

Centos Apache Kurulumu

Apache açık kaynaklı ücretsiz web sunucu yazılımıdır. Detaylı bilgiye aşağıdan ulaşabilirsiniz.

<https://www.apache.org/>

Biz Centos 8 üzerine apache kurulumu yaparak örnek sitemizi yayınlayacağız. Putty ile sunucumuza bağlanıyoruz.

```
root@localhost:~  
login as: root  
root@192.168.1.107's password:  
Activate the web console with: systemctl enable --now cockpit.socket  
  
Last login: Sat Feb 26 11:26:09 2022  
[root@localhost ~]#
```

Giriş yaptıktan `yum -y update` komutunu çalıştırıyoruz. Bu komutu çalıştırdıktan sonra hata almanız durumunda aşağıdaki komutları uygulayınız.

* `dnf --disablerepo '*' --enablerepo=extras swap centos-linux-repos centos-stream-repos`

* `dnf distro-sync`

Komutu çalıştırdım ve güncelleme işlemi başladı.

```
root@localhost:~# yum -y update
CentOS Stream 8 - AppStream 1.4 MB/s | 20 MB 00:13
CentOS Stream 8 - BaseOS 1.8 MB/s | 19 MB 00:10
CentOS Stream 8 - Extras 24 kB/s | 18 kB 00:00
Dependencies resolved.

Package Architecture Version Repository Size
-----
Installing:
centos-stream-release noarch 8.6-1.el8 baseos 22 k
replacing centos-linux-release.noarch 9.4-1.2105.el8
kernel x86_64 4.18.0-365.el8 baseos 7.7 M
kernel-core x86_64 4.18.0-365.el8 baseos 39 M
kernel-modules x86_64 4.18.0-365.el8 baseos 31 M
Upgrading:
ModemManager x86_64 1.18.2-1.el8 baseos 1.1 M
ModemManager-glib x86_64 1.18.2-1.el8 baseos 304 k
NetworkManager x86_64 1.1.36.0-0.9.el8 baseos 2.3 M
NetworkManager-adsl x86_64 1.1.36.0-0.9.el8 baseos 148 k
NetworkManager-bluetooth x86_64 1.1.36.0-0.9.el8 baseos 174 k
NetworkManager-config-server noarch 1.1.36.0-0.9.el8 baseos 135 k
NetworkManager-libnm x86_64 1.1.36.0-0.9.el8 baseos 1.8 M
NetworkManager-team x86_64 1.1.36.0-0.9.el8 baseos 152 k
NetworkManager-tui x86_64 1.1.36.0-0.9.el8 baseos 345 k
NetworkManager-wifi x86_64 1.1.36.0-0.9.el8 baseos 193 k
NetworkManager-wwan x86_64 1.1.36.0-0.9.el8 baseos 180 k
accountsservice x86_64 0.6.55-3.el8 appstream 139 k
accountsservice-libs x86_64 0.6.55-3.el8 appstream 96 k
adcli x86_64 0.8.2-12.el8 baseos 118 k
adwaita-cursor-theme noarch 3.28.0-3.el8 appstream 647 k
adwaita-icon-theme noarch 3.28.0-3.el8 appstream 11 M
alsa-lib x86_64 1.2.6.1-3.el8 appstream 491 k
alsa-sof-firmware noarch 1.9.3-1.el8 baseos 780 k
alsa-ucm noarch 1.2.6.1-3.el8 appstream 94 k
alsa-utils x86_64 1.2.6-1.el8 appstream 1.1 M
anaconda-core x86_64 33.16.6.5-1.el8 appstream 2.4 M
anaconda-gui x86_64 33.16.6.5-1.el8 appstream 573 k
anaconda-tui x86_64 33.16.6.5-1.el8 appstream 288 k
anaconda-widgets x86_64 33.16.6.5-1.el8 appstream 223 k
aspell x86_64 12:0.60.6-1-22.el8 appstream 673 k
audit x86_64 3.0.7-1.el8 baseos 263 k
```

İşlem tamamlandıktan sonra `yum -y install httpd` komutunu çalıştırıyoruz.

```
root@localhost:~# yum -y install httpd
Last metadata expiration check: 0:15:38 ago on Sat 26 Feb 2022 12:00:17 PM EST.
Dependencies resolved.

Package Architecture Version Repository Size
-----
Installing:
httpd x86_64 2.4.37-43.module_el8.5.0+1022+b541f3b1 appstream 1.4 M
Installing dependencies:
apr x86_64 1.6.3-12.el8 appstream 129 k
apr-util x86_64 1.6.1-6.el8 appstream 105 k
centos-logos-httpd noarch 85.8-2.el8 appstream 75 k
httpd-filesystem noarch 2.4.37-43.module_el8.5.0+1022+b541f3b1 appstream 39 k
httpd-tools x86_64 2.4.37-43.module_el8.5.0+1022+b541f3b1 appstream 107 k
mod_http2 x86_64 1.15.7-3.module_el8.4.0+778+c970deab appstream 154 k
Installing weak dependencies:
apr-util-bdb x86_64 1.6.1-6.el8 appstream 25 k
apr-util-openssl x86_64 1.6.1-6.el8 appstream 27 k
Enabling module streams:
httpd 2.4

Transaction Summary

Install 9 Packages

Total download size: 2.1 M
Installed size: 5.6 M
Downloading Packages:
(1/9): apr-util-bdb-1.6.1-6.el8.x86_64.rpm 91 kB/s | 25 kB 00:00
(2/9): apr-util-openssl-1.6.1-6.el8.x86_64.rpm 151 kB/s | 27 kB 00:00
(3/9): apr-util-1.6.1-6.el8.x86_64.rpm 203 kB/s | 105 kB 00:00
(4/9): apr-1.6.3-12.el8.x86_64.rpm 246 kB/s | 129 kB 00:00
(5/9): centos-logos-httpd-85.8-2.el8.noarch.rpm 546 kB/s | 75 kB 00:00
(6/9): httpd-filesystem-2.4.37-43.module_el8.5.0+1022+b541f3b1.noarch.rpm 661 kB/s | 39 kB 00:00
(7/9): httpd-tools-2.4.37-43.module_el8.5.0+1022+b541f3b1.x86_64.rpm 412 kB/s | 107 kB 00:00
(8/9): mod_http2-1.15.7-3.module_el8.4.0+778+c970deab.x86_64.rpm 578 kB/s | 154 kB 00:00
(9/9): httpd-2.4.37-43.module_el8.5.0+1022+b541f3b1.x86_64.rpm 809 kB/s | 1.4 MB 00:01

Total 754 kB/s | 2.1 MB 00:02
Running transaction check
Transaction check succeeded.
Running transaction test
```

Aşağıdaki komutlar ile servisi başlatıyoruz. Sunucu yeniden başladığında otomatik olarak açılmasını sağlıyoruz.

```
systemctl start httpd
```

```
systemctl enable httpd
```

```
root@localhost:~# systemctl start httpd
root@localhost:~# systemctl enable httpd
Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service → /usr/lib/systemd/system/httpd.service.
```

Web servisimiz aktif olarak çalışmakta. Aşağıdaki komutlar ile FW üzerinden 80 ve 443 portlarına izin veriyoruz.

```
[root@localhost ~]# firewall-cmd --permanent --add-port=80/tcp
success
[root@localhost ~]# firewall-cmd --permanent --add-port=443/tcp
success
[root@localhost ~]#
```

Aşağıdaki komutlar ile servisleri start ve stop edebilirsiniz.

```
systemctl stop httpd
```

```
systemctl restart httpd
```

Sistem durumunu aşağıdaki komut ile görüntüleyebilirsiniz.

```
systemctl status httpd
```

```
root@localhost ~]# systemctl status httpd
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; vendor preset: disabled)
   Active: active (running) since Sat 2022-02-26 12:19:04 EST; 4min 45s ago
     Docs: man:httpd.service(8)
   Main PID: 108625 (httpd)
  Status: "Running, listening on: port 80"
    Tasks: 213 (limit: 11247)
   Memory: 16.8M
   CGroup: /system.slice/httpd.service
           └─108625 /usr/sbin/httpd -DFOREGROUND
             └─108626 /usr/sbin/httpd -DFOREGROUND
               └─108627 /usr/sbin/httpd -DFOREGROUND
                 └─108628 /usr/sbin/httpd -DFOREGROUND
                   └─108629 /usr/sbin/httpd -DFOREGROUND

Feb 26 12:19:04 localhost.localdomain systemd[1]: Starting The Apache HTTP Server...
Feb 26 12:19:04 localhost.localdomain httpd[108625]: AH00558: httpd: Could not reliably determine the server's fully qualified domain name, using localhost.localdomain
Feb 26 12:19:04 localhost.localdomain systemd[1]: Started The Apache HTTP Server.
Feb 26 12:19:04 localhost.localdomain httpd[108625]: Server configured, listening on: port 80
```

/etc/httpd/conf/httpd.conf dosyası içerisinde host ayarlamasını yapabilirsiniz.

Default olarak **/var/www/html** dizini site dosyalarınızı aktarabilirsiniz. Site dosyalarınızı bu dizin içerisine yükleyebilirsiniz. Sonrasında <http://serveripadresi> üzerinden sitenize erişim yapabilirsiniz.

İp adresini yazıyorum ve test sayfasının geldiğini görüyoruz.

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powered by +

192.168.1.107



HTTP SERVER TEST PAGE

This page is used to test the proper operation of the HTTP server after it has been installed. If you can read this page it means that this site is working properly. This server is powered by [CentOS](#).

If you are a member of the general public:

The website you just visited is either experiencing problems or is undergoing routine maintenance.

If you would like to let the administrators of this website know that you've seen this page instead of the page you expected, you should send them e-mail. In general, mail sent to the name "webmaster" and directed to the website's domain should reach the appropriate person.

For example, if you experienced problems while visiting [www.example.com](#), you should send e-mail to "webmaster@example.com".

If you are the website administrator:

You may now add content to the webroot directory. Note that until you do so, people visiting your website will see this page, and not your content.

For systems using the Apache HTTP Server: You may now add content to the directory `/var/www/html/`. Note that until you do so, people visiting your website will see this page, and not your content. To prevent this page from ever being used, follow the instructions in the file `/etc/httpd/conf.d/welcome.conf`.

For systems using NGINX: You should now put your content in a location of your choice and edit the `root` configuration directive in the `nginx` configuration file `/etc/nginx/nginx.conf`.



Şimdi sitemizi aktarım ve test edelim.



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Sitemizi aktardık ve sayfanın geldiğini görüyoruz. Faydalı olması dileğiyle....

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