



Quick answers to common problems

Magento 2 Cookbook

50 practical recipes that will help you realize the full potential of Magento to build a professional online store

Ray Bogman
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[PACKT] open source*
PUBLISHING

SSL Offloading with Varnish & Magento 2

Magento Imagine

Barcamp 2016

Creative Contributions by:



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- Trainer
- Performance nerd
- Security geek
- SEO freak



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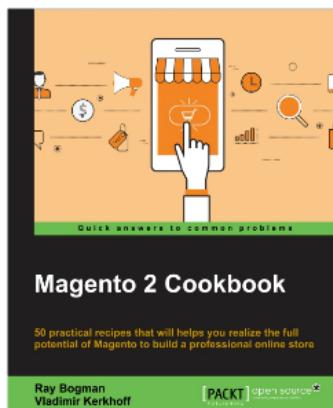


- | | |
|-----------------------------|------------|
| ✓ Performance optimalisatie | ✓ Upgrade |
| ✓ Theming, templating | ✓ Migratie |
| ✓ Maatwerk training | ✓ Security |
| ✓ SEO, SEM, SEA | ✓ Hosting |
| ✓ Consultancy | ✓ Mobile |
| ✓ Load testing | ✓ APK |

Magento Joomla!

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Google Webmaster Central Blog

Official news on crawling and indexing sites for the Google index

Indexing HTTPS pages by default

Thursday, December 17, 2015

At Google, user security has always been a top priority. Over the years, we've worked hard to promote a more secure web and to provide a better browsing experience for users. [Gmail](#), [Google search](#), and YouTube have had secure connections for some time, and we also started giving a slight [ranking boost to HTTPS URLs](#) in search results last year. Browsing the web should be a private experience between the user and the website, and must not be subject to [eavesdropping](#), [man-in-the-middle attacks](#), or data modification. This is why we've been strongly promoting [HTTPS everywhere](#).

Droplets

Img	Name	
● 	m2.jira.nl 2 GB Memory / 30 GB Disk / AMS2	
● 	varnish.jira.nl 512 MB Memory / 20 GB Disk / AMS2	
● 	haproxy.jira.nl 512 MB Memory / 20 GB Disk / AMS2	

```
frontend http-in
    bind 82.196.4.34:80
    bind 82.196.4.34:443 ssl crt /etc/ssl/private/jira.nl.pem
    mode http
    option httpclose
    option http-server-close
    option forwardfor
    default_backend servers

backend servers
    reqadd X-Forwarded-Proto:\ https
    mode http
    balance leastconn
    cookie SERVERID insert indirect nocache
    redirect scheme https if !{ ssl_fc }
    server server1 82.196.4.104:6083 check send-proxy-v2
    #server s1 82.196.5.10:80 check cookie s1 weight 1 maxqueue 25 rise 2 fall 1 maxconn 250

frontend http-in-proxy
    bind *:81
    default_backend servers-proxy

backend servers-proxy
    server server1-proxy 82.196.4.104:6083 send-proxy-v2
```

```
# edit that file.

# Should we start varnishd at boot? Set to "no" to disable.
START=yes

# Maximum number of open files (for ulimit -n)
NFILES=131072

# Maximum locked memory size (for ulimit -l)
# Used for locking the shared memory log in memory. If you increase log size,
# you need to increase this number as well
MEMLOCK=82000

DAEMON_OPTS="-a :6081 \
             -a :6083,PROXY \
             -T localhost:6082 \
             -f /etc/varnish/default.vcl \
             -S /etc/varnish/secret \
             -s malloc,256m"
```

```
root@varnish:~# varnishd -V
varnishd (varnish-4.1.1 revision 66bb824)
Copyright (c) 2006 Verdens Gang AS
Copyright (c) 2006-2015 Varnish Software AS
```

```
vcl 4.0;

backend default {
    .host = "82.196.5.10";
    .port = "80";
}

acl purge {
    "localhost";
}

sub vcl_recv {
    set req.http.x-clientip = client.ip;
    set req.http.x-serverip = server.ip;
    set req.http.x-localip = local.ip;
    set req.http.x-remoteip = remote.ip;
    return(pass);

    if (req.method == "PURGE") {
        if (client.ip !~ purge) {
            return (synth(405, "Method not allowed"));
        }
        if (!req.http.X-Magento-Tags-Pattern) {
            return (synth(400, "X-Magento-Tags-Pattern header required"));
        }
        ban("obj.http.X-Magento-Tags ~ " + req.http.X-Magento-Tags-Pattern);
        return (synth(200, "Purged"));
    }

    if (req.method != "GET" &&
        req.method != "HEAD" &&
        req.method != "PUT" &&
        req.method != "POST" &&
        req.method != "TRACE" &&
        req.method != "OPTIONS" &&
        req.method != "DELETE") {
        /* Non-RFC2616 or CONNECT which is weird. */
        return (pipe);
    }

    # We only deal with GET and HEAD by default
    if (req.method != "GET" && req.method != "HEAD") {
        return (pass);
    }
}
```

```
<VirtualHost *:80>
    ServerAdmin webmaster@localhost
    DocumentRoot /var/www/html/magento

    ErrorLog ${APACHE_LOG_DIR}/error.log
    CustomLog ${APACHE_LOG_DIR}/access.log combined

    <Directory /var/www/html/magento>
        AllowOverride All
        Require all granted
    </Directory>

    SetEnv MAGE_MODE production
    #SetEnvIf X-Forwarded-Proto https HTTPS=on
    SetEnvIf X-Forwarded-Proto "^(https)" HTTPS=on
</VirtualHost>
```

~
~
~

1,1

ⓘ Varnish Configuration

Access list

localhost

[GLOBAL]

IPs access list separated with '\\' that can purge Varnish configuration for config file generation. If field is empty default value localhost will be saved.

Backend host

82.196.4.104

[GLOBAL]

Specify backend host for config file generation. If field is empty default value localhost will be saved.

Backend port

6081

[GLOBAL]

Specify backend port for config file generation. If field is empty default value 8080 will be saved.

Export Configuration

Export VCL for Varnish 3

[GLOBAL]

Export VCL for Varnish 4

[GLOBAL]

```
<?php  
echo "Client IP: " . $_SERVER["HTTP_X_CLIENTIP"] . "<br />".PHP_EOL;  
echo "Server IP: " . $_SERVER["HTTP_X_SERVERIP"] . "<br />".PHP_EOL;  
echo "Local IP: " . $_SERVER["HTTP_X_LOCALIP"] . "<br />".PHP_EOL;  
echo "Remote IP: " . $_SERVER["HTTP_X_REMOTEIP"] . "<br />".PHP_EOL;  
echo "X-Forwarded-For: " . $_SERVER["HTTP_X_FORWARDED_FOR"] . "<br />".PHP_EOL;
```

"proxy nhn" 61 3550

Client IP: 72.213.70.220

Server IP: 82.196.4.34

Local IP: 82.196.4.104

Remote IP: 82.196.4.34

X-Forwarded-For: 72.213.70.220, 72.213.70.220

root@haproxy: ~ (ssh)

```
eth0      Link encap:Ethernet HWaddr 04:01:a9:f6:5d:01
          inet addr:82.196.4.34 Bcast:82.196.4.255 Mask:255.255.255.0
          inet6 addr: fe80::601:a9ff:fef6:5d01/64 Scope:Link
                  UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
                  RX packets:5391246 errors:0 dropped:0 overruns:0 frame:0
                  TX packets:9826673 errors:0 dropped:0 overruns:0 carrier:0
                  collisions:0 txqueuelen:1000
                  RX bytes:1589427933 (1.5 GB) TX bytes:1272796007 (1.2 GB)

lo        Link encap:Local Loopback
          inet addr:127.0.0.1 Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
```

root@varnish: ~ (ssh)

```
root@varnish:~# clear
root@varnish:~# ifconfig
eth0      Link encap:Ethernet HWaddr 04:01:a9:f6:72:01
          inet addr:82.196.4.104 Bcast:82.196.4.255 Mask:255.255.255.0
          inet6 addr: fe80::601:a9ff:fef6:7201/64 Scope:Link
                  UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
                  RX packets:9733681 errors:0 dropped:0 overruns:0 frame:0
                  TX packets:5058682 errors:0 dropped:0 overruns:0 carrier:0
                  collisions:0 txqueuelen:1000
                  RX bytes:1507332582 (1.5 GB) TX bytes:845144397 (845.1 MB)

lo        Link encap:Local Loopback
          inet addr:127.0.0.1 Mask:255.0.0.0
```

root@m2: ~ (ssh)

```
RX bytes:423202899 (423.2 MB) TX bytes:444151018 (444.1 MB)

eth1      Link encap:Ethernet HWaddr 04:01:a9:f7:90:02
          inet addr:10.129.6.117 Bcast:10.129.255.255 Mask:255.255.0.0
          inet6 addr: fe80::601:a9ff:fef7:9002/64 Scope:Link
                  UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
                  RX packets:18 errors:0 dropped:0 overruns:0 frame:0
                  TX packets:11 errors:0 dropped:0 overruns:0 carrier:0
                  collisions:0 txqueuelen:1000
                  RX bytes:1248 (1.2 KB) TX bytes:718 (718.0 B)
```