel.hardlockup_all_cpu_backtrace": "0",
"kernel.hardlockup_panic": "0",
"kernel.hostname": "nickanderson-ThinkPad-W550s",
"kernel.hotplug": "",
"kernel.hung_task_check_count": "4194304",
"kernel.hung_task_check_interval_secs": "0",
"kernel.hung_task_panic": "0",
"kernel.hung_task_timeout_secs": "120",
"kernel.hung_task_warnings": "8",
"kernel.io_delay_type": "1",
"kernel.kexec_load_disabled": "0",
"kernel.keys.gc_delay": "300",
"kernel.keys.maxbytes": "20000",
"kernel.keys.maxkeys": "200",
"kernel.keys.persistent_keyring_expiry": "259200",
"kernel.keys.root_maxbytes": "25000000",
"kernel.keys.root_maxkeys": "1000000",
"kernel.kptr_restrict": "1",
"kernel.latencytop": "0",
"kernel.max_lock_depth": "1024",
"kernel.modprobe": "/sbin/modprobe",
"kernel.modules_disabled": "0",
"kernel.msg_next_id": "-1",
"kernel.msgmax": "8192",
"kernel.msgmnb": "16384",
"kernel.msgmni": "32000",

"kernel.ngroups_max": "65536",
"kernel.nmi_watchdog": "0",
"kernel.ns_last_pid": "1116085",
"kernel.numa_balancing": "0",
"kernel.numa_balancing_scan_delay_ms": "1000",
"kernel.numa_balancing_scan_period_max_ms": "60000",
"kernel.numa_balancing_scan_period_min_ms": "1000",
"kernel.numa_balancing_scan_size_mb": "256",
"kernel.osrelease": "5.4.0-42-lowlatency",
"kernel.ostype": "Linux",
"kernel.overflowgid": "65534",
"kernel.overflowuid": "65534",
"kernel.panic": "0",
"kernel.panic_on_io_nmi": "0",
"kernel.panic_on_oops": "0",
"kernel.panic_on_rcu_stall": "0",
"kernel.panic_on_unrecoverable_nmi": "0",
"kernel.panic_on_warn": "0",
"kernel.panic_print": "0",
"kernel.perf_cpu_time_max_percent": "25",
"kernel.perf_event_max_contexts_per_stack": "8",
"kernel.perf_event_max_sample_rate": "100000",
"kernel.perf_event_max_stack": "127",
"kernel.perf_event_mlock_kb": "516",
"kernel.perf_event_paranoid": "3",
"kernel.pid_max": "4194304",
"kernel.poweroff_cmd": "/sbin/poweroff",
"kernel.print-fatal-signals": "0",
"kernel printk": "4\t4\t1\t7",
"kernel printk_delay": "0",
"kernel printk_devkmsg": "on",
"kernel printk_ratelimit": "5",
"kernel printk_ratelimit_burst": "10",

"kernel.pty.max": "4096",
"kernel.pty.nr": "8",
"kernel.pty.reserve": "1024",
"kernel.random.boot_id": "fdf58181-01bd-4d59-a45d-c56bca7ecef",
"kernel.random.entropy_avail": "3936",
"kernel.random.poolsiz": "4096",
"kernel.random.read_wakeup_threshold": "64",
"kernel.random.urandom_min_reseed_secs": "60",
"kernel.random.uuid": "60b05007-da43-49f2-a083-c0c5e4ea2bc4",
"kernel.random.write_wakeup_threshold": "1024",
"kernel.randomize_va_space": "2",
"kernel.real-root-dev": "0",
"kernel.sched_autogroup_enabled": "1",
"kernel.sched_cfs_bandwidth_slice_us": "5000",
"kernel.sched_child_runs_first": "0",
"kernel.sched_domain.cpu0.domain0.busy_factor": "32",
"kernel.sched_domain.cpu0.domain0.cache_nice_tries": "0",
"kernel.sched_domain.cpu0.domain0.flags": "4783",
"kernel.sched_domain.cpu0.domain0.imbalance_pct": "110",
"kernel.sched_domain.cpu0.domain0.max_interval": "4",
"kernel.sched_domain.cpu0.domain0.max_newidle_lb_cost": "20749",
"kernel.sched_domain.cpu0.domain0.min_interval": "2",
"kernel.sched_domain.cpu0.domain0.name": "SMT",
"kernel.sched_domain.cpu0.domain1.busy_factor": "32",
"kernel.sched_domain.cpu0.domain1.cache_nice_tries": "1",
"kernel.sched_domain.cpu0.domain1.flags": "4655",
"kernel.sched_domain.cpu0.domain1.imbalance_pct": "117",
"kernel.sched_domain.cpu0.domain1.max_interval": "8",
"kernel.sched_domain.cpu0.domain1.max_newidle_lb_cost": "18161",
"kernel.sched_domain.cpu0.domain1.min_interval": "4",
"kernel.sched_domain.cpu0.domain1.name": "MC",
"kernel.sched_domain.cpu1.domain0.busy_factor": "32",
"kernel.sched_domain.cpu1.domain0.cache_nice_tries": "0",

"kernel.sched_domain.cpu1.domain0.flags": "4783",
"kernel.sched_domain.cpu1.domain0.imbalance_pct": "110",
"kernel.sched_domain.cpu1.domain0.max_interval": "4",
"kernel.sched_domain.cpu1.domain0.max_newidle_lb_cost": "28133",
"kernel.sched_domain.cpu1.domain0.min_interval": "2",
"kernel.sched_domain.cpu1.domain0.name": "SMT",
"kernel.sched_domain.cpu1.domain1.busy_factor": "32",
"kernel.sched_domain.cpu1.domain1.cache_nice_tries": "1",
"kernel.sched_domain.cpu1.domain1.flags": "4655",
"kernel.sched_domain.cpu1.domain1.imbalance_pct": "117",
"kernel.sched_domain.cpu1.domain1.max_interval": "8",
"kernel.sched_domain.cpu1.domain1.max_newidle_lb_cost": "24027",
"kernel.sched_domain.cpu1.domain1.min_interval": "4",
"kernel.sched_domain.cpu1.domain1.name": "MC",
"kernel.sched_domain.cpu2.domain0.busy_factor": "32",
"kernel.sched_domain.cpu2.domain0.cache_nice_tries": "0",
"kernel.sched_domain.cpu2.domain0.flags": "4783",
"kernel.sched_domain.cpu2.domain0.imbalance_pct": "110",
"kernel.sched_domain.cpu2.domain0.max_interval": "4",
"kernel.sched_domain.cpu2.domain0.max_newidle_lb_cost": "25333",
"kernel.sched_domain.cpu2.domain0.min_interval": "2",
"kernel.sched_domain.cpu2.domain0.name": "SMT",
"kernel.sched_domain.cpu2.domain1.busy_factor": "32",
"kernel.sched_domain.cpu2.domain1.cache_nice_tries": "1",
"kernel.sched_domain.cpu2.domain1.flags": "4655",
"kernel.sched_domain.cpu2.domain1.imbalance_pct": "117",
"kernel.sched_domain.cpu2.domain1.max_interval": "8",
"kernel.sched_domain.cpu2.domain1.max_newidle_lb_cost": "20159",
"kernel.sched_domain.cpu2.domain1.min_interval": "4",
"kernel.sched_domain.cpu2.domain1.name": "MC",
"kernel.sched_domain.cpu3.domain0.busy_factor": "32",
"kernel.sched_domain.cpu3.domain0.cache_nice_tries": "0",
"kernel.sched_domain.cpu3.domain0.flags": "4783",

"kernel.sched_domain.cpu3.domain0.imbalance_pct": "110",
"kernel.sched_domain.cpu3.domain0.max_interval": "4",
"kernel.sched_domain.cpu3.domain0.max_newidle_lb_cost": "20325",
"kernel.sched_domain.cpu3.domain0.min_interval": "2",
"kernel.sched_domain.cpu3.domain0.name": "SMT",
"kernel.sched_domain.cpu3.domain1.busy_factor": "32",
"kernel.sched_domain.cpu3.domain1.cache_nice_tries": "1",
"kernel.sched_domain.cpu3.domain1.flags": "4655",
"kernel.sched_domain.cpu3.domain1.imbalance_pct": "117",
"kernel.sched_domain.cpu3.domain1.max_interval": "8",
"kernel.sched_domain.cpu3.domain1.max_newidle_lb_cost": "20639",
"kernel.sched_domain.cpu3.domain1.min_interval": "4",
"kernel.sched_domain.cpu3.domain1.name": "MC",
"kernel.sched_latency_ns": "18000000",
"kernel.sched_migration_cost_ns": "500000",
"kernel.sched_min_granularity_ns": "2250000",
"kernel.sched_nr_migrate": "32",
"kernel.sched_rr_timeslice_ms": "100",
"kernel.sched_rt_period_us": "1000000",
"kernel.sched_rt_runtime_us": "950000",
"kernel.sched_schedstats": "0",
"kernel.sched_tunable_scaling": "1",
"kernel.sched_util_clamp_max": "1024",
"kernel.sched_util_clamp_min": "1024",
"kernel.sched_wakeup_granularity_ns": "3000000",
"kernel.seccomp.actions_avail": "kill_process kill_thread trap errno user_noto
"kernel.seccomp.actions_logged": "kill_process kill_thread trap errno user_no
"kernel.sem": "32000\t1024000000\t500\t32000",
"kernel.sem_next_id": "-1",
"kernel.sg-big-buff": "32768",
"kernel.shm_next_id": "-1",
"kernel.shm_rmid_forced": "0",
"kernel.shmall": "18446744073692774399",

"kernel.shmmax": "18446744073692774399",
"kernel.shmmni": "4096",
"kernel.soft_watchdog": "1",
"kernel.softlockup_all_cpu_backtrace": "0",
"kernel.softlockup_panic": "0",
"kernel.stack_tracer_enabled": "0",
"kernel.sysctl_writes_strict": "1",
"kernel.sysrq": "176",
"kernel.tainted": "5632",
"kernel.threads-max": "255535",
"kernel.timer_migration": "1",
"kernel.traceoff_on_warning": "0",
"kernel.tracepoint_printk": "0",
"kernel.unknown_nmi_panic": "0",
"kernel.unprivileged_bpf_disabled": "0",
"kernel.unprivileged_userns_clone": "1",
"kernel.version": "#46-Ubuntu SMP PREEMPT Fri Jul 10 01:43:58 UTC 2020",
"kernel.watchdog": "1",
"kernel.watchdog_cpumask": "0-7",
"kernel.watchdog_thresh": "10",
"kernel.yama.ptrace_scope": "1",
"net.bridge.bridge-nf-call-arptables": "1",
"net.bridge.bridge-nf-call-ip6tables": "1",
"net.bridge.bridge-nf-call-iptables": "1",
"net.bridge.bridge-nf-filter-pppoe-tagged": "0",
"net.bridge.bridge-nf-filter-vlan-tagged": "0",
"net.bridge.bridge-nf-pass-vlan-input-dev": "0",
"net.core.bpf_jit_enable": "1",
"net.core.busy_poll": "0",
"net.core.busy_read": "0",
"net.core.default_qdisc": "fq_codel",
"net.core.dev_weight": "64",
"net.core.dev_weight_rx_bias": "1",

"net.core.dev_weight_tx_bias": "1",
"net.core.devconf_inherit_init_net": "0",
"net.core.fb_tunnels_only_for_init_net": "0",
"net.core.flow_limit_cpu_bitmap": "00",
"net.core.flow_limit_table_len": "4096",
"net.core.gro_normal_batch": "8",
"net.core.high_order_alloc_disable": "0",
"net.core.max_skb_frags": "17",
"net.core.message_burst": "10",
"net.core.message_cost": "5",
"net.core.netdev_budget": "300",
"net.core.netdev_budget_usecs": "2000",
"net.core.netdev_max_backlog": "1000",
"net.core.netdev_rss_key": "de:cd:e7:76:dc:fb:d8:5b:ab:b6:d5:97:d1:14:ce:ac:1",
"net.core.netdev_tstamp_prequeue": "1",
"net.core.optmem_max": "20480",
"net.core.rmem_default": "212992",
"net.core.rmem_max": "212992",
"net.core.rps_sock_flow_entries": "0",
"net.core.somaxconn": "4096",
"net.core.tstamp_allow_data": "1",
"net.core.warnings": "0",
"net.core.wmem_default": "212992",
"net.core.wmem_max": "212992",
"net.core.xfrm_acq_expires": "30",
"net.core.xfrm_aevent_etime": "10",
"net.core.xfrm_aevent_rseqth": "2",
"net.core.xfrm_larval_drop": "1",
"net.ipv4.cipso_cache_bucket_size": "10",
"net.ipv4.cipso_cache_enable": "1",
"net.ipv4.cipso_rbm_optfmt": "0",
"net.ipv4.cipso_rbm_strictvalid": "1",
"net.ipv4.conf.all.accept_local": "0",

```
"net.ipv4.conf.all.accept_redirects": "0",
"net.ipv4.conf.all.accept_source_route": "0",
"net.ipv4.conf.all.arp_accept": "0",
"net.ipv4.conf.all.arp_announce": "0",
"net.ipv4.conf.all.arp_filter": "0",
"net.ipv4.conf.all.arp_ignore": "0",
"net.ipv4.conf.all.arp_notify": "0",
"net.ipv4.conf.all.bc_forwarding": "0",
"net.ipv4.conf.all.bootp_relay": "0",
"net.ipv4.conf.all.disable_policy": "0",
"net.ipv4.conf.all.disable_xfrm": "0",
"net.ipv4.conf.all.drop_gratuitous_arp": "0",
"net.ipv4.conf.all.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.all.force_igmp_version": "0",
"net.ipv4.conf.all.forwarding": "1",
"net.ipv4.conf.all.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.all.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.all.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.all.log_martians": "0",
"net.ipv4.conf.all.mc_forwarding": "0",
"net.ipv4.conf.all.medium_id": "0",
"net.ipv4.conf.all.promote_secondaries": "0",
"net.ipv4.conf.all.proxy_arp": "0",
"net.ipv4.conf.all.proxy_arp_pvlan": "0",
"net.ipv4.conf.all.route_localnet": "0",
"net.ipv4.conf.all.rp_filter": "2",
"net.ipv4.conf.all.secure_redirects": "1",
"net.ipv4.conf.all.send_redirects": "1",
"net.ipv4.conf.all.shared_media": "1",
"net.ipv4.conf.all.src_valid_mark": "0",
"net.ipv4.conf.all.tag": "0",
"net.ipv4.conf.default.accept_local": "0",
"net.ipv4.conf.default.accept_redirects": "1",
```

```
"net.ipv4.conf.default.accept_source_route": "1",
"net.ipv4.conf.default.arp_accept": "0",
"net.ipv4.conf.default.arp_announce": "0",
"net.ipv4.conf.default.arp_filter": "0",
"net.ipv4.conf.default.arp_ignore": "0",
"net.ipv4.conf.default.arp_notify": "0",
"net.ipv4.conf.default.bc_forwarding": "0",
"net.ipv4.conf.default.bootp_relay": "0",
"net.ipv4.conf.default.disable_policy": "0",
"net.ipv4.conf.default.disable_xfrm": "0",
"net.ipv4.conf.default.drop_gratuitous_arp": "0",
"net.ipv4.conf.default.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.default.force_igmp_version": "0",
"net.ipv4.conf.default.forwarding": "1",
"net.ipv4.conf.default.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.default.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.default.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.default.log_martians": "0",
"net.ipv4.conf.default.mc_forwarding": "0",
"net.ipv4.conf.default.medium_id": "0",
"net.ipv4.conf.default.promote_secondaries": "1",
"net.ipv4.conf.default.proxy_arp": "0",
"net.ipv4.conf.default.proxy_arp_pvlan": "0",
"net.ipv4.conf.default.route_localnet": "0",
"net.ipv4.conf.default.rp_filter": "2",
"net.ipv4.conf.default.secure_redirects": "1",
"net.ipv4.conf.default.send_redirects": "1",
"net.ipv4.conf.default.shared_media": "1",
"net.ipv4.conf.default.src_valid_mark": "0",
"net.ipv4.conf.default.tag": "0",
"net.ipv4.conf.docker0.accept_local": "0",
"net.ipv4.conf.docker0.accept_redirects": "1",
"net.ipv4.conf.docker0.accept_source_route": "1",
```

"net.ipv4.conf.docker0.arp_accept": "0",
"net.ipv4.conf.docker0.arp_announce": "0",
"net.ipv4.conf.docker0.arp_filter": "0",
"net.ipv4.conf.docker0.arp_ignore": "0",
"net.ipv4.conf.docker0.arp_notify": "0",
"net.ipv4.conf.docker0.bc_forwarding": "0",
"net.ipv4.conf.docker0.bootp_relay": "0",
"net.ipv4.conf.docker0.disable_policy": "0",
"net.ipv4.conf.docker0.disable_xfrm": "0",
"net.ipv4.conf.docker0.drop_gratuitous_arp": "0",
"net.ipv4.conf.docker0.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.docker0.force_igmp_version": "0",
"net.ipv4.conf.docker0.forwarding": "1",
"net.ipv4.conf.docker0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.docker0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.docker0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.docker0.log_martians": "0",
"net.ipv4.conf.docker0.mc_forwarding": "0",
"net.ipv4.conf.docker0.medium_id": "0",
"net.ipv4.conf.docker0.promote_secondaries": "1",
"net.ipv4.conf.docker0.proxy_arp": "0",
"net.ipv4.conf.docker0.proxy_arp_pvlan": "0",
"net.ipv4.conf.docker0.route_localnet": "0",
"net.ipv4.conf.docker0.rp_filter": "2",
"net.ipv4.conf.docker0.secure_redirects": "1",
"net.ipv4.conf.docker0.send_redirects": "1",
"net.ipv4.conf.docker0.shared_media": "1",
"net.ipv4.conf.docker0.src_valid_mark": "0",
"net.ipv4.conf.docker0.tag": "0",
"net.ipv4.conf.eth0.accept_local": "0",
"net.ipv4.conf.eth0.accept_redirects": "1",
"net.ipv4.conf.eth0.accept_source_route": "1",
"net.ipv4.conf.eth0.arp_accept": "0",

"net.ipv4.conf.eth0.arp_announce": "0",
"net.ipv4.conf.eth0.arp_filter": "0",
"net.ipv4.conf.eth0.arp_ignore": "0",
"net.ipv4.conf.eth0.arp_notify": "0",
"net.ipv4.conf.eth0.bc_forwarding": "0",
"net.ipv4.conf.eth0.bootp_relay": "0",
"net.ipv4.conf.eth0.disable_policy": "0",
"net.ipv4.conf.eth0.disable_xfrm": "0",
"net.ipv4.conf.eth0.drop_gratuitous_arp": "0",
"net.ipv4.conf.eth0.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.eth0.force_igmp_version": "0",
"net.ipv4.conf.eth0.forwarding": "1",
"net.ipv4.conf.eth0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.eth0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.eth0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.eth0.log_martians": "0",
"net.ipv4.conf.eth0.mc_forwarding": "0",
"net.ipv4.conf.eth0.medium_id": "0",
"net.ipv4.conf.eth0.promote_secondaries": "1",
"net.ipv4.conf.eth0.proxy_arp": "0",
"net.ipv4.conf.eth0.proxy_arp_pvlan": "0",
"net.ipv4.conf.eth0.route_localnet": "0",
"net.ipv4.conf.eth0.rp_filter": "2",
"net.ipv4.conf.eth0.secure_redirects": "1",
"net.ipv4.conf.eth0.send_redirects": "1",
"net.ipv4.conf.eth0.shared_media": "1",
"net.ipv4.conf.eth0.src_valid_mark": "0",
"net.ipv4.conf.eth0.tag": "0",
"net.ipv4.conf.lo.accept_local": "0",
"net.ipv4.conf.lo.accept_redirects": "1",
"net.ipv4.conf.lo.accept_source_route": "1",
"net.ipv4.conf.lo.arp_accept": "0",
"net.ipv4.conf.lo.arp_announce": "0",

```
"net.ipv4.conf.lo.arp_filter": "0",
"net.ipv4.conf.lo.arp_ignore": "0",
"net.ipv4.conf.lo.arp_notify": "0",
"net.ipv4.conf.lo.bc_forwarding": "0",
"net.ipv4.conf.lo.bootp_relay": "0",
"net.ipv4.conf.lo.disable_policy": "1",
"net.ipv4.conf.lo.disable_xfrm": "1",
"net.ipv4.conf.lo.drop_gratuitous_arp": "0",
"net.ipv4.conf.lo.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.lo.force_igmp_version": "0",
"net.ipv4.conf.lo.forwarding": "1",
"net.ipv4.conf.lo.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.lo.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.lo.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.lo.log_martians": "0",
"net.ipv4.conf.lo.mc_forwarding": "0",
"net.ipv4.conf.lo.medium_id": "0",
"net.ipv4.conf.lo.promote_secondaries": "1",
"net.ipv4.conf.lo.proxy_arp": "0",
"net.ipv4.conf.lo.proxy_arp_pvlan": "0",
"net.ipv4.conf.lo.route_localnet": "0",
"net.ipv4.conf.lo.rp_filter": "0",
"net.ipv4.conf.lo.secure_redirects": "1",
"net.ipv4.conf.lo.send_redirects": "1",
"net.ipv4.conf.lo.shared_media": "1",
"net.ipv4.conf.lo.src_valid_mark": "0",
"net.ipv4.conf.lo.tag": "0",
"net.ipv4.conf.tun0.accept_local": "0",
"net.ipv4.conf.tun0.accept_redirects": "1",
"net.ipv4.conf.tun0.accept_source_route": "1",
"net.ipv4.conf.tun0.arp_accept": "0",
"net.ipv4.conf.tun0.arp_announce": "0",
"net.ipv4.conf.tun0.arp_filter": "0",
```

"net.ipv4.conf.tun0.arp_ignore": "0",
"net.ipv4.conf.tun0.arp_notify": "0",
"net.ipv4.conf.tun0.bc_forwarding": "0",
"net.ipv4.conf.tun0.bootp_relay": "0",
"net.ipv4.conf.tun0.disable_policy": "0",
"net.ipv4.conf.tun0.disable_xfrm": "0",
"net.ipv4.conf.tun0.drop_gratuitous_arp": "0",
"net.ipv4.conf.tun0.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.tun0.force_igmp_version": "0",
"net.ipv4.conf.tun0.forwarding": "1",
"net.ipv4.conf.tun0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.tun0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.tun0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.tun0.log_martians": "0",
"net.ipv4.conf.tun0.mc_forwarding": "0",
"net.ipv4.conf.tun0.medium_id": "0",
"net.ipv4.conf.tun0.promote_secondaries": "1",
"net.ipv4.conf.tun0.proxy_arp": "0",
"net.ipv4.conf.tun0.proxy_arp_pvlan": "0",
"net.ipv4.conf.tun0.route_localnet": "0",
"net.ipv4.conf.tun0.rp_filter": "2",
"net.ipv4.conf.tun0.secure_redirects": "1",
"net.ipv4.conf.tun0.send_redirects": "1",
"net.ipv4.conf.tun0.shared_media": "1",
"net.ipv4.conf.tun0.src_valid_mark": "0",
"net.ipv4.conf.tun0.tag": "0",
"net.ipv4.conf.vboxnet0.accept_local": "0",
"net.ipv4.conf.vboxnet0.accept_redirects": "1",
"net.ipv4.conf.vboxnet0.accept_source_route": "1",
"net.ipv4.conf.vboxnet0.arp_accept": "0",
"net.ipv4.conf.vboxnet0.arp_announce": "0",
"net.ipv4.conf.vboxnet0.arp_filter": "0",
"net.ipv4.conf.vboxnet0.arp_ignore": "0",

"net.ipv4.conf.vboxnet0.arp_notify": "0",
"net.ipv4.conf.vboxnet0.bc_forwarding": "0",
"net.ipv4.conf.vboxnet0.bootp_relay": "0",
"net.ipv4.conf.vboxnet0.disable_policy": "0",
"net.ipv4.conf.vboxnet0.disable_xfrm": "0",
"net.ipv4.conf.vboxnet0.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet0.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.vboxnet0.force_igmp_version": "0",
"net.ipv4.conf.vboxnet0.forwarding": "1",
"net.ipv4.conf.vboxnet0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet0.log_martians": "0",
"net.ipv4.conf.vboxnet0.mc_forwarding": "0",
"net.ipv4.conf.vboxnet0.medium_id": "0",
"net.ipv4.conf.vboxnet0.promote_secondaries": "1",
"net.ipv4.conf.vboxnet0.proxy_arp": "0",
"net.ipv4.conf.vboxnet0.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet0.route_localnet": "0",
"net.ipv4.conf.vboxnet0.rp_filter": "2",
"net.ipv4.conf.vboxnet0.secure_redirects": "1",
"net.ipv4.conf.vboxnet0.send_redirects": "1",
"net.ipv4.conf.vboxnet0.shared_media": "1",
"net.ipv4.conf.vboxnet0.src_valid_mark": "0",
"net.ipv4.conf.vboxnet0.tag": "0",
"net.ipv4.conf.vboxnet1.accept_local": "0",
"net.ipv4.conf.vboxnet1.accept_redirects": "1",
"net.ipv4.conf.vboxnet1.accept_source_route": "1",
"net.ipv4.conf.vboxnet1.arp_accept": "0",
"net.ipv4.conf.vboxnet1.arp_announce": "0",
"net.ipv4.conf.vboxnet1.arp_filter": "0",
"net.ipv4.conf.vboxnet1.arp_ignore": "0",
"net.ipv4.conf.vboxnet1.arp_notify": "0",

"net.ipv4.conf.vboxnet1.bc_forwarding": "0",
"net.ipv4.conf.vboxnet1.bootp_relay": "0",
"net.ipv4.conf.vboxnet1.disable_policy": "0",
"net.ipv4.conf.vboxnet1.disable_xfrm": "0",
"net.ipv4.conf.vboxnet1.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet1.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet1.force_igmp_version": "0",
"net.ipv4.conf.vboxnet1.forwarding": "1",
"net.ipv4.conf.vboxnet1.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet1.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet1.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet1.log_martians": "0",
"net.ipv4.conf.vboxnet1.mc_forwarding": "0",
"net.ipv4.conf.vboxnet1.medium_id": "0",
"net.ipv4.conf.vboxnet1.promote_secondaries": "1",
"net.ipv4.conf.vboxnet1.proxy_arp": "0",
"net.ipv4.conf.vboxnet1.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet1.route_localnet": "0",
"net.ipv4.conf.vboxnet1.rp_filter": "2",
"net.ipv4.conf.vboxnet1.secure_redirects": "1",
"net.ipv4.conf.vboxnet1.send_redirects": "1",
"net.ipv4.conf.vboxnet1.shared_media": "1",
"net.ipv4.conf.vboxnet1.src_valid_mark": "0",
"net.ipv4.conf.vboxnet1.tag": "0",
"net.ipv4.conf.vboxnet10.accept_local": "0",
"net.ipv4.conf.vboxnet10.accept_redirects": "1",
"net.ipv4.conf.vboxnet10.accept_source_route": "1",
"net.ipv4.conf.vboxnet10.arp_accept": "0",
"net.ipv4.conf.vboxnet10.arp_announce": "0",
"net.ipv4.conf.vboxnet10.arp_filter": "0",
"net.ipv4.conf.vboxnet10.arp_ignore": "0",
"net.ipv4.conf.vboxnet10.arp_notify": "0",
"net.ipv4.conf.vboxnet10.bc_forwarding": "0",

```
"net.ipv4.conf.vboxnet10.bootp_relay": "0",
"net.ipv4.conf.vboxnet10.disable_policy": "0",
"net.ipv4.conf.vboxnet10.disable_xfrm": "0",
"net.ipv4.conf.vboxnet10.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet10.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet10.force_igmp_version": "0",
"net.ipv4.conf.vboxnet10.forwarding": "1",
"net.ipv4.conf.vboxnet10.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet10.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet10.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet10.log_martians": "0",
"net.ipv4.conf.vboxnet10.mc_forwarding": "0",
"net.ipv4.conf.vboxnet10.medium_id": "0",
"net.ipv4.conf.vboxnet10.promote_secondaries": "1",
"net.ipv4.conf.vboxnet10.proxy_arp": "0",
"net.ipv4.conf.vboxnet10.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet10.route_localnet": "0",
"net.ipv4.conf.vboxnet10.rp_filter": "2",
"net.ipv4.conf.vboxnet10.secure_redirects": "1",
"net.ipv4.conf.vboxnet10.send_redirects": "1",
"net.ipv4.conf.vboxnet10.shared_media": "1",
"net.ipv4.conf.vboxnet10.src_valid_mark": "0",
"net.ipv4.conf.vboxnet10.tag": "0",
"net.ipv4.conf.vboxnet11.accept_local": "0",
"net.ipv4.conf.vboxnet11.accept_redirects": "1",
"net.ipv4.conf.vboxnet11.accept_source_route": "1",
"net.ipv4.conf.vboxnet11.arp_accept": "0",
"net.ipv4.conf.vboxnet11.arp_announce": "0",
"net.ipv4.conf.vboxnet11.arp_filter": "0",
"net.ipv4.conf.vboxnet11.arp_ignore": "0",
"net.ipv4.conf.vboxnet11.arp_notify": "0",
"net.ipv4.conf.vboxnet11.bc_forwarding": "0",
"net.ipv4.conf.vboxnet11.bootp_relay": "0",
```

"net.ipv4.conf.vboxnet11.disable_policy": "0",
"net.ipv4.conf.vboxnet11.disable_xfrm": "0",
"net.ipv4.conf.vboxnet11.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet11.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet11.force_igmp_version": "0",
"net.ipv4.conf.vboxnet11.forwarding": "1",
"net.ipv4.conf.vboxnet11.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet11.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet11.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet11.log_martians": "0",
"net.ipv4.conf.vboxnet11.mc_forwarding": "0",
"net.ipv4.conf.vboxnet11.medium_id": "0",
"net.ipv4.conf.vboxnet11.promote_secondaries": "1",
"net.ipv4.conf.vboxnet11.proxy_arp": "0",
"net.ipv4.conf.vboxnet11.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet11.route_localnet": "0",
"net.ipv4.conf.vboxnet11.rp_filter": "2",
"net.ipv4.conf.vboxnet11.secure_redirects": "1",
"net.ipv4.conf.vboxnet11.send_redirects": "1",
"net.ipv4.conf.vboxnet11.shared_media": "1",
"net.ipv4.conf.vboxnet11.src_valid_mark": "0",
"net.ipv4.conf.vboxnet11.tag": "0",
"net.ipv4.conf.vboxnet12.accept_local": "0",
"net.ipv4.conf.vboxnet12.accept_redirects": "1",
"net.ipv4.conf.vboxnet12.accept_source_route": "1",
"net.ipv4.conf.vboxnet12.arp_accept": "0",
"net.ipv4.conf.vboxnet12.arp_announce": "0",
"net.ipv4.conf.vboxnet12.arp_filter": "0",
"net.ipv4.conf.vboxnet12.arp_ignore": "0",
"net.ipv4.conf.vboxnet12.arp_notify": "0",
"net.ipv4.conf.vboxnet12.bc_forwarding": "0",
"net.ipv4.conf.vboxnet12.bootp_relay": "0",
"net.ipv4.conf.vboxnet12.disable_policy": "0",

"net.ipv4.conf.vboxnet12.disable_xfrm": "0",
"net.ipv4.conf.vboxnet12.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet12.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet12.force_igmp_version": "0",
"net.ipv4.conf.vboxnet12.forwarding": "1",
"net.ipv4.conf.vboxnet12.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet12.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet12.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet12.log_martians": "0",
"net.ipv4.conf.vboxnet12.mc_forwarding": "0",
"net.ipv4.conf.vboxnet12.medium_id": "0",
"net.ipv4.conf.vboxnet12.promote_secondaries": "1",
"net.ipv4.conf.vboxnet12.proxy_arp": "0",
"net.ipv4.conf.vboxnet12.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet12.route_localnet": "0",
"net.ipv4.conf.vboxnet12.rp_filter": "2",
"net.ipv4.conf.vboxnet12.secure_redirects": "1",
"net.ipv4.conf.vboxnet12.send_redirects": "1",
"net.ipv4.conf.vboxnet12.shared_media": "1",
"net.ipv4.conf.vboxnet12.src_valid_mark": "0",
"net.ipv4.conf.vboxnet12.tag": "0",
"net.ipv4.conf.vboxnet13.accept_local": "0",
"net.ipv4.conf.vboxnet13.accept_redirects": "1",
"net.ipv4.conf.vboxnet13.accept_source_route": "1",
"net.ipv4.conf.vboxnet13.arp_accept": "0",
"net.ipv4.conf.vboxnet13.arp_announce": "0",
"net.ipv4.conf.vboxnet13.arp_filter": "0",
"net.ipv4.conf.vboxnet13.arp_ignore": "0",
"net.ipv4.conf.vboxnet13.arp_notify": "0",
"net.ipv4.conf.vboxnet13.bc_forwarding": "0",
"net.ipv4.conf.vboxnet13.bootp_relay": "0",
"net.ipv4.conf.vboxnet13.disable_policy": "0",
"net.ipv4.conf.vboxnet13.disable_xfrm": "0",

"net.ipv4.conf.vboxnet13.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet13.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet13.force_igmp_version": "0",
"net.ipv4.conf.vboxnet13.forwarding": "1",
"net.ipv4.conf.vboxnet13.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet13.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet13.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet13.log_martians": "0",
"net.ipv4.conf.vboxnet13.mc_forwarding": "0",
"net.ipv4.conf.vboxnet13.medium_id": "0",
"net.ipv4.conf.vboxnet13.promote_secondaries": "1",
"net.ipv4.conf.vboxnet13.proxy_arp": "0",
"net.ipv4.conf.vboxnet13.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet13.route_localnet": "0",
"net.ipv4.conf.vboxnet13.rp_filter": "2",
"net.ipv4.conf.vboxnet13.secure_redirects": "1",
"net.ipv4.conf.vboxnet13.send_redirects": "1",
"net.ipv4.conf.vboxnet13.shared_media": "1",
"net.ipv4.conf.vboxnet13.src_valid_mark": "0",
"net.ipv4.conf.vboxnet13.tag": "0",
"net.ipv4.conf.vboxnet2.accept_local": "0",
"net.ipv4.conf.vboxnet2.accept_redirects": "1",
"net.ipv4.conf.vboxnet2.accept_source_route": "1",
"net.ipv4.conf.vboxnet2.arp_accept": "0",
"net.ipv4.conf.vboxnet2.arp_announce": "0",
"net.ipv4.conf.vboxnet2.arp_filter": "0",
"net.ipv4.conf.vboxnet2.arp_ignore": "0",
"net.ipv4.conf.vboxnet2.arp_notify": "0",
"net.ipv4.conf.vboxnet2.bc_forwarding": "0",
"net.ipv4.conf.vboxnet2.bootp_relay": "0",
"net.ipv4.conf.vboxnet2.disable_policy": "0",
"net.ipv4.conf.vboxnet2.disable_xfrm": "0",
"net.ipv4.conf.vboxnet2.drop_gratuitous_arp": "0",

"net.ipv4.conf.vboxnet2.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet2.force_igmp_version": "0",
"net.ipv4.conf.vboxnet2.forwarding": "1",
"net.ipv4.conf.vboxnet2.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet2.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet2.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet2.log_martians": "0",
"net.ipv4.conf.vboxnet2.mc_forwarding": "0",
"net.ipv4.conf.vboxnet2.medium_id": "0",
"net.ipv4.conf.vboxnet2.promote_secondaries": "1",
"net.ipv4.conf.vboxnet2.proxy_arp": "0",
"net.ipv4.conf.vboxnet2.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet2.route_localnet": "0",
"net.ipv4.conf.vboxnet2.rp_filter": "2",
"net.ipv4.conf.vboxnet2.secure_redirects": "1",
"net.ipv4.conf.vboxnet2.send_redirects": "1",
"net.ipv4.conf.vboxnet2.shared_media": "1",
"net.ipv4.conf.vboxnet2.src_valid_mark": "0",
"net.ipv4.conf.vboxnet2.tag": "0",
"net.ipv4.conf.vboxnet3.accept_local": "0",
"net.ipv4.conf.vboxnet3.accept_redirects": "1",
"net.ipv4.conf.vboxnet3.accept_source_route": "1",
"net.ipv4.conf.vboxnet3.arp_accept": "0",
"net.ipv4.conf.vboxnet3.arp_announce": "0",
"net.ipv4.conf.vboxnet3.arp_filter": "0",
"net.ipv4.conf.vboxnet3.arp_ignore": "0",
"net.ipv4.conf.vboxnet3.arp_notify": "0",
"net.ipv4.conf.vboxnet3.bc_forwarding": "0",
"net.ipv4.conf.vboxnet3.bootp_relay": "0",
"net.ipv4.conf.vboxnet3.disable_policy": "0",
"net.ipv4.conf.vboxnet3.disable_xfrm": "0",
"net.ipv4.conf.vboxnet3.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet3.drop_unicast_in_12_multicast": "0",

"net.ipv4.conf.vboxnet3.force_igmp_version": "0",
"net.ipv4.conf.vboxnet3.forwarding": "1",
"net.ipv4.conf.vboxnet3.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet3.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet3.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet3.log_martians": "0",
"net.ipv4.conf.vboxnet3.mc_forwarding": "0",
"net.ipv4.conf.vboxnet3.medium_id": "0",
"net.ipv4.conf.vboxnet3.promote_secondaries": "1",
"net.ipv4.conf.vboxnet3.proxy_arp": "0",
"net.ipv4.conf.vboxnet3.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet3.route_localnet": "0",
"net.ipv4.conf.vboxnet3.rp_filter": "2",
"net.ipv4.conf.vboxnet3.secure_redirects": "1",
"net.ipv4.conf.vboxnet3.send_redirects": "1",
"net.ipv4.conf.vboxnet3.shared_media": "1",
"net.ipv4.conf.vboxnet3.src_valid_mark": "0",
"net.ipv4.conf.vboxnet3.tag": "0",
"net.ipv4.conf.vboxnet4.accept_local": "0",
"net.ipv4.conf.vboxnet4.accept_redirects": "1",
"net.ipv4.conf.vboxnet4.accept_source_route": "1",
"net.ipv4.conf.vboxnet4.arp_accept": "0",
"net.ipv4.conf.vboxnet4.arp_announce": "0",
"net.ipv4.conf.vboxnet4.arp_filter": "0",
"net.ipv4.conf.vboxnet4.arp_ignore": "0",
"net.ipv4.conf.vboxnet4.arp_notify": "0",
"net.ipv4.conf.vboxnet4.bc_forwarding": "0",
"net.ipv4.conf.vboxnet4.bootp_relay": "0",
"net.ipv4.conf.vboxnet4.disable_policy": "0",
"net.ipv4.conf.vboxnet4.disable_xfrm": "0",
"net.ipv4.conf.vboxnet4.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet4.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet4.force_igmp_version": "0",

```
"net.ipv4.conf.vboxnet4.forwarding": "1",
"net.ipv4.conf.vboxnet4.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet4.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet4.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet4.log_martians": "0",
"net.ipv4.conf.vboxnet4.mc_forwarding": "0",
"net.ipv4.conf.vboxnet4.medium_id": "0",
"net.ipv4.conf.vboxnet4.promote_secondaries": "1",
"net.ipv4.conf.vboxnet4.proxy_arp": "0",
"net.ipv4.conf.vboxnet4.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet4.route_localnet": "0",
"net.ipv4.conf.vboxnet4.rp_filter": "2",
"net.ipv4.conf.vboxnet4.secure_redirects": "1",
"net.ipv4.conf.vboxnet4.send_redirects": "1",
"net.ipv4.conf.vboxnet4.shared_media": "1",
"net.ipv4.conf.vboxnet4.src_valid_mark": "0",
"net.ipv4.conf.vboxnet4.tag": "0",
"net.ipv4.conf.vboxnet5.accept_local": "0",
"net.ipv4.conf.vboxnet5.accept_redirects": "1",
"net.ipv4.conf.vboxnet5.accept_source_route": "1",
"net.ipv4.conf.vboxnet5.arp_accept": "0",
"net.ipv4.conf.vboxnet5.arp_announce": "0",
"net.ipv4.conf.vboxnet5.arp_filter": "0",
"net.ipv4.conf.vboxnet5.arp_ignore": "0",
"net.ipv4.conf.vboxnet5.arp_notify": "0",
"net.ipv4.conf.vboxnet5.bc_forwarding": "0",
"net.ipv4.conf.vboxnet5.bootp_relay": "0",
"net.ipv4.conf.vboxnet5.disable_policy": "0",
"net.ipv4.conf.vboxnet5.disable_xfrm": "0",
"net.ipv4.conf.vboxnet5.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet5.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet5.force_igmp_version": "0",
"net.ipv4.conf.vboxnet5.forwarding": "1",
```

"net.ipv4.conf.vboxnet5.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet5.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet5.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet5.log_martians": "0",
"net.ipv4.conf.vboxnet5.mc_forwarding": "0",
"net.ipv4.conf.vboxnet5.medium_id": "0",
"net.ipv4.conf.vboxnet5.promote_secondaries": "1",
"net.ipv4.conf.vboxnet5.proxy_arp": "0",
"net.ipv4.conf.vboxnet5.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet5.route_localnet": "0",
"net.ipv4.conf.vboxnet5.rp_filter": "2",
"net.ipv4.conf.vboxnet5.secure_redirects": "1",
"net.ipv4.conf.vboxnet5.send_redirects": "1",
"net.ipv4.conf.vboxnet5.shared_media": "1",
"net.ipv4.conf.vboxnet5.src_valid_mark": "0",
"net.ipv4.conf.vboxnet5.tag": "0",
"net.ipv4.conf.vboxnet6.accept_local": "0",
"net.ipv4.conf.vboxnet6.accept_redirects": "1",
"net.ipv4.conf.vboxnet6.accept_source_route": "1",
"net.ipv4.conf.vboxnet6.arp_accept": "0",
"net.ipv4.conf.vboxnet6.arp_announce": "0",
"net.ipv4.conf.vboxnet6.arp_filter": "0",
"net.ipv4.conf.vboxnet6.arp_ignore": "0",
"net.ipv4.conf.vboxnet6.arp_notify": "0",
"net.ipv4.conf.vboxnet6.bc_forwarding": "0",
"net.ipv4.conf.vboxnet6.bootp_relay": "0",
"net.ipv4.conf.vboxnet6.disable_policy": "0",
"net.ipv4.conf.vboxnet6.disable_xfrm": "0",
"net.ipv4.conf.vboxnet6.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet6.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.vboxnet6.force_igmp_version": "0",
"net.ipv4.conf.vboxnet6.forwarding": "1",
"net.ipv4.conf.vboxnet6.igmpv2_unsolicited_report_interval": "10000",

"net.ipv4.conf.vboxnet6.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet6.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet6.log_martians": "0",
"net.ipv4.conf.vboxnet6.mc_forwarding": "0",
"net.ipv4.conf.vboxnet6.medium_id": "0",
"net.ipv4.conf.vboxnet6.promote_secondaries": "1",
"net.ipv4.conf.vboxnet6.proxy_arp": "0",
"net.ipv4.conf.vboxnet6.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet6.route_localnet": "0",
"net.ipv4.conf.vboxnet6.rp_filter": "2",
"net.ipv4.conf.vboxnet6.secure_redirects": "1",
"net.ipv4.conf.vboxnet6.send_redirects": "1",
"net.ipv4.conf.vboxnet6.shared_media": "1",
"net.ipv4.conf.vboxnet6.src_valid_mark": "0",
"net.ipv4.conf.vboxnet6.tag": "0",
"net.ipv4.conf.vboxnet7.accept_local": "0",
"net.ipv4.conf.vboxnet7.accept_redirects": "1",
"net.ipv4.conf.vboxnet7.accept_source_route": "1",
"net.ipv4.conf.vboxnet7.arp_accept": "0",
"net.ipv4.conf.vboxnet7.arp_announce": "0",
"net.ipv4.conf.vboxnet7.arp_filter": "0",
"net.ipv4.conf.vboxnet7.arp_ignore": "0",
"net.ipv4.conf.vboxnet7.arp_notify": "0",
"net.ipv4.conf.vboxnet7.bc_forwarding": "0",
"net.ipv4.conf.vboxnet7.bootp_relay": "0",
"net.ipv4.conf.vboxnet7.disable_policy": "0",
"net.ipv4.conf.vboxnet7.disable_xfrm": "0",
"net.ipv4.conf.vboxnet7.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet7.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet7.force_igmp_version": "0",
"net.ipv4.conf.vboxnet7.forwarding": "1",
"net.ipv4.conf.vboxnet7.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet7.igmpv3_unsolicited_report_interval": "1000",

"net.ipv4.conf.vboxnet7.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet7.log_martians": "0",
"net.ipv4.conf.vboxnet7.mc_forwarding": "0",
"net.ipv4.conf.vboxnet7.medium_id": "0",
"net.ipv4.conf.vboxnet7.promote_secondaries": "1",
"net.ipv4.conf.vboxnet7.proxy_arp": "0",
"net.ipv4.conf.vboxnet7.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet7.route_localnet": "0",
"net.ipv4.conf.vboxnet7.rp_filter": "2",
"net.ipv4.conf.vboxnet7.secure_redirects": "1",
"net.ipv4.conf.vboxnet7.send_redirects": "1",
"net.ipv4.conf.vboxnet7.shared_media": "1",
"net.ipv4.conf.vboxnet7.src_valid_mark": "0",
"net.ipv4.conf.vboxnet7.tag": "0",
"net.ipv4.conf.vboxnet8.accept_local": "0",
"net.ipv4.conf.vboxnet8.accept_redirects": "1",
"net.ipv4.conf.vboxnet8.accept_source_route": "1",
"net.ipv4.conf.vboxnet8.arp_accept": "0",
"net.ipv4.conf.vboxnet8.arp_announce": "0",
"net.ipv4.conf.vboxnet8.arp_filter": "0",
"net.ipv4.conf.vboxnet8.arp_ignore": "0",
"net.ipv4.conf.vboxnet8.arp_notify": "0",
"net.ipv4.conf.vboxnet8.bc_forwarding": "0",
"net.ipv4.conf.vboxnet8.bootp_relay": "0",
"net.ipv4.conf.vboxnet8.disable_policy": "0",
"net.ipv4.conf.vboxnet8.disable_xfrm": "0",
"net.ipv4.conf.vboxnet8.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet8.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.vboxnet8.force_igmp_version": "0",
"net.ipv4.conf.vboxnet8.forwarding": "1",
"net.ipv4.conf.vboxnet8.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet8.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet8.ignore_routes_with_linkdown": "0",

"net.ipv4.conf.vboxnet8.log_martians": "0",
"net.ipv4.conf.vboxnet8.mc_forwarding": "0",
"net.ipv4.conf.vboxnet8.medium_id": "0",
"net.ipv4.conf.vboxnet8.promote_secondaries": "1",
"net.ipv4.conf.vboxnet8.proxy_arp": "0",
"net.ipv4.conf.vboxnet8.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet8.route_localnet": "0",
"net.ipv4.conf.vboxnet8.rp_filter": "2",
"net.ipv4.conf.vboxnet8.secure_redirects": "1",
"net.ipv4.conf.vboxnet8.send_redirects": "1",
"net.ipv4.conf.vboxnet8.shared_media": "1",
"net.ipv4.conf.vboxnet8.src_valid_mark": "0",
"net.ipv4.conf.vboxnet8.tag": "0",
"net.ipv4.conf.vboxnet9.accept_local": "0",
"net.ipv4.conf.vboxnet9.accept_redirects": "1",
"net.ipv4.conf.vboxnet9.accept_source_route": "1",
"net.ipv4.conf.vboxnet9.arp_accept": "0",
"net.ipv4.conf.vboxnet9.arp_announce": "0",
"net.ipv4.conf.vboxnet9.arp_filter": "0",
"net.ipv4.conf.vboxnet9.arp_ignore": "0",
"net.ipv4.conf.vboxnet9.arp_notify": "0",
"net.ipv4.conf.vboxnet9.bc_forwarding": "0",
"net.ipv4.conf.vboxnet9.bootp_relay": "0",
"net.ipv4.conf.vboxnet9.disable_policy": "0",
"net.ipv4.conf.vboxnet9.disable_xfrm": "0",
"net.ipv4.conf.vboxnet9.drop_gratuitous_arp": "0",
"net.ipv4.conf.vboxnet9.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.vboxnet9.force_igmp_version": "0",
"net.ipv4.conf.vboxnet9.forwarding": "1",
"net.ipv4.conf.vboxnet9.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.vboxnet9.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.vboxnet9.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.vboxnet9.log_martians": "0",

"net.ipv4.conf.vboxnet9.mc_forwarding": "0",
"net.ipv4.conf.vboxnet9.medium_id": "0",
"net.ipv4.conf.vboxnet9.promote_secondaries": "1",
"net.ipv4.conf.vboxnet9.proxy_arp": "0",
"net.ipv4.conf.vboxnet9.proxy_arp_pvlan": "0",
"net.ipv4.conf.vboxnet9.route_localnet": "0",
"net.ipv4.conf.vboxnet9.rp_filter": "2",
"net.ipv4.conf.vboxnet9.secure_redirects": "1",
"net.ipv4.conf.vboxnet9.send_redirects": "1",
"net.ipv4.conf.vboxnet9.shared_media": "1",
"net.ipv4.conf.vboxnet9.src_valid_mark": "0",
"net.ipv4.conf.vboxnet9.tag": "0",
"net.ipv4.conf.virbr0-nic.accept_local": "0",
"net.ipv4.conf.virbr0-nic.accept_redirects": "1",
"net.ipv4.conf.virbr0-nic.accept_source_route": "1",
"net.ipv4.conf.virbr0-nic.arp_accept": "0",
"net.ipv4.conf.virbr0-nic.arp_announce": "0",
"net.ipv4.conf.virbr0-nic.arp_filter": "0",
"net.ipv4.conf.virbr0-nic.arp_ignore": "0",
"net.ipv4.conf.virbr0-nic.arp_notify": "0",
"net.ipv4.conf.virbr0-nic.bc_forwarding": "0",
"net.ipv4.conf.virbr0-nic.bootp_relay": "0",
"net.ipv4.conf.virbr0-nic.disable_policy": "0",
"net.ipv4.conf.virbr0-nic.disable_xfrm": "0",
"net.ipv4.conf.virbr0-nic.drop_gratuitous_arp": "0",
"net.ipv4.conf.virbr0-nic.drop_unicast_in_12_multicast": "0",
"net.ipv4.conf.virbr0-nic.force_igmp_version": "0",
"net.ipv4.conf.virbr0-nic.forwarding": "1",
"net.ipv4.conf.virbr0-nic.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.virbr0-nic.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.virbr0-nic.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.virbr0-nic.log_martians": "0",
"net.ipv4.conf.virbr0-nic.mc_forwarding": "0",

"net.ipv4.conf.virbr0-nic.medium_id": "0",
"net.ipv4.conf.virbr0-nic.promote_secondaries": "1",
"net.ipv4.conf.virbr0-nic.proxy_arp": "0",
"net.ipv4.conf.virbr0-nic.proxy_arp_pvlan": "0",
"net.ipv4.conf.virbr0-nic.route_localnet": "0",
"net.ipv4.conf.virbr0-nic.rp_filter": "2",
"net.ipv4.conf.virbr0-nic.secure_redirects": "1",
"net.ipv4.conf.virbr0-nic.send_redirects": "1",
"net.ipv4.conf.virbr0-nic.shared_media": "1",
"net.ipv4.conf.virbr0-nic.src_valid_mark": "0",
"net.ipv4.conf.virbr0-nic.tag": "0",
"net.ipv4.conf.virbr0.accept_local": "0",
"net.ipv4.conf.virbr0.accept_redirects": "1",
"net.ipv4.conf.virbr0.accept_source_route": "1",
"net.ipv4.conf.virbr0.arp_accept": "0",
"net.ipv4.conf.virbr0.arp_announce": "0",
"net.ipv4.conf.virbr0.arp_filter": "0",
"net.ipv4.conf.virbr0.arp_ignore": "0",
"net.ipv4.conf.virbr0.arp_notify": "0",
"net.ipv4.conf.virbr0.bc_forwarding": "0",
"net.ipv4.conf.virbr0.bootp_relay": "0",
"net.ipv4.conf.virbr0.disable_policy": "0",
"net.ipv4.conf.virbr0.disable_xfrm": "0",
"net.ipv4.conf.virbr0.drop_gratuitous_arp": "0",
"net.ipv4.conf.virbr0.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.virbr0.force_igmp_version": "0",
"net.ipv4.conf.virbr0.forwarding": "1",
"net.ipv4.conf.virbr0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.virbr0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.virbr0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.virbr0.log_martians": "0",
"net.ipv4.conf.virbr0.mc_forwarding": "0",
"net.ipv4.conf.virbr0.medium_id": "0",

```
"net.ipv4.conf.virbr0.promote_secondaries": "1",
"net.ipv4.conf.virbr0.proxy_arp": "0",
"net.ipv4.conf.virbr0.proxy_arp_pvlan": "0",
"net.ipv4.conf.virbr0.route_localnet": "0",
"net.ipv4.conf.virbr0.rp_filter": "2",
"net.ipv4.conf.virbr0.secure_redirects": "1",
"net.ipv4.conf.virbr0.send_redirects": "1",
"net.ipv4.conf.virbr0.shared_media": "1",
"net.ipv4.conf.virbr0.src_valid_mark": "0",
"net.ipv4.conf.virbr0.tag": "0",
"net.ipv4.conf.wlan0.accept_local": "0",
"net.ipv4.conf.wlan0.accept_redirects": "1",
"net.ipv4.conf.wlan0.accept_source_route": "1",
"net.ipv4.conf.wlan0.arp_accept": "0",
"net.ipv4.conf.wlan0.arp_announce": "0",
"net.ipv4.conf.wlan0.arp_filter": "0",
"net.ipv4.conf.wlan0.arp_ignore": "0",
"net.ipv4.conf.wlan0.arp_notify": "0",
"net.ipv4.conf.wlan0.bc_forwarding": "0",
"net.ipv4.conf.wlan0.bootp_relay": "0",
"net.ipv4.conf.wlan0.disable_policy": "0",
"net.ipv4.conf.wlan0.disable_xfrm": "0",
"net.ipv4.conf.wlan0.drop_gratuitous_arp": "0",
"net.ipv4.conf.wlan0.drop_unicast_in_l2_multicast": "0",
"net.ipv4.conf.wlan0.force_igmp_version": "0",
"net.ipv4.conf.wlan0.forwarding": "1",
"net.ipv4.conf.wlan0.igmpv2_unsolicited_report_interval": "10000",
"net.ipv4.conf.wlan0.igmpv3_unsolicited_report_interval": "1000",
"net.ipv4.conf.wlan0.ignore_routes_with_linkdown": "0",
"net.ipv4.conf.wlan0.log_martians": "0",
"net.ipv4.conf.wlan0.mc_forwarding": "0",
"net.ipv4.conf.wlan0.medium_id": "0",
"net.ipv4.conf.wlan0.promote_secondaries": "1",
```

"net.ipv4.conf.wlan0.proxy_arp": "0",
"net.ipv4.conf.wlan0.proxy_arp_pvlan": "0",
"net.ipv4.conf.wlan0.route_localnet": "0",
"net.ipv4.conf.wlan0.rp_filter": "2",
"net.ipv4.conf.wlan0.secure_redirects": "1",
"net.ipv4.conf.wlan0.send_redirects": "1",
"net.ipv4.conf.wlan0.shared_media": "1",
"net.ipv4.conf.wlan0.src_valid_mark": "0",
"net.ipv4.conf.wlan0.tag": "0",
"net.ipv4.fib_multipath_hash_policy": "0",
"net.ipv4.fib_multipath_use_neigh": "0",
"net.ipv4.fib_sync_mem": "524288",
"net.ipv4.fwmark_reflect": "0",
"net.ipv4.icmp_echo_ignore_all": "0",
"net.ipv4.icmp_echo_ignore_broadcasts": "1",
"net.ipv4.icmp_errors_use_inbound_ifaddr": "0",
"net.ipv4.icmp_ignore_bogus_error_responses": "1",
"net.ipv4.icmp_msgs_burst": "50",
"net.ipv4.icmp_msgs_per_sec": "1000",
"net.ipv4.icmp_ratelimit": "1000",
"net.ipv4.icmp_ratemask": "6168",
"net.ipv4.igmp_link_local_mcast_reports": "1",
"net.ipv4.igmp_max_memberships": "20",
"net.ipv4.igmp_max_msf": "10",
"net.ipv4.igmp_qrv": "2",
"net.ipv4.inet_peer_maxttl": "600",
"net.ipv4.inet_peer_minttl": "120",
"net.ipv4.inet_peer_threshold": "65664",
"net.ipv4.ip_default_ttl": "64",
"net.ipv4.ip_dynaddr": "0",
"net.ipv4.ip_early_demux": "1",
"net.ipv4.ip_forward": "1",
"net.ipv4.ip_forward_update_priority": "1",

"net.ipv4.ip_forward_use_pmtu": "0",
"net.ipv4.ip_local_port_range": "32768\t60999",
"net.ipv4.ip_local_reserved_ports": "",
"net.ipv4.ip_no_pmtu_disc": "0",
"net.ipv4.ip_nonlocal_bind": "0",
"net.ipv4.ip_unprivileged_port_start": "1024",
"net.ipv4.ipfrag_high_thresh": "4194304",
"net.ipv4.ipfrag_low_thresh": "3145728",
"net.ipv4.ipfrag_max_dist": "64",
"net.ipv4.ipfrag_secret_interval": "0",
"net.ipv4.ipfrag_time": "30",
"net.ipv4.neigh.default.anycast_delay": "100",
"net.ipv4.neigh.default.app_solicit": "0",
"net.ipv4.neigh.default.base_reachable_time": "30",
"net.ipv4.neigh.default.base_reachable_time_ms": "30000",
"net.ipv4.neigh.default.delay_first_probe_time": "5",
"net.ipv4.neigh.default.gc_interval": "30",
"net.ipv4.neigh.default.gc_stale_time": "60",
"net.ipv4.neigh.default.gc_thresh1": "128",
"net.ipv4.neigh.default.gc_thresh2": "512",
"net.ipv4.neigh.default.gc_thresh3": "1024",
"net.ipv4.neigh.default.locktime": "100",
"net.ipv4.neigh.default.mcast_resolicit": "0",
"net.ipv4.neigh.default.mcast_solicit": "3",
"net.ipv4.neigh.default.proxy_delay": "80",
"net.ipv4.neigh.default.proxy_qlen": "64",
"net.ipv4.neigh.default.retrans_time": "100",
"net.ipv4.neigh.default.retrans_time_ms": "1000",
"net.ipv4.neigh.default.ustat_solicit": "3",
"net.ipv4.neigh.default.unres_qlen": "101",
"net.ipv4.neigh.default.unres_qlen_bytes": "212992",
"net.ipv4.neigh.docker0.anycast_delay": "100",
"net.ipv4.neigh.docker0.app_solicit": "0",

"net.ipv4.neigh.docker0.base_reachable_time": "30",
"net.ipv4.neigh.docker0.base_reachable_time_ms": "30000",
"net.ipv4.neigh.docker0.delay_first_probe_time": "5",
"net.ipv4.neigh.docker0.gc_stale_time": "60",
"net.ipv4.neigh.docker0.locktime": "100",
"net.ipv4.neigh.docker0.mcast_resolicit": "0",
"net.ipv4.neigh.docker0.mcast_solicit": "3",
"net.ipv4.neigh.docker0.proxy_delay": "80",
"net.ipv4.neigh.docker0.proxy_qlen": "64",
"net.ipv4.neigh.docker0.retrans_time": "100",
"net.ipv4.neigh.docker0.retrans_time_ms": "1000",
"net.ipv4.neigh.docker0.unicast_solicit": "3",
"net.ipv4.neigh.docker0.unres_qlen": "101",
"net.ipv4.neigh.docker0.unres_qlen_bytes": "212992",
"net.ipv4.neigh.eth0.anycast_delay": "100",
"net.ipv4.neigh.eth0.app_solicit": "0",
"net.ipv4.neigh.eth0.base_reachable_time": "30",
"net.ipv4.neigh.eth0.base_reachable_time_ms": "30000",
"net.ipv4.neigh.eth0.delay_first_probe_time": "5",
"net.ipv4.neigh.eth0.gc_stale_time": "60",
"net.ipv4.neigh.eth0.locktime": "100",
"net.ipv4.neigh.eth0.mcast_resolicit": "0",
"net.ipv4.neigh.eth0.mcast_solicit": "3",
"net.ipv4.neigh.eth0.proxy_delay": "80",
"net.ipv4.neigh.eth0.proxy_qlen": "64",
"net.ipv4.neigh.eth0.retrans_time": "100",
"net.ipv4.neigh.eth0.retrans_time_ms": "1000",
"net.ipv4.neigh.eth0.unicast_solicit": "3",
"net.ipv4.neigh.eth0.unres_qlen": "101",
"net.ipv4.neigh.eth0.unres_qlen_bytes": "212992",
"net.ipv4.neigh.lo.anycast_delay": "100",
"net.ipv4.neigh.lo.app_solicit": "0",
"net.ipv4.neigh.lo.base_reachable_time": "30",

"net.ipv4.neigh.lo.base_reachable_time_ms": "30000",
"net.ipv4.neigh.lo.delay_first_probe_time": "5",
"net.ipv4.neigh.lo.gc_stale_time": "60",
"net.ipv4.neigh.lo.locktime": "100",
"net.ipv4.neigh.lo.mcast_resolicit": "0",
"net.ipv4.neigh.lo.mcast_solicit": "3",
"net.ipv4.neigh.lo.proxy_delay": "80",
"net.ipv4.neigh.lo.proxy_qlen": "64",
"net.ipv4.neigh.lo.retrans_time": "100",
"net.ipv4.neigh.lo.retrans_time_ms": "1000",
"net.ipv4.neigh.lo.unicast_solicit": "3",
"net.ipv4.neigh.lo.unres_qlen": "101",
"net.ipv4.neigh.lo.unres_qlen_bytes": "212992",
"net.ipv4.neigh.tun0.anycast_delay": "100",
"net.ipv4.neigh.tun0.app_solicit": "0",
"net.ipv4.neigh.tun0.base_reachable_time": "30",
"net.ipv4.neigh.tun0.base_reachable_time_ms": "30000",
"net.ipv4.neigh.tun0.delay_first_probe_time": "5",
"net.ipv4.neigh.tun0.gc_stale_time": "60",
"net.ipv4.neigh.tun0.locktime": "100",
"net.ipv4.neigh.tun0.mcast_resolicit": "0",
"net.ipv4.neigh.tun0.mcast_solicit": "3",
"net.ipv4.neigh.tun0.proxy_delay": "80",
"net.ipv4.neigh.tun0.proxy_qlen": "64",
"net.ipv4.neigh.tun0.retrans_time": "100",
"net.ipv4.neigh.tun0.retrans_time_ms": "1000",
"net.ipv4.neigh.tun0.unicast_solicit": "3",
"net.ipv4.neigh.tun0.unres_qlen": "101",
"net.ipv4.neigh.tun0.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet0.anycast_delay": "100",
"net.ipv4.neigh.vboxnet0.app_solicit": "0",
"net.ipv4.neigh.vboxnet0.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet0.base_reachable_time_ms": "30000",

"net.ipv4.neigh.vboxnet0.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet0.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet0.locktime": "100",
"net.ipv4.neigh.vboxnet0.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet0.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet0.proxy_delay": "80",
"net.ipv4.neigh.vboxnet0.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet0.retrans_time": "100",
"net.ipv4.neigh.vboxnet0.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet0.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet0.unres_qlen": "101",
"net.ipv4.neigh.vboxnet0.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet1.anycast_delay": "100",
"net.ipv4.neigh.vboxnet1.app_solicit": "0",
"net.ipv4.neigh.vboxnet1.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet1.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet1.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet1.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet1.locktime": "100",
"net.ipv4.neigh.vboxnet1.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet1.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet1.proxy_delay": "80",
"net.ipv4.neigh.vboxnet1.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet1.retrans_time": "100",
"net.ipv4.neigh.vboxnet1.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet1.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet1.unres_qlen": "101",
"net.ipv4.neigh.vboxnet1.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet10.anycast_delay": "100",
"net.ipv4.neigh.vboxnet10.app_solicit": "0",
"net.ipv4.neigh.vboxnet10.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet10.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet10.delay_first_probe_time": "5",

"net.ipv4.neigh.vboxnet10.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet10.locktime": "100",
"net.ipv4.neigh.vboxnet10.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet10.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet10.proxy_delay": "80",
"net.ipv4.neigh.vboxnet10.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet10.retrans_time": "100",
"net.ipv4.neigh.vboxnet10.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet10.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet10.unres_qlen": "101",
"net.ipv4.neigh.vboxnet10.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet11.anycast_delay": "100",
"net.ipv4.neigh.vboxnet11.app_solicit": "0",
"net.ipv4.neigh.vboxnet11.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet11.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet11.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet11.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet11.locktime": "100",
"net.ipv4.neigh.vboxnet11.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet11.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet11.proxy_delay": "80",
"net.ipv4.neigh.vboxnet11.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet11.retrans_time": "100",
"net.ipv4.neigh.vboxnet11.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet11.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet11.unres_qlen": "101",
"net.ipv4.neigh.vboxnet11.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet12.anycast_delay": "100",
"net.ipv4.neigh.vboxnet12.app_solicit": "0",
"net.ipv4.neigh.vboxnet12.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet12.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet12.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet12.gc_stale_time": "60",

"net.ipv4.neigh.vboxnet12.locktime": "100",
"net.ipv4.neigh.vboxnet12.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet12.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet12.proxy_delay": "80",
"net.ipv4.neigh.vboxnet12.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet12.retrans_time": "100",
"net.ipv4.neigh.vboxnet12.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet12.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet12.unres_qlen": "101",
"net.ipv4.neigh.vboxnet12.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet13.anycast_delay": "100",
"net.ipv4.neigh.vboxnet13.app_solicit": "0",
"net.ipv4.neigh.vboxnet13.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet13.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet13.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet13.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet13.locktime": "100",
"net.ipv4.neigh.vboxnet13.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet13.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet13.proxy_delay": "80",
"net.ipv4.neigh.vboxnet13.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet13.retrans_time": "100",
"net.ipv4.neigh.vboxnet13.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet13.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet13.unres_qlen": "101",
"net.ipv4.neigh.vboxnet13.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet2.anycast_delay": "100",
"net.ipv4.neigh.vboxnet2.app_solicit": "0",
"net.ipv4.neigh.vboxnet2.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet2.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet2.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet2.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet2.locktime": "100",

"net.ipv4.neigh.vboxnet2.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet2.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet2.proxy_delay": "80",
"net.ipv4.neigh.vboxnet2.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet2.retrans_time": "100",
"net.ipv4.neigh.vboxnet2.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet2.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet2.unres_qlen": "101",
"net.ipv4.neigh.vboxnet2.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet3.anycast_delay": "100",
"net.ipv4.neigh.vboxnet3.app_solicit": "0",
"net.ipv4.neigh.vboxnet3.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet3.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet3.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet3.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet3.locktime": "100",
"net.ipv4.neigh.vboxnet3.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet3.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet3.proxy_delay": "80",
"net.ipv4.neigh.vboxnet3.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet3.retrans_time": "100",
"net.ipv4.neigh.vboxnet3.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet3.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet3.unres_qlen": "101",
"net.ipv4.neigh.vboxnet3.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet4.anycast_delay": "100",
"net.ipv4.neigh.vboxnet4.app_solicit": "0",
"net.ipv4.neigh.vboxnet4.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet4.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet4.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet4.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet4.locktime": "100",
"net.ipv4.neigh.vboxnet4.mcast_resolicit": "0",

"net.ipv4.neigh.vboxnet4.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet4.proxy_delay": "80",
"net.ipv4.neigh.vboxnet4.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet4.retrans_time": "100",
"net.ipv4.neigh.vboxnet4.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet4.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet4.unres_qlen": "101",
"net.ipv4.neigh.vboxnet4.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet5.anycast_delay": "100",
"net.ipv4.neigh.vboxnet5.app_solicit": "0",
"net.ipv4.neigh.vboxnet5.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet5.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet5.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet5.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet5.locktime": "100",
"net.ipv4.neigh.vboxnet5.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet5.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet5.proxy_delay": "80",
"net.ipv4.neigh.vboxnet5.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet5.retrans_time": "100",
"net.ipv4.neigh.vboxnet5.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet5.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet5.unres_qlen": "101",
"net.ipv4.neigh.vboxnet5.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet6.anycast_delay": "100",
"net.ipv4.neigh.vboxnet6.app_solicit": "0",
"net.ipv4.neigh.vboxnet6.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet6.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet6.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet6.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet6.locktime": "100",
"net.ipv4.neigh.vboxnet6.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet6.mcast_solicit": "3",

"net.ipv4.neigh.vboxnet6.proxy_delay": "80",
"net.ipv4.neigh.vboxnet6.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet6.retrans_time": "100",
"net.ipv4.neigh.vboxnet6.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet6.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet6.unres_qlen": "101",
"net.ipv4.neigh.vboxnet6.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet7.anycast_delay": "100",
"net.ipv4.neigh.vboxnet7.app_solicit": "0",
"net.ipv4.neigh.vboxnet7.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet7.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet7.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet7.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet7.locktime": "100",
"net.ipv4.neigh.vboxnet7.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet7.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet7.proxy_delay": "80",
"net.ipv4.neigh.vboxnet7.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet7.retrans_time": "100",
"net.ipv4.neigh.vboxnet7.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet7.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet7.unres_qlen": "101",
"net.ipv4.neigh.vboxnet7.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet8.anycast_delay": "100",
"net.ipv4.neigh.vboxnet8.app_solicit": "0",
"net.ipv4.neigh.vboxnet8.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet8.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet8.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet8.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet8.locktime": "100",
"net.ipv4.neigh.vboxnet8.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet8.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet8.proxy_delay": "80",

"net.ipv4.neigh.vboxnet8.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet8.retrans_time": "100",
"net.ipv4.neigh.vboxnet8.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet8.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet8.unres_qlen": "101",
"net.ipv4.neigh.vboxnet8.unres_qlen_bytes": "212992",
"net.ipv4.neigh.vboxnet9.anycast_delay": "100",
"net.ipv4.neigh.vboxnet9.app_solicit": "0",
"net.ipv4.neigh.vboxnet9.base_reachable_time": "30",
"net.ipv4.neigh.vboxnet9.base_reachable_time_ms": "30000",
"net.ipv4.neigh.vboxnet9.delay_first_probe_time": "5",
"net.ipv4.neigh.vboxnet9.gc_stale_time": "60",
"net.ipv4.neigh.vboxnet9.locktime": "100",
"net.ipv4.neigh.vboxnet9.mcast_resolicit": "0",
"net.ipv4.neigh.vboxnet9.mcast_solicit": "3",
"net.ipv4.neigh.vboxnet9.proxy_delay": "80",
"net.ipv4.neigh.vboxnet9.proxy_qlen": "64",
"net.ipv4.neigh.vboxnet9.retrans_time": "100",
"net.ipv4.neigh.vboxnet9.retrans_time_ms": "1000",
"net.ipv4.neigh.vboxnet9.unicast_solicit": "3",
"net.ipv4.neigh.vboxnet9.unres_qlen": "101",
"net.ipv4.neigh.vboxnet9.unres_qlen_bytes": "212992",
"net.ipv4.neigh.virbr0-nic.anycast_delay": "100",
"net.ipv4.neigh.virbr0-nic.app_solicit": "0",
"net.ipv4.neigh.virbr0-nic.base_reachable_time": "30",
"net.ipv4.neigh.virbr0-nic.base_reachable_time_ms": "30000",
"net.ipv4.neigh.virbr0-nic.delay_first_probe_time": "5",
"net.ipv4.neigh.virbr0-nic.gc_stale_time": "60",
"net.ipv4.neigh.virbr0-nic.locktime": "100",
"net.ipv4.neigh.virbr0-nic.mcast_resolicit": "0",
"net.ipv4.neigh.virbr0-nic.mcast_solicit": "3",
"net.ipv4.neigh.virbr0-nic.proxy_delay": "80",
"net.ipv4.neigh.virbr0-nic.proxy_qlen": "64",

"net.ipv4.neigh.virbr0-nic.retrans_time": "100",
"net.ipv4.neigh.virbr0-nic.retrans_time_ms": "1000",
"net.ipv4.neigh.virbr0-nic.unicast_solicit": "3",
"net.ipv4.neigh.virbr0-nic.unres_qlen": "101",
"net.ipv4.neigh.virbr0-nic.unres_qlen_bytes": "212992",
"net.ipv4.neigh.virbr0-anycast_delay": "100",
"net.ipv4.neigh.virbr0-app_solicit": "0",
"net.ipv4.neigh.virbr0-base_reachable_time": "30",
"net.ipv4.neigh.virbr0-base_reachable_time_ms": "30000",
"net.ipv4.neigh.virbr0-delay_first_probe_time": "5",
"net.ipv4.neigh.virbr0-gc_stale_time": "60",
"net.ipv4.neigh.virbr0-locktime": "100",
"net.ipv4.neigh.virbr0-mcast_resolicit": "0",
"net.ipv4.neigh.virbr0-mcast_solicit": "3",
"net.ipv4.neigh.virbr0-proxy_delay": "80",
"net.ipv4.neigh.virbr0-proxy_qlen": "64",
"net.ipv4.neigh.virbr0-retrans_time": "100",
"net.ipv4.neigh.virbr0-retrans_time_ms": "1000",
"net.ipv4.neigh.virbr0-unicast_solicit": "3",
"net.ipv4.neigh.virbr0-unres_qlen": "101",
"net.ipv4.neigh.virbr0-unres_qlen_bytes": "212992",
"net.ipv4.neigh.wlan0-anycast_delay": "100",
"net.ipv4.neigh.wlan0-app_solicit": "0",
"net.ipv4.neigh.wlan0-base_reachable_time": "30",
"net.ipv4.neigh.wlan0-base_reachable_time_ms": "30000",
"net.ipv4.neigh.wlan0-delay_first_probe_time": "5",
"net.ipv4.neigh.wlan0-gc_stale_time": "60",
"net.ipv4.neigh.wlan0-locktime": "100",
"net.ipv4.neigh.wlan0-mcast_resolicit": "0",
"net.ipv4.neigh.wlan0-mcast_solicit": "3",
"net.ipv4.neigh.wlan0-proxy_delay": "80",
"net.ipv4.neigh.wlan0-proxy_qlen": "64",
"net.ipv4.neigh.wlan0-retrans_time": "100",

"net.ipv4.neigh.wlan0.retrans_time_ms": "1000",
"net.ipv4.neigh.wlan0.ucast_solicit": "3",
"net.ipv4.neigh.wlan0.unres_qlen": "101",
"net.ipv4.neigh.wlan0.unres_qlen_bytes": "212992",
"net.ipv4.ping_group_range": "0\t2147483647",
"net.ipv4.raw_l3mdev_accept": "1",
"net.ipv4.route.error_burst": "5000",
"net.ipv4.route.error_cost": "1000",
"net.ipv4.route.gc_elasticity": "8",
"net.ipv4.route.gc_interval": "60",
"net.ipv4.route.gc_min_interval": "0",
"net.ipv4.route.gc_min_interval_ms": "500",
"net.ipv4.route.gc_thresh": "-1",
"net.ipv4.route.gc_timeout": "300",
"net.ipv4.route.max_size": "2147483647",
"net.ipv4.route.min_adv_mss": "256",
"net.ipv4.route.min_pmtu": "552",
"net.ipv4.route.mtu_expires": "600",
"net.ipv4.route.redirect_load": "20",
"net.ipv4.route.redirect_number": "9",
"net.ipv4.route.redirect_silence": "20480",
"net.ipv4.tcp_abort_on_overflow": "0",
"net.ipv4.tcp_adv_win_scale": "1",
"net.ipv4.tcp_allowed_congestion_control": "reno cubic",
"net.ipv4.tcp_app_win": "31",
"net.ipv4.tcp_autocorking": "1",
"net.ipv4.tcp_available_congestion_control": "reno cubic",
"net.ipv4.tcp_available_ulp": "",
"net.ipv4.tcp_base_mss": "1024",
"net.ipv4.tcp_challenge_ack_limit": "1000",
"net.ipv4.tcp_comp_sack_delay_ns": "1000000",
"net.ipv4.tcp_comp_sack_nr": "44",
"net.ipv4.tcp_congestion_control": "cubic",

"net.ipv4.tcp_dsack": "1",
"net.ipv4.tcp_early_demux": "1",
"net.ipv4.tcp_early_retrans": "3",
"net.ipv4.tcp_ecn": "2",
"net.ipv4.tcp_ecn_fallback": "1",
"net.ipv4.tcp_fack": "0",
"net.ipv4.tcp_fastopen": "1",
"net.ipv4.tcp_fastopen_blackhole_timeout_sec": "3600",
"net.ipv4.tcp_fin_timeout": "60",
"net.ipv4.tcp_frto": "2",
"net.ipv4.tcp_fwmark_accept": "0",
"net.ipv4.tcp_invalid_ratelimit": "500",
"net.ipv4.tcp_keepalive_intvl": "75",
"net.ipv4.tcp_keepalive_probes": "9",
"net.ipv4.tcp_keepalive_time": "7200",
"net.ipv4.tcp_l3mdev_accept": "0",
"net.ipv4.tcp_limit_output_bytes": "1048576",
"net.ipv4.tcp_low_latency": "0",
"net.ipv4.tcp_max_orphans": "131072",
"net.ipv4.tcp_max_reordering": "300",
"net.ipv4.tcp_max_syn_backlog": "2048",
"net.ipv4.tcp_max_tw_buckets": "131072",
"net.ipv4.tcp_mem": "381744\1508994\1763488",
"net.ipv4.tcp_min_rtt_wlen": "300",
"net.ipv4.tcp_min_snd_mss": "48",
"net.ipv4.tcp_min_tso_segs": "2",
"net.ipv4.tcp_moderate_rcvbuf": "1",
"net.ipv4.tcp_mtu_probe_floor": "48",
"net.ipv4.tcp_mtu_probing": "0",
"net.ipv4.tcp_no_metrics_save": "0",
"net.ipv4.tcp_notsent_lowat": "4294967295",
"net.ipv4.tcp_orphan_retries": "0",
"net.ipv4.tcp_pacing_ca_ratio": "120",

"net.ipv4.tcp_pacing_ss_ratio": "200",
"net.ipv4.tcp_probe_interval": "600",
"net.ipv4.tcp_probe_threshold": "8",
"net.ipv4.tcp_recovery": "1",
"net.ipv4.tcp_reordering": "3",
"net.ipv4.tcp_retransCollapse": "1",
"net.ipv4.tcp_retries1": "3",
"net.ipv4.tcp_retries2": "15",
"net.ipv4.tcp_rfc1337": "0",
"net.ipv4.tcp_rmem": "4096\t131072\t6291456",
"net.ipv4.tcp_rx_skb_cache": "0",
"net.ipv4.tcp_sack": "1",
"net.ipv4.tcp_slow_start_after_idle": "1",
"net.ipv4.tcp_stdurg": "0",
"net.ipv4.tcp_syn_retries": "6",
"net.ipv4.tcp_synack_retries": "5",
"net.ipv4.tcp_syncookies": "1",
"net.ipv4.tcp_thin_linear_timeouts": "0",
"net.ipv4.tcp_timestamps": "1",
"net.ipv4.tcp_tso_win_divisor": "3",
"net.ipv4.tcp_tw_reuse": "2",
"net.ipv4.tcp_tx_skb_cache": "0",
"net.ipv4.tcp_window_scaling": "1",
"net.ipv4.tcp_wmem": "4096\t16384\t4194304",
"net.ipv4.tcp_workaround_signed_windows": "0",
"net.ipv4.udp_early_demux": "1",
"net.ipv4.udp_l3mdev_accept": "0",
"net.ipv4.udp_mem": "763491\t1017988\t1526982",
"net.ipv4.udp_rmem_min": "4096",
"net.ipv4.udp_wmem_min": "4096",
"net.ipv4.xfrm4_gc_thresh": "32768",
"net.ipv6.anycast_src_echo_reply": "0",
"net.ipv6.auto_flowlabels": "1",

```
"net.ipv6.bindv6only": "0",
"net.ipv6.calipso_cache_bucket_size": "10",
"net.ipv6.calipso_cache_enable": "1",
"net.ipv6.conf.all.accept_dad": "0",
"net.ipv6.conf.all.accept_ra": "1",
"net.ipv6.conf.all.accept_ra_defrtr": "1",
"net.ipv6.conf.all.accept_ra_from_local": "0",
"net.ipv6.conf.all.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.all.accept_ra_mtu": "1",
"net.ipv6.conf.all.accept_ra_pinfo": "1",
"net.ipv6.conf.all.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.all.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.all.accept_ra_rtr_pref": "1",
"net.ipv6.conf.all.accept_redirects": "1",
"net.ipv6.conf.all.accept_source_route": "0",
"net.ipv6.conf.all.addr_gen_mode": "0",
"net.ipv6.conf.all.autoconf": "1",
"net.ipv6.conf.all.dad_transmits": "1",
"net.ipv6.conf.all.disable_ipv6": "0",
"net.ipv6.conf.all.disable_policy": "0",
"net.ipv6.conf.all.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.all.drop_unsolicited_na": "0",
"net.ipv6.conf.all.enhanced_dad": "1",
"net.ipv6.conf.all.force_mld_version": "0",
"net.ipv6.conf.all.force_tllao": "0",
"net.ipv6.conf.all.forwarding": "0",
"net.ipv6.conf.all.hop_limit": "64",
"net.ipv6.conf.all.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.all.keep_addr_on_down": "0",
"net.ipv6.conf.all.max_addresses": "16",
"net.ipv6.conf.all.max_desync_factor": "600",
"net.ipv6.conf.all.mc_forwarding": "0",
"net.ipv6.conf.all.mldv1_unsolicited_report_interval": "10000",
```

"net.ipv6.conf.all.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.all.mtu": "1280",
"net.ipv6.conf.all.ndisc_notify": "0",
"net.ipv6.conf.all.ndisc_tclass": "0",
"net.ipv6.conf.all.proxy_ndp": "0",
"net.ipv6.conf.all.regen_max_retry": "3",
"net.ipv6.conf.all.router_probe_interval": "60",
"net.ipv6.conf.all.router_solicitation_delay": "1",
"net.ipv6.conf.all.router_solicitation_interval": "4",
"net.ipv6.conf.all.router_solicitation_max_interval": "3600",
"net.ipv6.conf.all.router_solicitations": "-1",
"net.ipv6.conf.all.seg6_enabled": "0",
"net.ipv6.conf.all.seg6_require_hmac": "0",
"net.ipv6.conf.all.suppress_frag_ndisc": "1",
"net.ipv6.conf.all.temp_prefered_lft": "86400",
"net.ipv6.conf.all.temp_valid_lft": "604800",
"net.ipv6.conf.all.use_oif_addrs_only": "0",
"net.ipv6.conf.all.use_tempaddr": "2",
"net.ipv6.conf.default.accept_dad": "1",
"net.ipv6.conf.default.accept_ra": "1",
"net.ipv6.conf.default.accept_ra_defrtr": "1",
"net.ipv6.conf.default.accept_ra_from_local": "0",
"net.ipv6.conf.default.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.default.accept_ra_mtu": "1",
"net.ipv6.conf.default.accept_ra_pinfo": "1",
"net.ipv6.conf.default.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.default.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.default.accept_ra_rtr_pref": "1",
"net.ipv6.conf.default.accept_redirects": "1",
"net.ipv6.conf.default.accept_source_route": "0",
"net.ipv6.conf.default.addr_gen_mode": "0",
"net.ipv6.conf.default.autoconf": "1",
"net.ipv6.conf.default.dad_transmits": "1",

```
"net.ipv6.conf.default.disable_ipv6": "0",
"net.ipv6.conf.default.disable_policy": "0",
"net.ipv6.conf.default.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.default.drop_unsolicited_na": "0",
"net.ipv6.conf.default.enhanced_dad": "1",
"net.ipv6.conf.default.force_mld_version": "0",
"net.ipv6.conf.default.force_tllao": "0",
"net.ipv6.conf.default.forwarding": "0",
"net.ipv6.conf.default.hop_limit": "64",
"net.ipv6.conf.default.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.default.keep_addr_on_down": "0",
"net.ipv6.conf.default.max_addresses": "16",
"net.ipv6.conf.default.max_desync_factor": "600",
"net.ipv6.conf.default.mc_forwarding": "0",
"net.ipv6.conf.default.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.default.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.default.mtu": "1280",
"net.ipv6.conf.default.ndisc_notify": "0",
"net.ipv6.conf.default.ndisc_tclass": "0",
"net.ipv6.conf.default.proxy_ndp": "0",
"net.ipv6.conf.default.regen_max_retry": "3",
"net.ipv6.conf.default.router_probe_interval": "60",
"net.ipv6.conf.default.router_solicitation_delay": "1",
"net.ipv6.conf.default.router_solicitation_interval": "4",
"net.ipv6.conf.default.router_solicitation_max_interval": "3600",
"net.ipv6.conf.default.router_solicitations": "-1",
"net.ipv6.conf.default.seg6_enabled": "0",
"net.ipv6.conf.default.seg6_require_hmac": "0",
"net.ipv6.conf.default.suppress_frag_ndisc": "1",
"net.ipv6.conf.default.temp_preferred_lft": "86400",
"net.ipv6.conf.default.temp_valid_lft": "604800",
"net.ipv6.conf.default.use_oif_addrs_only": "0",
"net.ipv6.conf.default.use_tempaddr": "2",
```

"net.ipv6.conf.docker0.accept_dad": "1",
"net.ipv6.conf.docker0.accept_ra": "1",
"net.ipv6.conf.docker0.accept_ra_defrtr": "1",
"net.ipv6.conf.docker0.accept_ra_from_local": "0",
"net.ipv6.conf.docker0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.docker0.accept_ra_mtu": "1",
"net.ipv6.conf.docker0.accept_ra_pinfo": "1",
"net.ipv6.conf.docker0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.docker0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.docker0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.docker0.accept_redirects": "1",
"net.ipv6.conf.docker0.accept_source_route": "0",
"net.ipv6.conf.docker0.addr_gen_mode": "0",
"net.ipv6.conf.docker0.autoconf": "1",
"net.ipv6.conf.docker0.dad_transmits": "1",
"net.ipv6.conf.docker0.disable_ipv6": "0",
"net.ipv6.conf.docker0.disable_policy": "0",
"net.ipv6.conf.docker0.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.docker0.drop_unsolicited_na": "0",
"net.ipv6.conf.docker0.enhanced_dad": "1",
"net.ipv6.conf.docker0.force_mld_version": "0",
"net.ipv6.conf.docker0.force_tllao": "0",
"net.ipv6.conf.docker0.forwarding": "0",
"net.ipv6.conf.docker0.hop_limit": "64",
"net.ipv6.conf.docker0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.docker0.keep_addr_on_down": "0",
"net.ipv6.conf.docker0.max_addresses": "16",
"net.ipv6.conf.docker0.max_desync_factor": "600",
"net.ipv6.conf.docker0.mc_forwarding": "0",
"net.ipv6.conf.docker0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.docker0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.docker0.mtu": "1500",
"net.ipv6.conf.docker0.ndisc_notify": "0",

```
"net.ipv6.conf.docker0.ndisc_tclass": "0",
"net.ipv6.conf.docker0.proxy_ndp": "0",
"net.ipv6.conf.docker0.regen_max_retry": "3",
"net.ipv6.conf.docker0.router_probe_interval": "60",
"net.ipv6.conf.docker0.router_solicitation_delay": "1",
"net.ipv6.conf.docker0.router_solicitation_interval": "4",
"net.ipv6.conf.docker0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.docker0.router_solicitations": "-1",
"net.ipv6.conf.docker0.seg6_enabled": "0",
"net.ipv6.conf.docker0.seg6_require_hmac": "0",
"net.ipv6.conf.docker0.suppress_frag_ndisc": "1",
"net.ipv6.conf.docker0.temp_prefered_lft": "86400",
"net.ipv6.conf.docker0.temp_valid_lft": "604800",
"net.ipv6.conf.docker0.use_oif_addrs_only": "0",
"net.ipv6.conf.docker0.use_tempaddr": "2",
"net.ipv6.conf.eth0.accept_dad": "1",
"net.ipv6.conf.eth0.accept_ra": "0",
"net.ipv6.conf.eth0.accept_ra_defrtr": "1",
"net.ipv6.conf.eth0.accept_ra_from_local": "0",
"net.ipv6.conf.eth0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.eth0.accept_ra_mtu": "1",
"net.ipv6.conf.eth0.accept_ra_pinfo": "1",
"net.ipv6.conf.eth0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.eth0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.eth0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.eth0.accept_redirects": "1",
"net.ipv6.conf.eth0.accept_source_route": "0",
"net.ipv6.conf.eth0.addr_gen_mode": "1",
"net.ipv6.conf.eth0.autoconf": "1",
"net.ipv6.conf.eth0.dad_transmits": "1",
"net.ipv6.conf.eth0.disable_ipv6": "0",
"net.ipv6.conf.eth0.disable_policy": "0",
"net.ipv6.conf.eth0.drop_unicast_in_12_multicast": "0",
```

```
"net.ipv6.conf.eth0.drop_unsolicited_na": "0",
"net.ipv6.conf.eth0.enhanced_dad": "1",
"net.ipv6.conf.eth0.force_mld_version": "0",
"net.ipv6.conf.eth0.force_tllao": "0",
"net.ipv6.conf.eth0.forwarding": "0",
"net.ipv6.conf.eth0.hop_limit": "64",
"net.ipv6.conf.eth0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.eth0.keep_addr_on_down": "0",
"net.ipv6.conf.eth0.max_addresses": "16",
"net.ipv6.conf.eth0.max_desync_factor": "600",
"net.ipv6.conf.eth0.mc_forwarding": "0",
"net.ipv6.conf.eth0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.eth0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.eth0.mtu": "1500",
"net.ipv6.conf.eth0.ndisc_notify": "0",
"net.ipv6.conf.eth0.ndisc_tcclass": "0",
"net.ipv6.conf.eth0.proxy_ndp": "0",
"net.ipv6.conf.eth0.regen_max_retry": "3",
"net.ipv6.conf.eth0.router_probe_interval": "60",
"net.ipv6.conf.eth0.router_solicitation_delay": "1",
"net.ipv6.conf.eth0.router_solicitation_interval": "4",
"net.ipv6.conf.eth0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.eth0.router_solicitations": "-1",
"net.ipv6.conf.eth0.seg6_enabled": "0",
"net.ipv6.conf.eth0.seg6_require_hmac": "0",
"net.ipv6.conf.eth0.suppress_frag_ndisc": "1",
"net.ipv6.conf.eth0.temp_prefered_lft": "86400",
"net.ipv6.conf.eth0.temp_valid_lft": "604800",
"net.ipv6.conf.eth0.use_oif_addrs_only": "0",
"net.ipv6.conf.eth0.use_tempaddr": "0",
"net.ipv6.conf.lo.accept_dad": "-1",
"net.ipv6.conf.lo.accept_ra": "1",
"net.ipv6.conf.lo.accept_ra_defrtr": "1",
```

```
"net.ipv6.conf.lo.accept_ra_from_local": "0",
"net.ipv6.conf.lo.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.lo.accept_ra_mtu": "1",
"net.ipv6.conf.lo.accept_ra_pinfo": "1",
"net.ipv6.conf.lo.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.lo.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.lo.accept_ra_rtr_pref": "1",
"net.ipv6.conf.lo.accept_redirects": "1",
"net.ipv6.conf.lo.accept_source_route": "0",
"net.ipv6.conf.lo.addr_gen_mode": "0",
"net.ipv6.conf.lo.autoconf": "1",
"net.ipv6.conf.lo.dad_transmits": "1",
"net.ipv6.conf.lo.disable_ipv6": "0",
"net.ipv6.conf.lo.disable_policy": "0",
"net.ipv6.conf.lo.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.lo.drop_unsolicited_na": "0",
"net.ipv6.conf.lo.enhanced_dad": "1",
"net.ipv6.conf.lo.force_mld_version": "0",
"net.ipv6.conf.lo.force_tllao": "0",
"net.ipv6.conf.lo.forwarding": "0",
"net.ipv6.conf.lo.hop_limit": "64",
"net.ipv6.conf.lo.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.lo.keep_addr_on_down": "0",
"net.ipv6.conf.lo.max_addresses": "16",
"net.ipv6.conf.lo.max_desync_factor": "600",
"net.ipv6.conf.lo.mc_forwarding": "0",
"net.ipv6.conf.lo.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.lo.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.lo.mtu": "65536",
"net.ipv6.conf.lo.ndisc_notify": "0",
"net.ipv6.conf.lo.ndisc_tclass": "0",
"net.ipv6.conf.lo.proxy_ndp": "0",
"net.ipv6.conf.lo.regen_max_retry": "3",
```

```
"net.ipv6.conf.lo.router_probe_interval": "60",
"net.ipv6.conf.lo.router_solicitation_delay": "1",
"net.ipv6.conf.lo.router_solicitation_interval": "4",
"net.ipv6.conf.lo.router_solicitation_max_interval": "3600",
"net.ipv6.conf.lo.router_solicitations": "-1",
"net.ipv6.conf.lo.seg6_enabled": "0",
"net.ipv6.conf.lo.seg6_require_hmac": "0",
"net.ipv6.conf.lo.suppress_frag_ndisc": "1",
"net.ipv6.conf.lo.temp_prefered_lft": "86400",
"net.ipv6.conf.lo.temp_valid_lft": "604800",
"net.ipv6.conf.lo.use_oif_addrs_only": "0",
"net.ipv6.conf.lo.use_tempaddr": "-1",
"net.ipv6.conf.tun0.accept_dad": "-1",
"net.ipv6.conf.tun0.accept_ra": "1",
"net.ipv6.conf.tun0.accept_ra_defrtr": "1",
"net.ipv6.conf.tun0.accept_ra_from_local": "0",
"net.ipv6.conf.tun0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.tun0.accept_ra_mtu": "1",
"net.ipv6.conf.tun0.accept_ra_pinfo": "1",
"net.ipv6.conf.tun0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.tun0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.tun0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.tun0.accept_redirects": "1",
"net.ipv6.conf.tun0.accept_source_route": "0",
"net.ipv6.conf.tun0.addr_gen_mode": "3",
"net.ipv6.conf.tun0.autoconf": "1",
"net.ipv6.conf.tun0.dad_transmits": "1",
"net.ipv6.conf.tun0.disable_ipv6": "0",
"net.ipv6.conf.tun0.disable_policy": "0",
"net.ipv6.conf.tun0.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.tun0.drop_unsolicited_na": "0",
"net.ipv6.conf.tun0.enhanced_dad": "1",
"net.ipv6.conf.tun0.force_mld_version": "0",
```

"net.ipv6.conf.tun0.force_tllao": "0",
"net.ipv6.conf.tun0.forwarding": "0",
"net.ipv6.conf.tun0.hop_limit": "64",
"net.ipv6.conf.tun0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.tun0.keep_addr_on_down": "0",
"net.ipv6.conf.tun0.max_addresses": "16",
"net.ipv6.conf.tun0.max_desync_factor": "600",
"net.ipv6.conf.tun0.mc_forwarding": "0",
"net.ipv6.conf.tun0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.tun0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.tun0.mtu": "1500",
"net.ipv6.conf.tun0.ndisc_notify": "0",
"net.ipv6.conf.tun0.ndisc_tclass": "0",
"net.ipv6.conf.tun0.proxy_ndp": "0",
"net.ipv6.conf.tun0.regen_max_retry": "3",
"net.ipv6.conf.tun0.router_probe_interval": "60",
"net.ipv6.conf.tun0.router_solicitation_delay": "1",
"net.ipv6.conf.tun0.router_solicitation_interval": "4",
"net.ipv6.conf.tun0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.tun0.router_solicitations": "-1",
"net.ipv6.conf.tun0.seg6_enabled": "0",
"net.ipv6.conf.tun0.seg6_require_hmac": "0",
"net.ipv6.conf.tun0.suppress_frag_ndisc": "1",
"net.ipv6.conf.tun0.temp_prefered_lft": "86400",
"net.ipv6.conf.tun0.temp_valid_lft": "604800",
"net.ipv6.conf.tun0.use_oif_addrs_only": "0",
"net.ipv6.conf.tun0.use_tempaddr": "-1",
"net.ipv6.conf.vboxnet0.accept_dad": "1",
"net.ipv6.conf.vboxnet0.accept_ra": "1",
"net.ipv6.conf.vboxnet0.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet0.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet0.accept_ra_mtu": "1",

"net.ipv6.conf.vboxnet0.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet0.accept_redirects": "1",
"net.ipv6.conf.vboxnet0.accept_source_route": "0",
"net.ipv6.conf.vboxnet0.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet0.autoconf": "1",
"net.ipv6.conf.vboxnet0.dad_transmits": "1",
"net.ipv6.conf.vboxnet0.disable_ipv6": "0",
"net.ipv6.conf.vboxnet0.disable_policy": "0",
"net.ipv6.conf.vboxnet0.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.vboxnet0.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet0.enhanced_dad": "1",
"net.ipv6.conf.vboxnet0.force_mld_version": "0",
"net.ipv6.conf.vboxnet0.force_tllao": "0",
"net.ipv6.conf.vboxnet0.forwarding": "0",
"net.ipv6.conf.vboxnet0.hop_limit": "64",
"net.ipv6.conf.vboxnet0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet0.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet0.max_addresses": "16",
"net.ipv6.conf.vboxnet0.max_desync_factor": "600",
"net.ipv6.conf.vboxnet0.mc_forwarding": "0",
"net.ipv6.conf.vboxnet0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet0.mtu": "1500",
"net.ipv6.conf.vboxnet0.ndisc_notify": "0",
"net.ipv6.conf.vboxnet0.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet0.proxy_ndp": "0",
"net.ipv6.conf.vboxnet0.regen_max_retry": "3",
"net.ipv6.conf.vboxnet0.router_probe_interval": "60",
"net.ipv6.conf.vboxnet0.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet0.router_solicitation_interval": "4",

"net.ipv6.conf.vboxnet0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet0.router_solicitations": "-1",
"net.ipv6.conf.vboxnet0.seg6_enabled": "0",
"net.ipv6.conf.vboxnet0.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet0.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet0.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet0.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet0.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet0.use_tempaddr": "2",
"net.ipv6.conf.vboxnet1.accept_dad": "1",
"net.ipv6.conf.vboxnet1.accept_ra": "1",
"net.ipv6.conf.vboxnet1.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet1.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet1.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet1.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet1.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet1.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet1.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet1.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet1.accept_redirects": "1",
"net.ipv6.conf.vboxnet1.accept_source_route": "0",
"net.ipv6.conf.vboxnet1.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet1.autoconf": "1",
"net.ipv6.conf.vboxnet1.dad_transmits": "1",
"net.ipv6.conf.vboxnet1.disable_ipv6": "0",
"net.ipv6.conf.vboxnet1.disable_policy": "0",
"net.ipv6.conf.vboxnet1.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet1.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet1.enhanced_dad": "1",
"net.ipv6.conf.vboxnet1.force_mld_version": "0",
"net.ipv6.conf.vboxnet1.force_tllao": "0",
"net.ipv6.conf.vboxnet1.forwarding": "0",
"net.ipv6.conf.vboxnet1.hop_limit": "64",

"net.ipv6.conf.vboxnet1.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet1.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet1.max_addresses": "16",
"net.ipv6.conf.vboxnet1.max_desync_factor": "600",
"net.ipv6.conf.vboxnet1.mc_forwarding": "0",
"net.ipv6.conf.vboxnet1.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet1.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet1.mtu": "1500",
"net.ipv6.conf.vboxnet1.ndisc_notify": "0",
"net.ipv6.conf.vboxnet1.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet1.proxy_ndp": "0",
"net.ipv6.conf.vboxnet1.regen_max_retry": "3",
"net.ipv6.conf.vboxnet1.router_probe_interval": "60",
"net.ipv6.conf.vboxnet1.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet1.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet1.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet1.router_solicitations": "-1",
"net.ipv6.conf.vboxnet1.seg6_enabled": "0",
"net.ipv6.conf.vboxnet1.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet1.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet1.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet1.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet1.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet1.use_tempaddr": "2",
"net.ipv6.conf.vboxnet10.accept_dad": "1",
"net.ipv6.conf.vboxnet10.accept_ra": "1",
"net.ipv6.conf.vboxnet10.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet10.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet10.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet10.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet10.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet10.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet10.accept_ra_rt_info_min_plen": "0",

"net.ipv6.conf.vboxnet10.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet10.accept_redirects": "1",
"net.ipv6.conf.vboxnet10.accept_source_route": "0",
"net.ipv6.conf.vboxnet10.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet10.autoconf": "1",
"net.ipv6.conf.vboxnet10.dad_transmits": "1",
"net.ipv6.conf.vboxnet10.disable_ipv6": "0",
"net.ipv6.conf.vboxnet10.disable_policy": "0",
"net.ipv6.conf.vboxnet10.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet10.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet10.enhanced_dad": "1",
"net.ipv6.conf.vboxnet10.force_mld_version": "0",
"net.ipv6.conf.vboxnet10.force_tllao": "0",
"net.ipv6.conf.vboxnet10.forwarding": "0",
"net.ipv6.conf.vboxnet10.hop_limit": "64",
"net.ipv6.conf.vboxnet10.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet10.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet10.max_addresses": "16",
"net.ipv6.conf.vboxnet10.max_desync_factor": "600",
"net.ipv6.conf.vboxnet10.mc_forwarding": "0",
"net.ipv6.conf.vboxnet10.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet10.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet10.mtu": "1500",
"net.ipv6.conf.vboxnet10.ndisc_notify": "0",
"net.ipv6.conf.vboxnet10.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet10.proxy_ndp": "0",
"net.ipv6.conf.vboxnet10.regen_max_retry": "3",
"net.ipv6.conf.vboxnet10.router_probe_interval": "60",
"net.ipv6.conf.vboxnet10.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet10.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet10.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet10.router_solicitations": "-1",
"net.ipv6.conf.vboxnet10.seg6_enabled": "0",

"net.ipv6.conf.vboxnet10.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet10.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet10.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet10.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet10.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet10.use_tempaddr": "2",
"net.ipv6.conf.vboxnet11.accept_dad": "1",
"net.ipv6.conf.vboxnet11.accept_ra": "1",
"net.ipv6.conf.vboxnet11.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet11.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet11.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet11.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet11.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet11.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet11.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet11.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet11.accept_redirects": "1",
"net.ipv6.conf.vboxnet11.accept_source_route": "0",
"net.ipv6.conf.vboxnet11.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet11.autoconf": "1",
"net.ipv6.conf.vboxnet11.dad_transmits": "1",
"net.ipv6.conf.vboxnet11.disable_ipv6": "0",
"net.ipv6.conf.vboxnet11.disable_policy": "0",
"net.ipv6.conf.vboxnet11.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet11.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet11.enhanced_dad": "1",
"net.ipv6.conf.vboxnet11.force_mld_version": "0",
"net.ipv6.conf.vboxnet11.force_tllao": "0",
"net.ipv6.conf.vboxnet11.forwarding": "0",
"net.ipv6.conf.vboxnet11.hop_limit": "64",
"net.ipv6.conf.vboxnet11.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet11.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet11.max_addresses": "16",

"net.ipv6.conf.vboxnet11.max_desync_factor": "600",
"net.ipv6.conf.vboxnet11.mc_forwarding": "0",
"net.ipv6.conf.vboxnet11.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet11.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet11.mtu": "1500",
"net.ipv6.conf.vboxnet11.ndisc_notify": "0",
"net.ipv6.conf.vboxnet11.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet11.proxy_ndp": "0",
"net.ipv6.conf.vboxnet11.regen_max_retry": "3",
"net.ipv6.conf.vboxnet11.router_probe_interval": "60",
"net.ipv6.conf.vboxnet11.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet11.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet11.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet11.router_solicitations": "-1",
"net.ipv6.conf.vboxnet11.seg6_enabled": "0",
"net.ipv6.conf.vboxnet11.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet11.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet11.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet11.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet11.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet11.use_tempaddr": "2",
"net.ipv6.conf.vboxnet12.accept_dad": "1",
"net.ipv6.conf.vboxnet12.accept_ra": "1",
"net.ipv6.conf.vboxnet12.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet12.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet12.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet12.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet12.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet12.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet12.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet12.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet12.accept_redirects": "1",
"net.ipv6.conf.vboxnet12.accept_source_route": "0",

"net.ipv6.conf.vboxnet12.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet12.autoconf": "1",
"net.ipv6.conf.vboxnet12.dad_transmits": "1",
"net.ipv6.conf.vboxnet12.disable_ipv6": "0",
"net.ipv6.conf.vboxnet12.disable_policy": "0",
"net.ipv6.conf.vboxnet12.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet12.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet12.enhanced_dad": "1",
"net.ipv6.conf.vboxnet12.force_mld_version": "0",
"net.ipv6.conf.vboxnet12.force_tllao": "0",
"net.ipv6.conf.vboxnet12.forwarding": "0",
"net.ipv6.conf.vboxnet12.hop_limit": "64",
"net.ipv6.conf.vboxnet12.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet12.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet12.max_addresses": "16",
"net.ipv6.conf.vboxnet12.max_desync_factor": "600",
"net.ipv6.conf.vboxnet12.mc_forwarding": "0",
"net.ipv6.conf.vboxnet12.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet12.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet12.mtu": "1500",
"net.ipv6.conf.vboxnet12.ndisc_notify": "0",
"net.ipv6.conf.vboxnet12.ndisc_tcclass": "0",
"net.ipv6.conf.vboxnet12.proxy_ndp": "0",
"net.ipv6.conf.vboxnet12.regen_max_retry": "3",
"net.ipv6.conf.vboxnet12.router_probe_interval": "60",
"net.ipv6.conf.vboxnet12.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet12.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet12.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet12.router_solicitations": "-1",
"net.ipv6.conf.vboxnet12.seg6_enabled": "0",
"net.ipv6.conf.vboxnet12.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet12.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet12.temp_prefered_lft": "86400",

"net.ipv6.conf.vboxnet12.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet12.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet12.use_tempaddr": "2",
"net.ipv6.conf.vboxnet13.accept_dad": "1",
"net.ipv6.conf.vboxnet13.accept_ra": "1",
"net.ipv6.conf.vboxnet13.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet13.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet13.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet13.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet13.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet13.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet13.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet13.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet13.accept_redirects": "1",
"net.ipv6.conf.vboxnet13.accept_source_route": "0",
"net.ipv6.conf.vboxnet13.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet13.autoconf": "1",
"net.ipv6.conf.vboxnet13.dad_transmits": "1",
"net.ipv6.conf.vboxnet13.disable_ipv6": "0",
"net.ipv6.conf.vboxnet13.disable_policy": "0",
"net.ipv6.conf.vboxnet13.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet13.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet13.enhanced_dad": "1",
"net.ipv6.conf.vboxnet13.force_mld_version": "0",
"net.ipv6.conf.vboxnet13.force_tllao": "0",
"net.ipv6.conf.vboxnet13.forwarding": "0",
"net.ipv6.conf.vboxnet13.hop_limit": "64",
"net.ipv6.conf.vboxnet13.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet13.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet13.max_addresses": "16",
"net.ipv6.conf.vboxnet13.max_desync_factor": "600",
"net.ipv6.conf.vboxnet13.mc_forwarding": "0",
"net.ipv6.conf.vboxnet13.mldv1_unsolicited_report_interval": "10000",

"net.ipv6.conf.vboxnet13.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet13.mtu": "1500",
"net.ipv6.conf.vboxnet13.ndisc_notify": "0",
"net.ipv6.conf.vboxnet13.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet13.proxy_ndp": "0",
"net.ipv6.conf.vboxnet13.regen_max_retry": "3",
"net.ipv6.conf.vboxnet13.router_probe_interval": "60",
"net.ipv6.conf.vboxnet13.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet13.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet13.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet13.router_solicitations": "-1",
"net.ipv6.conf.vboxnet13.seg6_enabled": "0",
"net.ipv6.conf.vboxnet13.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet13.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet13.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet13.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet13.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet13.use_tempaddr": "2",
"net.ipv6.conf.vboxnet2.accept_dad": "1",
"net.ipv6.conf.vboxnet2.accept_ra": "1",
"net.ipv6.conf.vboxnet2.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet2.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet2.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet2.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet2.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet2.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet2.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet2.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet2.accept_redirects": "1",
"net.ipv6.conf.vboxnet2.accept_source_route": "0",
"net.ipv6.conf.vboxnet2.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet2.autoconf": "1",
"net.ipv6.conf.vboxnet2.dad_transmits": "1",

```
"net.ipv6.conf.vboxnet2.disable_ipv6": "0",
"net.ipv6.conf.vboxnet2.disable_policy": "0",
"net.ipv6.conf.vboxnet2.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.vboxnet2.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet2.enhanced_dad": "1",
"net.ipv6.conf.vboxnet2.force_mld_version": "0",
"net.ipv6.conf.vboxnet2.force_tllao": "0",
"net.ipv6.conf.vboxnet2.forwarding": "0",
"net.ipv6.conf.vboxnet2.hop_limit": "64",
"net.ipv6.conf.vboxnet2.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet2.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet2.max_addresses": "16",
"net.ipv6.conf.vboxnet2.max_desync_factor": "600",
"net.ipv6.conf.vboxnet2.mc_forwarding": "0",
"net.ipv6.conf.vboxnet2.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet2.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet2.mtu": "1500",
"net.ipv6.conf.vboxnet2.ndisc_notify": "0",
"net.ipv6.conf.vboxnet2.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet2.proxy_ndp": "0",
"net.ipv6.conf.vboxnet2.regen_max_retry": "3",
"net.ipv6.conf.vboxnet2.router_probe_interval": "60",
"net.ipv6.conf.vboxnet2.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet2.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet2.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet2.router_solicitations": "-1",
"net.ipv6.conf.vboxnet2.seg6_enabled": "0",
"net.ipv6.conf.vboxnet2.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet2.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet2.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet2.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet2.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet2.use_tempaddr": "2",
```

```
"net.ipv6.conf.vboxnet3.accept_dad": "1",
"net.ipv6.conf.vboxnet3.accept_ra": "1",
"net.ipv6.conf.vboxnet3.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet3.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet3.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet3.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet3.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet3.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet3.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet3.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet3.accept_redirects": "1",
"net.ipv6.conf.vboxnet3.accept_source_route": "0",
"net.ipv6.conf.vboxnet3.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet3.autoconf": "1",
"net.ipv6.conf.vboxnet3.dad_transmits": "1",
"net.ipv6.conf.vboxnet3.disable_ipv6": "0",
"net.ipv6.conf.vboxnet3.disable_policy": "0",
"net.ipv6.conf.vboxnet3.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet3.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet3.enhanced_dad": "1",
"net.ipv6.conf.vboxnet3.force_mld_version": "0",
"net.ipv6.conf.vboxnet3.force_tllao": "0",
"net.ipv6.conf.vboxnet3.forwarding": "0",
"net.ipv6.conf.vboxnet3.hop_limit": "64",
"net.ipv6.conf.vboxnet3.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet3.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet3.max_addresses": "16",
"net.ipv6.conf.vboxnet3.max_desync_factor": "600",
"net.ipv6.conf.vboxnet3.mc_forwarding": "0",
"net.ipv6.conf.vboxnet3.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet3.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet3.mtu": "1500",
"net.ipv6.conf.vboxnet3.ndisc_notify": "0",
```

```
"net.ipv6.conf.vboxnet3.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet3.proxy_ndp": "0",
"net.ipv6.conf.vboxnet3.regen_max_retry": "3",
"net.ipv6.conf.vboxnet3.router_probe_interval": "60",
"net.ipv6.conf.vboxnet3.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet3.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet3.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet3.router_solicitations": "-1",
"net.ipv6.conf.vboxnet3.seg6_enabled": "0",
"net.ipv6.conf.vboxnet3.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet3.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet3.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet3.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet3.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet3.use_tempaddr": "2",
"net.ipv6.conf.vboxnet4.accept_dad": "1",
"net.ipv6.conf.vboxnet4.accept_ra": "1",
"net.ipv6.conf.vboxnet4.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet4.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet4.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet4.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet4.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet4.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet4.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet4.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet4.accept_redirects": "1",
"net.ipv6.conf.vboxnet4.accept_source_route": "0",
"net.ipv6.conf.vboxnet4.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet4.autoconf": "1",
"net.ipv6.conf.vboxnet4.dad_transmits": "1",
"net.ipv6.conf.vboxnet4.disable_ipv6": "0",
"net.ipv6.conf.vboxnet4.disable_policy": "0",
"net.ipv6.conf.vboxnet4.drop_unicast_in_12_multicast": "0",
```

"net.ipv6.conf.vboxnet4.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet4.enhanced_dad": "1",
"net.ipv6.conf.vboxnet4.force_mld_version": "0",
"net.ipv6.conf.vboxnet4.force_tllao": "0",
"net.ipv6.conf.vboxnet4.forwarding": "0",
"net.ipv6.conf.vboxnet4.hop_limit": "64",
"net.ipv6.conf.vboxnet4.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet4.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet4.max_addresses": "16",
"net.ipv6.conf.vboxnet4.max_desync_factor": "600",
"net.ipv6.conf.vboxnet4.mc_forwarding": "0",
"net.ipv6.conf.vboxnet4.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet4.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet4.mtu": "1500",
"net.ipv6.conf.vboxnet4.ndisc_notify": "0",
"net.ipv6.conf.vboxnet4.ndisc_tcclass": "0",
"net.ipv6.conf.vboxnet4.proxy_ndp": "0",
"net.ipv6.conf.vboxnet4.regen_max_retry": "3",
"net.ipv6.conf.vboxnet4.router_probe_interval": "60",
"net.ipv6.conf.vboxnet4.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet4.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet4.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet4.router_solicitations": "-1",
"net.ipv6.conf.vboxnet4.seg6_enabled": "0",
"net.ipv6.conf.vboxnet4.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet4.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet4.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet4.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet4.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet4.use_tempaddr": "2",
"net.ipv6.conf.vboxnet5.accept_dad": "1",
"net.ipv6.conf.vboxnet5.accept_ra": "1",
"net.ipv6.conf.vboxnet5.accept_ra_defrtr": "1",

"net.ipv6.conf.vboxnet5.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet5.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet5.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet5.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet5.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet5.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet5.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet5.accept_redirects": "1",
"net.ipv6.conf.vboxnet5.accept_source_route": "0",
"net.ipv6.conf.vboxnet5.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet5.autoconf": "1",
"net.ipv6.conf.vboxnet5.dad_transmits": "1",
"net.ipv6.conf.vboxnet5.disable_ipv6": "0",
"net.ipv6.conf.vboxnet5.disable_policy": "0",
"net.ipv6.conf.vboxnet5.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet5.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet5.enhanced_dad": "1",
"net.ipv6.conf.vboxnet5.force_mld_version": "0",
"net.ipv6.conf.vboxnet5.force_tllao": "0",
"net.ipv6.conf.vboxnet5.forwarding": "0",
"net.ipv6.conf.vboxnet5.hop_limit": "64",
"net.ipv6.conf.vboxnet5.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet5.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet5.max_addresses": "16",
"net.ipv6.conf.vboxnet5.max_desync_factor": "600",
"net.ipv6.conf.vboxnet5.mc_forwarding": "0",
"net.ipv6.conf.vboxnet5.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet5.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet5.mtu": "1500",
"net.ipv6.conf.vboxnet5.ndisc_notify": "0",
"net.ipv6.conf.vboxnet5.ndisc_tcclass": "0",
"net.ipv6.conf.vboxnet5.proxy_ndp": "0",
"net.ipv6.conf.vboxnet5.regen_max_retry": "3",

```
"net.ipv6.conf.vboxnet5.router_probe_interval": "60",
"net.ipv6.conf.vboxnet5.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet5.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet5.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet5.router_solicitations": "-1",
"net.ipv6.conf.vboxnet5.seg6_enabled": "0",
"net.ipv6.conf.vboxnet5.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet5.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet5.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet5.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet5.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet5.use_tempaddr": "2",
"net.ipv6.conf.vboxnet6.accept_dad": "1",
"net.ipv6.conf.vboxnet6.accept_ra": "1",
"net.ipv6.conf.vboxnet6.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet6.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet6.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet6.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet6.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet6.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet6.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet6.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet6.accept_redirects": "1",
"net.ipv6.conf.vboxnet6.accept_source_route": "0",
"net.ipv6.conf.vboxnet6.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet6.autoconf": "1",
"net.ipv6.conf.vboxnet6.dad_transmits": "1",
"net.ipv6.conf.vboxnet6.disable_ipv6": "0",
"net.ipv6.conf.vboxnet6.disable_policy": "0",
"net.ipv6.conf.vboxnet6.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.vboxnet6.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet6.enhanced_dad": "1",
"net.ipv6.conf.vboxnet6.force_mld_version": "0",
```

"net.ipv6.conf.vboxnet6.force_tllao": "0",
"net.ipv6.conf.vboxnet6.forwarding": "0",
"net.ipv6.conf.vboxnet6.hop_limit": "64",
"net.ipv6.conf.vboxnet6.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet6.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet6.max_addresses": "16",
"net.ipv6.conf.vboxnet6.max_desync_factor": "600",
"net.ipv6.conf.vboxnet6.mc_forwarding": "0",
"net.ipv6.conf.vboxnet6.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet6.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet6.mtu": "1500",
"net.ipv6.conf.vboxnet6.ndisc_notify": "0",
"net.ipv6.conf.vboxnet6.ndisc_tcclass": "0",
"net.ipv6.conf.vboxnet6.proxy_ndp": "0",
"net.ipv6.conf.vboxnet6.regen_max_retry": "3",
"net.ipv6.conf.vboxnet6.router_probe_interval": "60",
"net.ipv6.conf.vboxnet6.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet6.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet6.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet6.router_solicitations": "-1",
"net.ipv6.conf.vboxnet6.seg6_enabled": "0",
"net.ipv6.conf.vboxnet6.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet6.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet6.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet6.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet6.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet6.use_tempaddr": "2",
"net.ipv6.conf.vboxnet7.accept_dad": "1",
"net.ipv6.conf.vboxnet7.accept_ra": "1",
"net.ipv6.conf.vboxnet7.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet7.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet7.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet7.accept_ra_mtu": "1",

"net.ipv6.conf.vboxnet7.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet7.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet7.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet7.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet7.accept_redirects": "1",
"net.ipv6.conf.vboxnet7.accept_source_route": "0",
"net.ipv6.conf.vboxnet7.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet7.autoconf": "1",
"net.ipv6.conf.vboxnet7.dad_transmits": "1",
"net.ipv6.conf.vboxnet7.disable_ipv6": "0",
"net.ipv6.conf.vboxnet7.disable_policy": "0",
"net.ipv6.conf.vboxnet7.drop_unicast_in_l2_multicast": "0",
"net.ipv6.conf.vboxnet7.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet7.enhanced_dad": "1",
"net.ipv6.conf.vboxnet7.force_mld_version": "0",
"net.ipv6.conf.vboxnet7.force_tllao": "0",
"net.ipv6.conf.vboxnet7.forwarding": "0",
"net.ipv6.conf.vboxnet7.hop_limit": "64",
"net.ipv6.conf.vboxnet7.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet7.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet7.max_addresses": "16",
"net.ipv6.conf.vboxnet7.max_desync_factor": "600",
"net.ipv6.conf.vboxnet7.mc_forwarding": "0",
"net.ipv6.conf.vboxnet7.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet7.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet7.mtu": "1500",
"net.ipv6.conf.vboxnet7.ndisc_notify": "0",
"net.ipv6.conf.vboxnet7.ndisc_tcclass": "0",
"net.ipv6.conf.vboxnet7.proxy_ndp": "0",
"net.ipv6.conf.vboxnet7.regen_max_retry": "3",
"net.ipv6.conf.vboxnet7.router_probe_interval": "60",
"net.ipv6.conf.vboxnet7.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet7.router_solicitation_interval": "4",

"net.ipv6.conf.vboxnet7.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet7.router_solicitations": "-1",
"net.ipv6.conf.vboxnet7.seg6_enabled": "0",
"net.ipv6.conf.vboxnet7.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet7.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet7.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet7.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet7.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet7.use_tempaddr": "2",
"net.ipv6.conf.vboxnet8.accept_dad": "1",
"net.ipv6.conf.vboxnet8.accept_ra": "1",
"net.ipv6.conf.vboxnet8.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet8.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet8.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet8.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet8.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet8.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet8.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.vboxnet8.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet8.accept_redirects": "1",
"net.ipv6.conf.vboxnet8.accept_source_route": "0",
"net.ipv6.conf.vboxnet8.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet8.autoconf": "1",
"net.ipv6.conf.vboxnet8.dad_transmits": "1",
"net.ipv6.conf.vboxnet8.disable_ipv6": "0",
"net.ipv6.conf.vboxnet8.disable_policy": "0",
"net.ipv6.conf.vboxnet8.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet8.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet8.enhanced_dad": "1",
"net.ipv6.conf.vboxnet8.force_mld_version": "0",
"net.ipv6.conf.vboxnet8.force_tllao": "0",
"net.ipv6.conf.vboxnet8.forwarding": "0",
"net.ipv6.conf.vboxnet8.hop_limit": "64",

```
"net.ipv6.conf.vboxnet8.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet8.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet8.max_addresses": "16",
"net.ipv6.conf.vboxnet8.max_desync_factor": "600",
"net.ipv6.conf.vboxnet8.mc_forwarding": "0",
"net.ipv6.conf.vboxnet8.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet8.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet8.mtu": "1500",
"net.ipv6.conf.vboxnet8.ndisc_notify": "0",
"net.ipv6.conf.vboxnet8.ndisc_tclass": "0",
"net.ipv6.conf.vboxnet8.proxy_ndp": "0",
"net.ipv6.conf.vboxnet8.regen_max_retry": "3",
"net.ipv6.conf.vboxnet8.router_probe_interval": "60",
"net.ipv6.conf.vboxnet8.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet8.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet8.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet8.router_solicitations": "-1",
"net.ipv6.conf.vboxnet8.seg6_enabled": "0",
"net.ipv6.conf.vboxnet8.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet8.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet8.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet8.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet8.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet8.use_tempaddr": "2",
"net.ipv6.conf.vboxnet9.accept_dad": "1",
"net.ipv6.conf.vboxnet9.accept_ra": "1",
"net.ipv6.conf.vboxnet9.accept_ra_defrtr": "1",
"net.ipv6.conf.vboxnet9.accept_ra_from_local": "0",
"net.ipv6.conf.vboxnet9.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.vboxnet9.accept_ra_mtu": "1",
"net.ipv6.conf.vboxnet9.accept_ra_pinfo": "1",
"net.ipv6.conf.vboxnet9.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.vboxnet9.accept_ra_rt_info_min_plen": "0",
```

"net.ipv6.conf.vboxnet9.accept_ra_rtr_pref": "1",
"net.ipv6.conf.vboxnet9.accept_redirects": "1",
"net.ipv6.conf.vboxnet9.accept_source_route": "0",
"net.ipv6.conf.vboxnet9.addr_gen_mode": "0",
"net.ipv6.conf.vboxnet9.autoconf": "1",
"net.ipv6.conf.vboxnet9.dad_transmits": "1",
"net.ipv6.conf.vboxnet9.disable_ipv6": "0",
"net.ipv6.conf.vboxnet9.disable_policy": "0",
"net.ipv6.conf.vboxnet9.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.vboxnet9.drop_unsolicited_na": "0",
"net.ipv6.conf.vboxnet9.enhanced_dad": "1",
"net.ipv6.conf.vboxnet9.force_mld_version": "0",
"net.ipv6.conf.vboxnet9.force_tllao": "0",
"net.ipv6.conf.vboxnet9.forwarding": "0",
"net.ipv6.conf.vboxnet9.hop_limit": "64",
"net.ipv6.conf.vboxnet9.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.vboxnet9.keep_addr_on_down": "0",
"net.ipv6.conf.vboxnet9.max_addresses": "16",
"net.ipv6.conf.vboxnet9.max_desync_factor": "600",
"net.ipv6.conf.vboxnet9.mc_forwarding": "0",
"net.ipv6.conf.vboxnet9.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.vboxnet9.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.vboxnet9.mtu": "1500",
"net.ipv6.conf.vboxnet9.ndisc_notify": "0",
"net.ipv6.conf.vboxnet9.ndisc_tcclass": "0",
"net.ipv6.conf.vboxnet9.proxy_ndp": "0",
"net.ipv6.conf.vboxnet9.regen_max_retry": "3",
"net.ipv6.conf.vboxnet9.router_probe_interval": "60",
"net.ipv6.conf.vboxnet9.router_solicitation_delay": "1",
"net.ipv6.conf.vboxnet9.router_solicitation_interval": "4",
"net.ipv6.conf.vboxnet9.router_solicitation_max_interval": "3600",
"net.ipv6.conf.vboxnet9.router_solicitations": "-1",
"net.ipv6.conf.vboxnet9.seg6_enabled": "0",

```
"net.ipv6.conf.vboxnet9.seg6_require_hmac": "0",
"net.ipv6.conf.vboxnet9.suppress_frag_ndisc": "1",
"net.ipv6.conf.vboxnet9.temp_prefered_lft": "86400",
"net.ipv6.conf.vboxnet9.temp_valid_lft": "604800",
"net.ipv6.conf.vboxnet9.use_oif_addrs_only": "0",
"net.ipv6.conf.vboxnet9.use_tempaddr": "2",
"net.ipv6.conf.virbr0-nic.accept_dad": "1",
"net.ipv6.conf.virbr0-nic.accept_ra": "1",
"net.ipv6.conf.virbr0-nic.accept_ra_defrtr": "1",
"net.ipv6.conf.virbr0-nic.accept_ra_from_local": "0",
"net.ipv6.conf.virbr0-nic.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.virbr0-nic.accept_ra_mtu": "1",
"net.ipv6.conf.virbr0-nic.accept_ra_pinfo": "1",
"net.ipv6.conf.virbr0-nic.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.virbr0-nic.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.virbr0-nic.accept_ra_rtr_pref": "1",
"net.ipv6.conf.virbr0-nic.accept_redirects": "1",
"net.ipv6.conf.virbr0-nic.accept_source_route": "0",
"net.ipv6.conf.virbr0-nic.addr_gen_mode": "0",
"net.ipv6.conf.virbr0-nic.autoconf": "1",
"net.ipv6.conf.virbr0-nic.dad_transmits": "1",
"net.ipv6.conf.virbr0-nic.disable_ipv6": "0",
"net.ipv6.conf.virbr0-nic.disable_policy": "0",
"net.ipv6.conf.virbr0-nic.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.virbr0-nic.drop_unsolicited_na": "0",
"net.ipv6.conf.virbr0-nic.enhanced_dad": "1",
"net.ipv6.conf.virbr0-nic.force_mld_version": "0",
"net.ipv6.conf.virbr0-nic.force_tllao": "0",
"net.ipv6.conf.virbr0-nic.forwarding": "0",
"net.ipv6.conf.virbr0-nic.hop_limit": "64",
"net.ipv6.conf.virbr0-nic.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.virbr0-nic.keep_addr_on_down": "0",
"net.ipv6.conf.virbr0-nic.max_addresses": "16",
```

```
"net.ipv6.conf.virbr0-nic.max_desync_factor": "600",
"net.ipv6.conf.virbr0-nic.mc_forwarding": "0",
"net.ipv6.conf.virbr0-nic.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.virbr0-nic.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.virbr0-nic.mtu": "1500",
"net.ipv6.conf.virbr0-nic.ndisc_notify": "0",
"net.ipv6.conf.virbr0-nic.ndisc_tclass": "0",
"net.ipv6.conf.virbr0-nic.proxy_ndp": "0",
"net.ipv6.conf.virbr0-nic.regen_max_retry": "3",
"net.ipv6.conf.virbr0-nic.router_probe_interval": "60",
"net.ipv6.conf.virbr0-nic.router_solicitation_delay": "1",
"net.ipv6.conf.virbr0-nic.router_solicitation_interval": "4",
"net.ipv6.conf.virbr0-nic.router_solicitation_max_interval": "3600",
"net.ipv6.conf.virbr0-nic.router_solicitations": "-1",
"net.ipv6.conf.virbr0-nic.seg6_enabled": "0",
"net.ipv6.conf.virbr0-nic.seg6_require_hmac": "0",
"net.ipv6.conf.virbr0-nic.suppress_frag_ndisc": "1",
"net.ipv6.conf.virbr0-nic.temp_prefered_lft": "86400",
"net.ipv6.conf.virbr0-nic.temp_valid_lft": "604800",
"net.ipv6.conf.virbr0-nic.use_oif_addrs_only": "0",
"net.ipv6.conf.virbr0-nic.use_tempaddr": "2",
"net.ipv6.conf.virbr0.accept_dad": "1",
"net.ipv6.conf.virbr0.accept_ra": "0",
"net.ipv6.conf.virbr0.accept_ra_defrtr": "1",
"net.ipv6.conf.virbr0.accept_ra_from_local": "0",
"net.ipv6.conf.virbr0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.virbr0.accept_ra_mtu": "1",
"net.ipv6.conf.virbr0.accept_ra_pinfo": "1",
"net.ipv6.conf.virbr0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.virbr0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.virbr0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.virbr0.accept_redirects": "1",
"net.ipv6.conf.virbr0.accept_source_route": "0",
```

"net.ipv6.conf.virbr0.addr_gen_mode": "0",
"net.ipv6.conf.virbr0.autoconf": "0",
"net.ipv6.conf.virbr0.dad_transmits": "1",
"net.ipv6.conf.virbr0.disable_ipv6": "1",
"net.ipv6.conf.virbr0.disable_policy": "0",
"net.ipv6.conf.virbr0.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.virbr0.drop_unsolicited_na": "0",
"net.ipv6.conf.virbr0.enhanced_dad": "1",
"net.ipv6.conf.virbr0.force_mld_version": "0",
"net.ipv6.conf.virbr0.force_tllao": "0",
"net.ipv6.conf.virbr0.forwarding": "0",
"net.ipv6.conf.virbr0.hop_limit": "64",
"net.ipv6.conf.virbr0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.virbr0.keep_addr_on_down": "0",
"net.ipv6.conf.virbr0.max_addresses": "16",
"net.ipv6.conf.virbr0.max_desync_factor": "600",
"net.ipv6.conf.virbr0.mc_forwarding": "0",
"net.ipv6.conf.virbr0.mldv1_unsolicited_report_interval": "10000",
"net.ipv6.conf.virbr0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.virbr0.mtu": "1500",
"net.ipv6.conf.virbr0.ndisc_notify": "0",
"net.ipv6.conf.virbr0.ndisc_tclass": "0",
"net.ipv6.conf.virbr0.proxy_ndp": "0",
"net.ipv6.conf.virbr0.regen_max_retry": "3",
"net.ipv6.conf.virbr0.router_probe_interval": "60",
"net.ipv6.conf.virbr0.router_solicitation_delay": "1",
"net.ipv6.conf.virbr0.router_solicitation_interval": "4",
"net.ipv6.conf.virbr0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.virbr0.router_solicitations": "-1",
"net.ipv6.conf.virbr0.seg6_enabled": "0",
"net.ipv6.conf.virbr0.seg6_require_hmac": "0",
"net.ipv6.conf.virbr0.suppress_frag_ndisc": "1",
"net.ipv6.conf.virbr0.temp_preferred_lft": "86400",

"net.ipv6.conf.virbr0.temp_valid_lft": "604800",
"net.ipv6.conf.virbr0.use_oif_addrs_only": "0",
"net.ipv6.conf.virbr0.use_tempaddr": "2",
"net.ipv6.conf.wlan0.accept_dad": "1",
"net.ipv6.conf.wlan0.accept_ra": "0",
"net.ipv6.conf.wlan0.accept_ra_defrtr": "1",
"net.ipv6.conf.wlan0.accept_ra_from_local": "0",
"net.ipv6.conf.wlan0.accept_ra_min_hop_limit": "1",
"net.ipv6.conf.wlan0.accept_ra_mtu": "1",
"net.ipv6.conf.wlan0.accept_ra_pinfo": "1",
"net.ipv6.conf.wlan0.accept_ra_rt_info_max_plen": "0",
"net.ipv6.conf.wlan0.accept_ra_rt_info_min_plen": "0",
"net.ipv6.conf.wlan0.accept_ra_rtr_pref": "1",
"net.ipv6.conf.wlan0.accept_redirects": "1",
"net.ipv6.conf.wlan0.accept_source_route": "0",
"net.ipv6.conf.wlan0.addr_gen_mode": "1",
"net.ipv6.conf.wlan0.autoconf": "1",
"net.ipv6.conf.wlan0.dad_transmits": "1",
"net.ipv6.conf.wlan0.disable_ipv6": "0",
"net.ipv6.conf.wlan0.disable_policy": "0",
"net.ipv6.conf.wlan0.drop_unicast_in_12_multicast": "0",
"net.ipv6.conf.wlan0.drop_unsolicited_na": "0",
"net.ipv6.conf.wlan0.enhanced_dad": "1",
"net.ipv6.conf.wlan0.force_mld_version": "0",
"net.ipv6.conf.wlan0.force_tllao": "0",
"net.ipv6.conf.wlan0.forwarding": "0",
"net.ipv6.conf.wlan0.hop_limit": "64",
"net.ipv6.conf.wlan0.ignore_routes_with_linkdown": "0",
"net.ipv6.conf.wlan0.keep_addr_on_down": "0",
"net.ipv6.conf.wlan0.max_addresses": "16",
"net.ipv6.conf.wlan0.max_desync_factor": "600",
"net.ipv6.conf.wlan0.mc_forwarding": "0",
"net.ipv6.conf.wlan0.mldv1_unsolicited_report_interval": "10000",

"net.ipv6.conf.wlan0.mldv2_unsolicited_report_interval": "1000",
"net.ipv6.conf.wlan0.mtu": "1500",
"net.ipv6.conf.wlan0.ndisc_notify": "0",
"net.ipv6.conf.wlan0.ndisc_tclass": "0",
"net.ipv6.conf.wlan0.proxy_ndp": "0",
"net.ipv6.conf.wlan0.regen_max_retry": "3",
"net.ipv6.conf.wlan0.router_probe_interval": "60",
"net.ipv6.conf.wlan0.router_solicitation_delay": "1",
"net.ipv6.conf.wlan0.router_solicitation_interval": "4",
"net.ipv6.conf.wlan0.router_solicitation_max_interval": "3600",
"net.ipv6.conf.wlan0.router_solicitations": "-1",
"net.ipv6.conf.wlan0.seg6_enabled": "0",
"net.ipv6.conf.wlan0.seg6_require_hmac": "0",
"net.ipv6.conf.wlan0.suppress_frag_ndisc": "1",
"net.ipv6.conf.wlan0.temp_prefered_lft": "86400",
"net.ipv6.conf.wlan0.temp_valid_lft": "604800",
"net.ipv6.conf.wlan0.use_oif_addrs_only": "0",
"net.ipv6.conf.wlan0.use_tempaddr": "2",
"net.ipv6.fib_multipath_hash_policy": "0",
"net.ipv6.flowlabel_consistency": "1",
"net.ipv6.flowlabel_reflect": "0",
"net.ipv6.flowlabel_state_ranges": "0",
"net.ipv6.fwmark_reflect": "0",
"net.ipv6.icmp.echo_ignore_all": "0",
"net.ipv6.icmp.echo_ignore_anycast": "0",
"net.ipv6.icmp.echo_ignore_multicast": "0",
"net.ipv6.icmp.ratelimit": "1000",
"net.ipv6.icmp.ratemask": "0-1,3-127",
"net.ipv6.idgen_delay": "1",
"net.ipv6.idgen_retries": "3",
"net.ipv6.ip6frag_high_thresh": "4194304",
"net.ipv6.ip6frag_low_thresh": "3145728",
"net.ipv6.ip6frag_secret_interval": "0",

```
"net.ipv6.ip6frag_time": "60",
"net.ipv6.ip_nonlocal_bind": "0",
"net.ipv6.max_dst_opts_length": "2147483647",
"net.ipv6.max_dst_opts_number": "8",
"net.ipv6.max_hbh_length": "2147483647",
"net.ipv6.max_hbh_opts_number": "8",
"net.ipv6.mld_max_msf": "64",
"net.ipv6.mld_qrv": "2",
"net.ipv6.neigh.default.anycast_delay": "100",
"net.ipv6.neigh.default.app_solicit": "0",
"net.ipv6.neigh.default.base_reachable_time": "30",
"net.ipv6.neigh.default.base_reachable_time_ms": "30000",
"net.ipv6.neigh.default.delay_first_probe_time": "5",
"net.ipv6.neigh.default.gc_interval": "30",
"net.ipv6.neigh.default.gc_stale_time": "60",
"net.ipv6.neigh.default.gc_thresh1": "128",
"net.ipv6.neigh.default.gc_thresh2": "512",
"net.ipv6.neigh.default.gc_thresh3": "1024",
"net.ipv6.neigh.default.locktime": "0",
"net.ipv6.neigh.default.mcast_resolicit": "0",
"net.ipv6.neigh.default.mcast_solicit": "3",
"net.ipv6.neigh.default.proxy_delay": "80",
"net.ipv6.neigh.default.proxy_qlen": "64",
"net.ipv6.neigh.default.retrans_time": "1000",
"net.ipv6.neigh.default.retrans_time_ms": "1000",
"net.ipv6.neigh.default.unicast_solicit": "3",
"net.ipv6.neigh.default.unres_qlen": "101",
"net.ipv6.neigh.default.unres_qlen_bytes": "212992",
"net.ipv6.neigh.docker0.anycast_delay": "100",
"net.ipv6.neigh.docker0.app_solicit": "0",
"net.ipv6.neigh.docker0.base_reachable_time": "30",
"net.ipv6.neigh.docker0.base_reachable_time_ms": "30000",
"net.ipv6.neigh.docker0.delay_first_probe_time": "5",
```

"net.ipv6.neigh.docker0.gc_stale_time": "60",
"net.ipv6.neigh.docker0.locktime": "0",
"net.ipv6.neigh.docker0.mcast_resolicit": "0",
"net.ipv6.neigh.docker0.mcast_solicit": "3",
"net.ipv6.neigh.docker0.proxy_delay": "80",
"net.ipv6.neigh.docker0.proxy_qlen": "64",
"net.ipv6.neigh.docker0.retrans_time": "1000",
"net.ipv6.neigh.docker0.retrans_time_ms": "1000",
"net.ipv6.neigh.docker0.unicast_solicit": "3",
"net.ipv6.neigh.docker0.unres_qlen": "101",
"net.ipv6.neigh.docker0.unres_qlen_bytes": "212992",
"net.ipv6.neigh.eth0.anycast_delay": "100",
"net.ipv6.neigh.eth0.app_solicit": "0",
"net.ipv6.neigh.eth0.base_reachable_time": "30",
"net.ipv6.neigh.eth0.base_reachable_time_ms": "30000",
"net.ipv6.neigh.eth0.delay_first_probe_time": "5",
"net.ipv6.neigh.eth0.gc_stale_time": "60",
"net.ipv6.neigh.eth0.locktime": "0",
"net.ipv6.neigh.eth0.mcast_resolicit": "0",
"net.ipv6.neigh.eth0.mcast_solicit": "3",
"net.ipv6.neigh.eth0.proxy_delay": "80",
"net.ipv6.neigh.eth0.proxy_qlen": "64",
"net.ipv6.neigh.eth0.retrans_time": "1000",
"net.ipv6.neigh.eth0.retrans_time_ms": "1000",
"net.ipv6.neigh.eth0.unicast_solicit": "3",
"net.ipv6.neigh.eth0.unres_qlen": "101",
"net.ipv6.neigh.eth0.unres_qlen_bytes": "212992",
"net.ipv6.neigh.lo.anycast_delay": "100",
"net.ipv6.neigh.lo.app_solicit": "0",
"net.ipv6.neigh.lo.base_reachable_time": "30",
"net.ipv6.neigh.lo.base_reachable_time_ms": "30000",
"net.ipv6.neigh.lo.delay_first_probe_time": "5",
"net.ipv6.neigh.lo.gc_stale_time": "60",

"net.ipv6.neigh.lo.locktime": "0",
"net.ipv6.neigh.lo.mcast_resolicit": "0",
"net.ipv6.neigh.lo.mcast_solicit": "3",
"net.ipv6.neigh.lo.proxy_delay": "80",
"net.ipv6.neigh.lo.proxy_qlen": "64",
"net.ipv6.neigh.lo.retrans_time": "1000",
"net.ipv6.neigh.lo.retrans_time_ms": "1000",
"net.ipv6.neigh.lo.unicast_solicit": "3",
"net.ipv6.neigh.lo.unres_qlen": "101",
"net.ipv6.neigh.lo.unres_qlen_bytes": "212992",
"net.ipv6.neigh.tun0.anycast_delay": "100",
"net.ipv6.neigh.tun0.app_solicit": "0",
"net.ipv6.neigh.tun0.base_reachable_time": "30",
"net.ipv6.neigh.tun0.base_reachable_time_ms": "30000",
"net.ipv6.neigh.tun0.delay_first_probe_time": "5",
"net.ipv6.neigh.tun0.gc_stale_time": "60",
"net.ipv6.neigh.tun0.locktime": "0",
"net.ipv6.neigh.tun0.mcast_resolicit": "0",
"net.ipv6.neigh.tun0.mcast_solicit": "3",
"net.ipv6.neigh.tun0.proxy_delay": "80",
"net.ipv6.neigh.tun0.proxy_qlen": "64",
"net.ipv6.neigh.tun0.retrans_time": "1000",
"net.ipv6.neigh.tun0.retrans_time_ms": "1000",
"net.ipv6.neigh.tun0.unicast_solicit": "3",
"net.ipv6.neigh.tun0.unres_qlen": "101",
"net.ipv6.neigh.tun0.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet0.anycast_delay": "100",
"net.ipv6.neigh.vboxnet0.app_solicit": "0",
"net.ipv6.neigh.vboxnet0.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet0.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet0.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet0.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet0.locktime": "0",

"net.ipv6.neigh.vboxnet0.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet0.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet0.proxy_delay": "80",
"net.ipv6.neigh.vboxnet0.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet0.retrans_time": "1000",
"net.ipv6.neigh.vboxnet0.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet0.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet0.unres_qlen": "101",
"net.ipv6.neigh.vboxnet0.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet1.anycast_delay": "100",
"net.ipv6.neigh.vboxnet1.app_solicit": "0",
"net.ipv6.neigh.vboxnet1.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet1.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet1.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet1.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet1.locktime": "0",
"net.ipv6.neigh.vboxnet1.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet1.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet1.proxy_delay": "80",
"net.ipv6.neigh.vboxnet1.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet1.retrans_time": "1000",
"net.ipv6.neigh.vboxnet1.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet1.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet1.unres_qlen": "101",
"net.ipv6.neigh.vboxnet1.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet10.anycast_delay": "100",
"net.ipv6.neigh.vboxnet10.app_solicit": "0",
"net.ipv6.neigh.vboxnet10.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet10.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet10.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet10.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet10.locktime": "0",
"net.ipv6.neigh.vboxnet10.mcast_resolicit": "0",

"net.ipv6.neigh.vboxnet10.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet10.proxy_delay": "80",
"net.ipv6.neigh.vboxnet10.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet10.retrans_time": "1000",
"net.ipv6.neigh.vboxnet10.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet10.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet10.unres_qlen": "101",
"net.ipv6.neigh.vboxnet10.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet11.anycast_delay": "100",
"net.ipv6.neigh.vboxnet11.app_solicit": "0",
"net.ipv6.neigh.vboxnet11.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet11.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet11.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet11.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet11.locktime": "0",
"net.ipv6.neigh.vboxnet11.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet11.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet11.proxy_delay": "80",
"net.ipv6.neigh.vboxnet11.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet11.retrans_time": "1000",
"net.ipv6.neigh.vboxnet11.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet11.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet11.unres_qlen": "101",
"net.ipv6.neigh.vboxnet11.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet12.anycast_delay": "100",
"net.ipv6.neigh.vboxnet12.app_solicit": "0",
"net.ipv6.neigh.vboxnet12.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet12.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet12.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet12.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet12.locktime": "0",
"net.ipv6.neigh.vboxnet12.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet12.mcast_solicit": "3",

"net.ipv6.neigh.vboxnet12.proxy_delay": "80",
"net.ipv6.neigh.vboxnet12.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet12.retrans_time": "1000",
"net.ipv6.neigh.vboxnet12.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet12.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet12.unres_qlen": "101",
"net.ipv6.neigh.vboxnet12.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet13.anycast_delay": "100",
"net.ipv6.neigh.vboxnet13.app_solicit": "0",
"net.ipv6.neigh.vboxnet13.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet13.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet13.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet13.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet13.locktime": "0",
"net.ipv6.neigh.vboxnet13.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet13.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet13.proxy_delay": "80",
"net.ipv6.neigh.vboxnet13.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet13.retrans_time": "1000",
"net.ipv6.neigh.vboxnet13.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet13.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet13.unres_qlen": "101",
"net.ipv6.neigh.vboxnet13.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet2.anycast_delay": "100",
"net.ipv6.neigh.vboxnet2.app_solicit": "0",
"net.ipv6.neigh.vboxnet2.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet2.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet2.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet2.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet2.locktime": "0",
"net.ipv6.neigh.vboxnet2.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet2.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet2.proxy_delay": "80",

"net.ipv6.neigh.vboxnet2.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet2.retrans_time": "1000",
"net.ipv6.neigh.vboxnet2.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet2.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet2.unres_qlen": "101",
"net.ipv6.neigh.vboxnet2.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet3.anycast_delay": "100",
"net.ipv6.neigh.vboxnet3.app_solicit": "0",
"net.ipv6.neigh.vboxnet3.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet3.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet3.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet3.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet3.locktime": "0",
"net.ipv6.neigh.vboxnet3.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet3.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet3.proxy_delay": "80",
"net.ipv6.neigh.vboxnet3.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet3.retrans_time": "1000",
"net.ipv6.neigh.vboxnet3.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet3.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet3.unres_qlen": "101",
"net.ipv6.neigh.vboxnet3.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet4.anycast_delay": "100",
"net.ipv6.neigh.vboxnet4.app_solicit": "0",
"net.ipv6.neigh.vboxnet4.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet4.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet4.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet4.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet4.locktime": "0",
"net.ipv6.neigh.vboxnet4.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet4.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet4.proxy_delay": "80",
"net.ipv6.neigh.vboxnet4.proxy_qlen": "64",

"net.ipv6.neigh.vboxnet4.retrans_time": "1000",
"net.ipv6.neigh.vboxnet4.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet4.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet4.unres_qlen": "101",
"net.ipv6.neigh.vboxnet4.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet5.anycast_delay": "100",
"net.ipv6.neigh.vboxnet5.app_solicit": "0",
"net.ipv6.neigh.vboxnet5.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet5.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet5.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet5.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet5.locktime": "0",
"net.ipv6.neigh.vboxnet5.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet5.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet5.proxy_delay": "80",
"net.ipv6.neigh.vboxnet5.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet5.retrans_time": "1000",
"net.ipv6.neigh.vboxnet5.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet5.unicast_solicit": "3",
"net.ipv6.neigh.vboxnet5.unres_qlen": "101",
"net.ipv6.neigh.vboxnet5.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet6.anycast_delay": "100",
"net.ipv6.neigh.vboxnet6.app_solicit": "0",
"net.ipv6.neigh.vboxnet6.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet6.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet6.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet6.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet6.locktime": "0",
"net.ipv6.neigh.vboxnet6.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet6.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet6.proxy_delay": "80",
"net.ipv6.neigh.vboxnet6.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet6.retrans_time": "1000",

"net.ipv6.neigh.vboxnet6.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet6.ucast_solicit": "3",
"net.ipv6.neigh.vboxnet6.unres_qlen": "101",
"net.ipv6.neigh.vboxnet6.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet7.anycast_delay": "100",
"net.ipv6.neigh.vboxnet7.app_solicit": "0",
"net.ipv6.neigh.vboxnet7.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet7.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet7.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet7.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet7.locktime": "0",
"net.ipv6.neigh.vboxnet7.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet7.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet7.proxy_delay": "80",
"net.ipv6.neigh.vboxnet7.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet7.retrans_time": "1000",
"net.ipv6.neigh.vboxnet7.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet7.ucast_solicit": "3",
"net.ipv6.neigh.vboxnet7.unres_qlen": "101",
"net.ipv6.neigh.vboxnet7.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet8.anycast_delay": "100",
"net.ipv6.neigh.vboxnet8.app_solicit": "0",
"net.ipv6.neigh.vboxnet8.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet8.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet8.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet8.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet8.locktime": "0",
"net.ipv6.neigh.vboxnet8.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet8.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet8.proxy_delay": "80",
"net.ipv6.neigh.vboxnet8.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet8.retrans_time": "1000",
"net.ipv6.neigh.vboxnet8.retrans_time_ms": "1000",

```
"net.ipv6.neigh.vboxnet8.ucast_solicit": "3",
"net.ipv6.neigh.vboxnet8.unres_qlen": "101",
"net.ipv6.neigh.vboxnet8.unres_qlen_bytes": "212992",
"net.ipv6.neigh.vboxnet9.anycast_delay": "100",
"net.ipv6.neigh.vboxnet9.app_solicit": "0",
"net.ipv6.neigh.vboxnet9.base_reachable_time": "30",
"net.ipv6.neigh.vboxnet9.base_reachable_time_ms": "30000",
"net.ipv6.neigh.vboxnet9.delay_first_probe_time": "5",
"net.ipv6.neigh.vboxnet9.gc_stale_time": "60",
"net.ipv6.neigh.vboxnet9.locktime": "0",
"net.ipv6.neigh.vboxnet9.mcast_resolicit": "0",
"net.ipv6.neigh.vboxnet9.mcast_solicit": "3",
"net.ipv6.neigh.vboxnet9.proxy_delay": "80",
"net.ipv6.neigh.vboxnet9.proxy_qlen": "64",
"net.ipv6.neigh.vboxnet9.retrans_time": "1000",
"net.ipv6.neigh.vboxnet9.retrans_time_ms": "1000",
"net.ipv6.neigh.vboxnet9.ucast_solicit": "3",
"net.ipv6.neigh.vboxnet9.unres_qlen": "101",
"net.ipv6.neigh.vboxnet9.unres_qlen_bytes": "212992",
"net.ipv6.neigh.virbr0-nic.anycast_delay": "100",
"net.ipv6.neigh.virbr0-nic.app_solicit": "0",
"net.ipv6.neigh.virbr0-nic.base_reachable_time": "30",
"net.ipv6.neigh.virbr0-nic.base_reachable_time_ms": "30000",
"net.ipv6.neigh.virbr0-nic.delay_first_probe_time": "5",
"net.ipv6.neigh.virbr0-nic.gc_stale_time": "60",
"net.ipv6.neigh.virbr0-nic.locktime": "0",
"net.ipv6.neigh.virbr0-nic.mcast_resolicit": "0",
"net.ipv6.neigh.virbr0-nic.mcast_solicit": "3",
"net.ipv6.neigh.virbr0-nic.proxy_delay": "80",
"net.ipv6.neigh.virbr0-nic.proxy_qlen": "64",
"net.ipv6.neigh.virbr0-nic.retrans_time": "1000",
"net.ipv6.neigh.virbr0-nic.retrans_time_ms": "1000",
"net.ipv6.neigh.virbr0-nic.ucast_solicit": "3",
```

"net.ipv6.neigh.virbr0.nic.unres_qlen": "101",
"net.ipv6.neigh.virbr0.nic.unres_qlen_bytes": "212992",
"net.ipv6.neigh.virbr0.anycast_delay": "100",
"net.ipv6.neigh.virbr0.app_solicit": "0",
"net.ipv6.neigh.virbr0.base_reachable_time": "30",
"net.ipv6.neigh.virbr0.base_reachable_time_ms": "30000",
"net.ipv6.neigh.virbr0.delay_first_probe_time": "5",
"net.ipv6.neigh.virbr0.gc_stale_time": "60",
"net.ipv6.neigh.virbr0.locktime": "0",
"net.ipv6.neigh.virbr0.mcast_resolicit": "0",
"net.ipv6.neigh.virbr0.mcast_solicit": "3",
"net.ipv6.neigh.virbr0.proxy_delay": "80",
"net.ipv6.neigh.virbr0.proxy_qlen": "64",
"net.ipv6.neigh.virbr0.retrans_time": "1000",
"net.ipv6.neigh.virbr0.retrans_time_ms": "1000",
"net.ipv6.neigh.virbr0.unicast_solicit": "3",
"net.ipv6.neigh.virbr0.unres_qlen": "101",
"net.ipv6.neigh.virbr0.unres_qlen_bytes": "212992",
"net.ipv6.neigh.wlan0.anycast_delay": "100",
"net.ipv6.neigh.wlan0.app_solicit": "0",
"net.ipv6.neigh.wlan0.base_reachable_time": "30",
"net.ipv6.neigh.wlan0.base_reachable_time_ms": "30000",
"net.ipv6.neigh.wlan0.delay_first_probe_time": "5",
"net.ipv6.neigh.wlan0.gc_stale_time": "60",
"net.ipv6.neigh.wlan0.locktime": "0",
"net.ipv6.neigh.wlan0.mcast_resolicit": "0",
"net.ipv6.neigh.wlan0.mcast_solicit": "3",
"net.ipv6.neigh.wlan0.proxy_delay": "80",
"net.ipv6.neigh.wlan0.proxy_qlen": "64",
"net.ipv6.neigh.wlan0.retrans_time": "1000",
"net.ipv6.neigh.wlan0.retrans_time_ms": "1000",
"net.ipv6.neigh.wlan0.unicast_solicit": "3",
"net.ipv6.neigh.wlan0.unres_qlen": "101",

```
"net.ipv6.neigh.wlan0.unres_qlen_bytes": "212992",
"net.ipv6.route.gc_elasticity": "9",
"net.ipv6.route.gc_interval": "30",
"net.ipv6.route.gc_min_interval": "0",
"net.ipv6.route.gc_min_interval_ms": "500",
"net.ipv6.route.gc_thresh": "1024",
"net.ipv6.route.gc_timeout": "60",
"net.ipv6.route.max_size": "4096",
"net.ipv6.route.min_adv_mss": "1220",
"net.ipv6.route.mtu_expires": "600",
"net.ipv6.route.skip_notify_on_dev_down": "0",
"net.ipv6.seg6_flowlabel": "0",
"net.ipv6.xfrm6_gc_thresh": "32768",
"net.netfilter.nf_conntrack_acct": "0",
"net.netfilter.nf_conntrack_buckets": "65536",
"net.netfilter.nf_conntrack_checksum": "1",
"net.netfilter.nf_conntrack_count": "224",
"net.netfilter.nf_conntrack_dccp_loose": "1",
"net.netfilter.nf_conntrack_dccp_timeout_closereq": "64",
"net.netfilter.nf_conntrack_dccp_timeout_closing": "64",
"net.netfilter.nf_conntrack_dccp_timeout_open": "43200",
"net.netfilter.nf_conntrack_dccp_timeout_partopen": "480",
"net.netfilter.nf_conntrack_dccp_timeout_request": "240",
"net.netfilter.nf_conntrack_dccp_timeout_respond": "480",
"net.netfilter.nf_conntrack_dccp_timeout_timewait": "240",
"net.netfilter.nf_conntrack_events": "1",
"net.netfilter.nf_conntrack_expect_max": "1024",
"net.netfilter.nf_conntrack_frag6_high_thresh": "4194304",
"net.netfilter.nf_conntrack_frag6_low_thresh": "3145728",
"net.netfilter.nf_conntrack_frag6_timeout": "60"
```

examples/sysctlvalue.cf

```
bundle agent example_sysctlvalue
{
  vars:
    "kernel_keys_gc_delay"
      string => sysctlvalue("kernel.keys.gc_delay");

  reports:
    "kernel.keys.gc_delay: ${kernel_keys_gc_delay}";
}
bundle agent __main__
{
  methods: "example_sysctlvalue";
}
```

```
R: kernel.keys.gc_delay: 300
```

examples/readenvfile.cf

```
bundle agent example_readenvfile
{
  vars:
    "_d" data => readenvfile("/etc/os-release");

  reports:
    "$(with)" with => string_mustache( "{{%top%}}", _d );
}
bundle agent __main__
{
```

```
    methods: "example_readenvfile";
}
```

```
R: {
  "BUG_REPORT_URL": "https://bugs.launchpad.net/ubuntu/",
  "HOME_URL": "https://www.ubuntu.com/",
  "ID": "ubuntu",
  "ID_LIKE": "debian",
  "NAME": "Ubuntu",
  "PRETTY_NAME": "Ubuntu 20.04.1 LTS",
  "PRIVACY_POLICY_URL": "https://www.ubuntu.com/legal/terms-and-policies/privacy-policy",
  "SUPPORT_URL": "https://help.ubuntu.com/",
  "UBUNTU_CODENAME": "focal",
  "VERSION": "20.04.1 LTS (Focal Fossa)",
  "VERSION_CODENAME": "focal",
  "VERSION_ID": "20.04"
}
```

IN 3.10

FUNCTIONS

- `getuserinfo()`
- `isipinsubnet()`
- `variablesmatching_as_data()`

examples/getuserinfo.cf

```
bundle agent example_getuserinfo
{
  vars:
    "_user_info" data => userinfo("root");
    "_user_info_str" string => format( "%S", _user_info);
  reports:
    "$(_user_info_str)";
}
bundle agent __main__
{
  methods: "example_getuserinfo";
}
```

```
R: {"description": "root", "gid": 0, "home_dir": "/root", "shell": "/bin/bash", "uid": 0}
```

examples/isipinsubnet.cf

```
bundle agent example_isipinsubnet
{
  classes:
    "192_168_0_1_in_192_168_0_0_24"
      expression => isipinsubnet( "192.168.0.0/24", "192.168.0.1" );
    "192_168_99_1_in_192_168_0_0_24"
      expression => isipinsubnet( "192.168.0.0/24", "192.168.99.1" );

  reports:
    192_168_0_1_in_192_168_0_0_24::
      "192.168.0.1 is in 192.168.0.0/24";
    !192_168_99_1_in_192_168_0_0_24::
      "192.168.99.1 not in 192.168.0.0/24";
}
bundle agent __main__
{
  methods: "example_isipinsubnet";
}
```

```
R: 192.168.0.1 is in 192.168.0.0/24
R: 192.168.99.1 not in 192.168.0.0/24
```

examples/variablesmatching_as_data.cf

```
bundle agent example_variablesmatching_as_data
{
  vars:
    "ports" data => variablesmatching_as_data(".*", "port" );
    "ports_str" string => format( "%S", ports );
  reports:
    "$(ports_str)";
}
bundle agent one
{
  vars:
    "the_port" string => "443", meta => { "port" };
}
bundle agent two
{
  vars:
    "my_port" string => "80", meta => { "port" };
}
bundle agent __main__
{
  methods: "example_variablesmatching_as_data";
}
```

```
R: {"default:one.the_port":"443", "default:two.my_port":"80"}
```

IN 3.9

FUNCTIONS

- callstack_callers()
- callstack_promisers()
- network_connections()
- findprocesses()
- processexists()
- regex_replace()

examples/regex_replace.cf

```
bundle agent example_regex_replace
{
  vars:
    "my_string"
      string => "Perl is the best config management tool";
  reports:
    "$(with)" with => regex_replace( $(my_string),
                                         "^\\w+", "CFEngine", "" );
}
bundle agent __main__
{
  methods: "example_regex_replace";
}
```

R: CFEngine is the best config management tool

examples/processexists.cf

```
bundle agent example_processexists
{
  reports:
    "Emacs is running" if => processexists( ".*emacs.*");
    "Emacs is NOT running" unless => processexists( ".*emacs.*");
}
bundle agent __main__
{
  methods: "example_processexists";
}
```

R: Emacs is running

examples/findprocesses.cf

```
bundle agent example_findprocesses
{
  vars:
    "_emacs_procs" data => findprocesses( ".*emacs.*" );
    "_i" slist => getindices( _emacs_procs );
  reports:
    "Emacs process: ${_emacs_procs[$(_i)][line]}";
}
bundle agent __main__
{
  methods: "example_findprocesses";
}
```

R: Emacs process: nickanderson	1064467	1064418	1064467	0.0
R: Emacs process: nickanderson	1064418	4439	4438	14.3
R: Emacs process: nickanderson	4593	4355	4355	0.2

examples/callstack_promisers.cf

```
bundle agent example_callstack_promisers
{
  methods:
    "Second promiser"
      usebundle => my_bundle;
}
bundle agent my_bundle
{
  vars:
    "Callers"
      slist => callstack_promisers();
  reports:
    "$(Callers)";
}
bundle agent __main__
{
  methods:
    "First promiser"
      usebundle => example_callstack_promisers;
}
```

R: First promiser

R: Second promiser

examples/network_connections.cf

```
bundle agent example_network_connections
{
  vars:
    "_network_connections"
      data => network_connections();
    "_network_connections_str"
      string => format( "%S", _network_connections );
  reports:
    "$(_network_connections[tcp][0][local][address]):$(_network_connections[tcp]
}

bundle agent __main__
{
  methods: "example_network_connections";
}
```

```
R: 127.0.0.1:17600 is connected to 0.0.0.0:0
```

IN 3.8

FUNCTIONS

- url_get()

examples/url_get.cf

```
bundle agent example_url_get
{
  vars:
    "_response"
      data => url_get( "https://jsonplaceholder.typicode.com/todos/1",
                         '{}');
    # Convert content string to data container
    "_content" data => "$(_response[content])";

    # JSON representation of data container
    "_str_content" string => format( "%S", _content );

  reports:
    "$(_str_content)";
}
bundle agent __main__
{
  methods: "example_url_get";
}
```

R: {"completed":false,"id":1,"title":"delectus aut autem","userId":1}

SPECIAL TOPICS

INTERNAL AGENT UPGRADE MECHANISM

- Place agent packages in
`/var/cfengine/master_software_updates/$(sysname)_$(version)`
- Define `trigger_upgrade` for set of hosts. Ref updateclasses:

```
"trigger_upgrade" or => { "host1", "host2", "redhat_5" };
```

DATA TRANSFORMATIONS

RE-PARENT A DATA STRUCTURE

With `mergedata()` it is possible to wrap data containers inside of a new JSON data structure in the current namespace.

For example, here we take an array of objects describing content for `pghba.conf` file and re-parent it under the `pghba` key in a new data-structure.

```
bundle agent main
{
  vars:
    "pghba_directives" data => '[
      {
        "type": "host",
        "database": "replication",
        "user": "all",
        "address": "secondary-replication",
        "method": "trust"
      }
    ]';
    "data" data => mergedata( '{ "pghba": pghba_directives }' );
```

```
reports:  
    "$($with)" with => string_mustache( "{{%-top-}}", data);  
}
```

```
R: {  
  "pghba": [  
    {  
      "address": "secondary-replication",  
      "database": "replication",  
      "method": "trust",  
      "type": "host",  
      "user": "all"  
    }  
  ]  
}
```

MERGING A RESULT FROM variablesmatching_as_data()

I see. So, we need to merge the variable values together.

```
bundle agent main
{
  vars:
    "va_active_opsview_scripts_new"
      data => variablesmatching_as_data(".*", "opsview_rules_scripts");

    "va_active_opsview_scripts_new_index"
      slist => sort( getindices(va_active_opsview_scripts_new), lex);

    # Make a new data container to hold the picked and merged content
    "merged" data => '[]';
    # Merge the existing merged data container with each one of the indices
    "merged" data => mergeddata( merged, "va_active_opsview_scripts_new[$(va_a

reports:
  "merged: $(with)"
    with => string.mustache( "{{%-top-}}", merged );
  "Rendered to desired format$(const.n)$(with)"
    with => string.mustache( "{{#-top-}}{{name}}={{rule}}$(const.n){{/-top-}}
}

bundle agent app_opsview_agent
{
  vars:
```

```
"va_opsview_rules_scripts_array_app_opsview_agent_windows"
  meta => { "opsview_rules_scripts" },
  data => '[
{
  "name": "check_ntp_time",
  "rule": "scripts\\check_windows_time.bat $ARG1$ $ARG2$ $ARG3$",
  "type": "scripts"
},
{
  "name": "check_disk",
  "rule": "scripts\\diskspace_nrpe_nt.exe $ARG1$",
  "type": "scripts"
},
{
  "name": "check_shadowcopy_status",
  "rule": "cmd /c echo scripts\\check_cdphp_shadowcopy_status.ps1 $ARG1$; e
  "type": "scripts"
}
]';
"va_opsview_rules_scripts_array_app_vars_windows"
  meta => { "opsview_rules_scripts" },
  data => '[
{
  "name": "check_cory_test",
  "rule": "scripts\\check_cory_test.bat $ARG1$ $ARG2$ $ARG3$",
  "type": "scripts"
},
{
  "name": "check_theo_test",
  "rule": "scripts\\check_theo.exe $ARG1$",
  "type": "scripts"
}
]'
```

```
];
}

R: merged: [
{
  "name": "check_ntp_time",
  "rule": "scripts\\check_windows_time.bat $ARG1$ $ARG2$ $ARG3$",
  "type": "scripts"
},
{
  "name": "check_disk",
  "rule": "scripts\\diskspace_nrpe_nt.exe $ARG1$",
  "type": "scripts"
},
{
  "name": "check_shadowcopy_status",
  "rule": "cmd /c echo scripts\\check_cdphp_shadowcopy_status.ps1 $ARG1$; exit 0",
  "type": "scripts"
},
{
  "name": "check_cory_test",
  "rule": "scripts\\check_cory_test.bat $ARG1$ $ARG2$ $ARG3$",
  "type": "scripts"
},
{
  "name": "check_theo_test",
  "rule": "scripts\\check_theo.exe $ARG1$",
  "type": "scripts"
}
]
R: Rendered to desired format
check_ntp_time=scripts\check_windows_time.bat $ARG1$ $ARG2$ $ARG3$
check_disk=scripts\diskspace_nrpe_nt.exe $ARG1$
```

```
check_shadowcopy_status=cmd /c echo scripts\check_cdphp_shadowcopy_status.ps1 $  
check_cory_test=scripts\check_cory_test.bat $ARG1$ $ARG2$ $ARG3$  
check_theo_test=scripts\check_theo.exe $ARG1$
```

INHERITING CALLING BUNDLES CLASSES

examples/usebundle_inherit_context.cf

```
bundle agent parent
{
    classes:
        "parent_1" scope => "bundle";

    methods:
        "Inherit context"
            usebundle => child( "First"),
            inherit => "true";

        "No context inheritance"
            usebundle => child( "Second");
}

bundle agent child( id_string )
{
    reports:
        parent_1::
            "$(id_string) see class parent_1 defined";
        !parent_1::
            "$(id_string) see class parent_1 NOT defined";
}
bundle agent __main__ { methods: "parent"; }
```

R: First see class parent_1 defined
R: Second see class parent_1 NOT defined

BUNDLES CAN RETURN DATA

```
bundle agent parent
{
  methods:
    "Get data returned by bundle"
      usebundle => my_bundle,
      useresult => "my_returned_vars";
}

bundle agent my_bundle
{
  reports:
    "Hello world" bundle_return_value_index => "msg";
    "Something" bundle_return_value_index => "1";
}
bundle agent __main__ { methods: "parent"; }
```

Variable name

default:parent.my_returned_vars[1]
default:parent.my_returned_vars[msg]

Variable value

Something
Hello world

USEFUL TOOLS AND TIPS

SYNTAX CHECKING

Full Syntax Check

```
cf-promises --eval-functions=yes --full-check \  
-f ./examples/00-01-hello_world.cf
```

- Full check requires body common control (or bundle agent main). Typically this is only used when you run cf-promises against promises.cf, update.cf, or standalone_self_upgrade.cf

Partial Syntax Check

```
cf-promises -f ./examples/00-01-hello_world.cf
```

Build into your workflow!

- Editors
- vcs hooks
- build systems

noshell VS useshell FOR commands TYPE PROMISES, execresult(), AND returnszero()

- useshell allows you to use pipelines

```
bundle agent main
{
  vars:
    "result_with_shell"
      string => execresult( "/bin/echo 'Hello$(const.n) World' | grep Hello",
  reports:
    "$(result_with_shell)";
}
```

R: Hello

- `useshell` allows you to redirect output

```
bundle agent main
{
  classes:
    "successfully_executed"
      expression => returnszero( "/bin/echo 'Hello$(const.n) World' | grep -i
  reports:
    successfully_executed::
    "Successfully Executed";
    "Grep found:"
      printfile => cat( "$(this.promise_filename).out" );
}
```

```
R: Successfully Executed
R: Grep found:
R: World
```

- `useshell` allows you to use unqualified commands

```
bundle agent main
{
  vars:
    # Note that echo is not fully qualified. That's because it picked it up
    # from the shells PATH

    "result"
      string => execresult( "echo 'Hello World'", useshell);

  reports:
    "Result: $(result)";
}
```

```
R: Result: Hello World
```

cf-remote

- <https://cfengine.com/company/blog-detail/cf-remote/>
- <https://github.com/cfengine/core/tree/master/contrib/cf-remote>

Install and bootstrap remote hosts

```
cf-remote install --hub 34.252.28.73 --bootstrap 172.31.30.237
```

cf-locate

cf-locate

Command line tool to help locate and optionally display a body or bundle within a policy

DEBUG REPORTS

Use standardized DEBUG reports for policy development and troubleshooting.

```
bundle agent main
{
  reports:
    DEBUG|DEBUG_this_bundle_name:::
      "DEBUG $(this.bundle): ....";
    "DEBUG|DEBUG_$(this.bundle)"::
      "DEBUG $(this.bundle): ....";
}
```

PROMISE COMMENTS

Use promise comments to document **WHY** the promise is important.

```
bundle agent main
{
  services:
    "firewalld"
      policy => "start",
      comment => "If this service isn't running, then we have unnecessary
                  exposure and increase our risk of a security breach.";
}
```

GETTING THE MOST FROM THE DOCUMENTATION

jq

```
echo '{
  "data": [
    {
      "firstseen": "1578745699",
      "hostname": "host001.example.com",
      "id": "SHA=e01f65d069b9035c280ea0bdba6cf6e47863ac074a170addbad26e98cc8992",
      "ip": "192.0.2.2",
      "lastreport": "1582643957"
    },
    {
      "firstseen": "1578745692",
      "hostname": "hub.example.com",
      "id": "SHA=70138d580b9fd292ff856746df2fe7f9ded29db9ffca0c4d83acbbb97cde4d",
      "ip": "192.0.2.1",
      "lastreport": "1582643974"
    }
  ],
  "meta": {
    "count": 2,
    "page": 1,
    "timestamp": 1582644064,
    "total": 7
  }
}'
```

```
{
  "data": [
    {
```

```
"firstseen": "1578745699",
"hostname": "host001.example.com",
"id": "SHA=e01f65d069b9035c280ea0bdba6cf6e47863ac074a170addbad26e98cc8992",
"ip": "192.0.2.1",
"lastreport": "1582643957"
},
{
  "firstseen": "1578745692",
  "hostname": "hub.example.com",
  "id": "SHA=70138d580b9fd292ff856746df2fe7f9ded29db9ffca0c4d83acb97cde4d",
  "ip": "104.236.18.209",
  "lastreport": "1582643974"
}
],
"meta": {
  "count": 2,
  "page": 1,
  "timestamp": 1582644064,
  "total": 7
}
}
```

Extract a list of IPs from HOST API response

```
echo $INPUT | jq '.data | map(.ip) | join(",")'
```

```
192.0.2.2,192.0.2.1
```

cf-runagent

Run policy on all hosts reporting
not_rh_satellite_registered

```
cf-runagent --background=3 --remote-bundles satellite_registration \
-H $(curl -s -k --user $USER:$PASSWORD \
https://$HUB/api/host?count=2&context-include=not_rh_satellite_registered
jq '.data | map(.ip) | join(",")'|tr -d ''')
```

ADDITIONAL RESOURCES

Learning CFEngine

Widely considered best book to get a good grounding in CFEngine.

CFEngine Tutorial

Training material published by Aleksey Tsalolikhin from Vertical Sysadmin, one of our partners.

VSA Training Material

Self paced in depth tutorial based on Vertical Sysadmin training coursework

Example Policy Layout

An example policy layout

CFEngine Spacemacs Layer

The best editor is neither Emacs nor Vim, it's Emacs and Vim!

cf-locate

Find and optionally display body and bundle definitions within a policy set

Policy Style Guide

Write policy in a common style. Make it easier for others to quickly digest your policy.

cf-keycrypt

Tool to encrypt data with CFEngine public keys (in core as of 3.16.0)

- Allows to encrypt data for individual hosts using the public key
- Can be used with non host keys for "group" encryption

cf-profile

Displays execution time summary for cf-agent run to find time consuming policies

vim_cf3

CFEngine 3 vim plugin with Syntax highlighting

reindent.pl

Re-indent CFEngine policy using this script that leverages the excellent cfengine3 mode in Emacs

Sublime Text 3 CFEngine Beautifier

Automatically reformat CFEngine policy in Sublime Text

Sublime Text 3 Syntax Highlighter & Snippets

CFEngine Syntax highlighting and snippets for Sublime Text

cfe-rsplaytime

Compute splaytime for a given host

cfe-profiler

Measures bundle execution time helping to uncover the most time consuming bundles

Editor support for CFEngine

A list of editors with references for making working with cfengine syntax easier

CFEngine in a Day

Old, but still good 4 part video series ~ 5 hours of [Mark Burgess](#) (original author and founder) giving a one day training at [SurfSara](#)

CFEngine Tutorial

Training material published by Aleksey Tsalolikhin from Vertical Sysadmin, one of our partners.

General FAQs

Frequently asked questions

Hub Admin FAQ

Frequently asked questions about CFEEngine
Enterprise Hub administration

GIT PRIMER

GIT

Git is the most popular modern version control management tool. Github, Bitbucket, and GitLab all provide great hosted and on prem repository management solutions.

Using a git management system is recommended for implementing access controls and improved collaboration with regard to policy and systems management.

GETTING STARTED

Log into the policy server

```
[user@workstation] $ vagrant ssh hub  
[vagrant@hub] $ sudo -i
```

Configure git author

```
[root@hub masterfiles] # git config --global user.name "Mr. Slate"  
[root@hub masterfiles] # git config --global user.email "bossman@slateco.com"  
[root@hub masterfiles] # git config --global push.default simple
```

CLONE BUILTIN REPOSITORY

```
[root@hub masterfiles] # git clone /opt/cfengine/masterfiles.git /vagrant/masterfiles  
Cloning into '/vagrant/masterfiles'...
```

ADD A FILE TO THE REPOSITORY

```
[root@hub masterfiles] # cd /vagrant/masterfiles
[root@hub masterfiles] # ls
cfe_internal  Changelog  controls  def.cf  lessons  lib  libraries  promises.cf
[root@hub masterfiles] # echo hi > file
[root@hub masterfiles] # git status
# On branch master
# Untracked files:
#   (use "git add <file>..." to include in what will be committed)
#
#       file
nothing added to commit but untracked files present (use "git add" to track)
```

STAGE AND COMMIT THE CHANGES

```
[root@hub masterfiles] # git add file
[root@hub masterfiles] # git status
# On branch master
# Changes to be committed:
#   (use "git reset HEAD <file>..." to unstage)
#
#       new file:   file
#
# git commit -m "Testing git workflow"
[master c886caf] Testing git workflow
 0 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file
```

PUBLISH THE CHANGE

```
[root@hub masterfiles] # git status
# On branch master
# Your branch is ahead of 'origin/master' by 1 commit.
#
nothing to commit (working directory clean)
[root@hub masterfiles] # git push
Counting objects: 4, done.
Delta compression using up to 2 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 280 bytes, done.
Total 3 (delta 1), reused 0 (delta 0)
Unpacking objects: 100% (3/3), done.
To /opt/cfengine/masterfiles.git
  ee31801..94b8151  master -> master
# git status
# On branch master
nothing to commit (working directory clean)
```

MODIFY A FILE

```
[root@hub masterfiles] # echo HI >> file
[root@hub masterfiles] # git status
# On branch master
# Your branch is ahead of 'origin/master' by 1 commit.
#
# Changed but not updated:
#   (use "git add <file>..." to update what will be committed)
#   (use "git checkout -- <file>..." to discard changes in working directory)
#
#       modified:   file
#
no changes added to commit (use "git add" and/or "git commit -a")
```

DIFF TO VALIDATE DETAIL OF CONTENT CHANGE

```
[root@hub masterfiles] # git diff
diff --git a/file b/file
index 45b983b..313352b 100644
--- a/file
+++ b/file
@@ -1 +1,2 @@
 hi
+HI
```

STAGE AND COMMIT THE CHANGES

```
[root@hub masterfiles] # git add file
[root@hub masterfiles] # git status
# On branch master
# Your branch is ahead of 'origin/master' by 1 commit.
#
# Changes to be committed:
#   (use "git reset HEAD <file>..." to unstage)
#
#       modified:   file
#
# git commit -m "Modified file"
[master fd94885] Modified file
 1 files changed, 1 insertions(+), 0 deletions(-)
# git status
# On branch master
# Your branch is ahead of 'origin/master' by 1 commits.
#
nothing to commit (working directory clean)
```

PUBLISH THE CHANGE

```
[root@hub masterfiles] # git push
Counting objects: 7, done.
Delta compression using up to 2 threads.
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 493 bytes, done.
Total 5 (delta 2), reused 0 (delta 0)
Unpacking objects: 100% (5/5), done.
To /opt/cfengine/masterfiles.git
  c886caf..fd94885  master -> master
```

REMOVE A FILE

```
[root@hub masterfiles] # git rm file
# rm 'file'
[root@hub masterfiles] # git status
# On branch master
# Changes to be committed:
#   (use "git reset HEAD <file>..." to unstage)
#
#       deleted:    file
#
# git commit -m "Remove file"
[master 4c9d46d] Remove file
 1 files changed, 0 insertions(+), 3 deletions(-)
 delete mode 100644 file
```

PUBLISH THE CHANGE

```
[root@hub masterfiles] # git push
Counting objects: 3, done.
Delta compression using up to 2 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 230 bytes, done.
Total 2 (delta 1), reused 0 (delta 0)
Unpacking objects: 100% (2/2), done.
To /opt/cfengine/masterfiles.git
  92660a9..4c9d46d  master -> master
```

PLACE MASTERFILES INTO THE REPOSITORY

```
[root@hub masterfiles] # rsync -avz /var/cfengine/masterfiles/ .
[root@hub masterfiles] # git add -A
[root@hub masterfiles] # git commit -m "Seed repository with masterfiles"
[root@hub masterfiles] # git push
```

CONFIGURE MASTERFILES FOR GIT INTEGRATION

```
[root@hub masterfiles]# echo '{ "classes": { "cfengine_internal_masterfiles_upd": { "path": "/etc/puppetlabs/code/environments/production/manifests/masterfiles.cf" } } }' > def.json
[root@hub masterfiles]# git add def.json
[root@hub masterfiles]# git commit -m "Enable automatic masterfiles update from repository"
[master c206654] Enable automatic masterfiles update from repository
 1 file changed, 1 insertion(+)
 create mode 100644 def.json
[root@hub masterfiles]# git push
warning: push.default is unset; its implicit value is changing in
Git 2.0 from 'matching' to 'simple'. To squelch this message
and maintain the current behavior after the default changes, use:

  git config --global push.default matching
```

To squelch this message and adopt the new behavior now, use:

```
git config --global push.default simple
```

See 'git help config' and search for 'push.default' for further information.
(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode
'current' instead of 'simple' if you sometimes use older versions of Git)

Counting objects: 4, done.

Delta compression using up to 2 threads.

Compressing objects: 100% (3/3), done.

Writing objects: 100% (3/3), 370 bytes | 0 bytes/s, done.

Total 3 (delta 1), reused 0 (delta 0)

To /opt/cfengine/masterfiles.git
 a181449..c206654 master -> master

ACTIVATE CURRENT UPDATE POLICY WITH ENABLEMENT CLASS

```
[root@hub masterfiles]# cf-agent --no-lock \
--verbose \
--define cfengine_internal_masterfiles_update \
--file update.cf
```

VERIFY PRESENCE OF DEF.JSON

```
[root@hub masterfiles]# cat /var(cfengine/masterfiles/def.json
```

REVIEW

Now when the agent runs on hosts that define `policy_server` policy will be activated that keeps `/var/cfengine/masterfiles` up to date with what's in the repository as configured in mission portal (which by default is `/opt/cfengine/masterfiles.git`).

This means new policy will be distributed as you push it into the repository. Continuous delivery FTW!

GIT COMMAND REFERENCE

git status

git pull --rebase

git diff

git grep

git add

git log

git diff --
cached

git checkout -b
new_feature

git commit

git push origin <branch>

POP QUIZ

POP QUIZ

- Who was Mr. Slate?

POP QUIZ

- Who was Mr. Slate?
- How do you get an overview of the changes to your clone?

POP QUIZ

- Who was Mr. Slate?
- How do you get an overview of the changes to your clone?
 - How can you easily search a git repository?

WRAPPING UP

Please take a few moments to fill out this survey about
your experience:

<https://www.surveymonkey.com/r/CFEngine-Training>

CFEngine