



Service Sentinel

Yeni Nesil Linux Servis Yönetim Paneli

Hazırlayan: Senior Developer

Mevcut Sorun: Görünmezlik

Geleneksel sunucu yönetiminde, sistem yöneticileri genellikle "kör uçuş" yaparlar.

- ✓ Servislerin durumunu görmek için sürekli komut yazmak gereklidir (`systemctl status...`).
- ✓ Siyah ekranlar ve karmaşık log dosyaları hataları bulmayı zorlaştırır.
- ✓ Hangi servisin ne kadar RAM veya CPU tükettiğini anlık izlemek zordur.
- ✓ Hata durumunda anlık bildirim mekanizmaları eksiktir.

```
LINUX
ls listing
ll listing with hidden files
cd directory to dir
cd .. home
cd .. parent directory
cd .. create directory
cd .. delete file
cd .. delete directory
cd .. force remove file
cd .. remove directory
cd .. ke computer faster
cd .. 2 - copy file1 to file2
cd .. 2 - rename file1 to file2
ln - create symbolic link 'link' to file
cat or update file
cat place standard input into file
cat > place the contents of the file
cat > place the contents of the file
cat > place first 10 lines of file
cat > place last 10 lines of file
cat > - output contents of file as it grows
telnet connect to host as user
ser@host - connect using port p
ser@host - connect and use bind port
TAR
tar cf file.tar files - tar files into file.tar
tar xf file.tar - untar into current directory
tar tf file.tar - show contents of archive
GZIP
tar_flags:
  c - create archive      j - bzip2 compression
  t - table of contents   k - do not overwrite
  x - extract             T - files from file
  f - specifies filename  w - ask for confirmation
  z - use zip/gzip         v - verbose
gzip file - compress file and rename to file.gz
gzip -d file.gz - decompress file.gz
WGET
curl - get host
curl - get whois for domain
curl - get DNS for domain
curl - reverse lookup host
curl - download file
curl - continue stopped download
curl - recursively download files from url
WHOIS
curl - current date/time
curl - is month's calendar
curl - uptime
curl - who is online
curl - are you logged in as
curl - kernel config
curl - info - cpu info
curl - info - memory information
curl - show manual for command
curl - k usage
curl - ectorry space usage
curl - n readable size in GB
curl - emory and swap usage
curl - show possible locations of app
curl - how which app will be run by default
curl - i
curl - Files - search for pattern in files
curl - fn dir - search recursively for
curl - pattern in dir
curl - p pattern - search for pattern
curl - in the output of command
curl - find all instances of file

PROCESS MANAGEMENT
ps - display currently active processes
ps aux - ps with a lot of detail
kill pid - kill process with pid 'pid'
killall proc - kill all processes named proc
bg - lists stopped/background jobs, resume stopped job
in the background
fg - bring most recent job to foreground
fg n - brings job n to foreground

FILE PERMISSIONS
chmod octal file - change permission of file
        4 - read (r)
        2 - write (w)
        1 - execute (x)
order: owner/group/world
eg:
chmod 777 - rw for everyone
chmod 755 - rw for owner, rx for group/world

COMPRESSION
tar cf file.tar files - tar files into file.tar
tar xf file.tar - untar into current directory
tar tf file.tar - show contents of archive
tar_flags:
  c - create archive      j - bzip2 compression
  t - table of contents   k - do not overwrite
  x - extract             T - files from file
  f - specifies filename  w - ask for confirmation
  z - use zip/gzip         v - verbose
gzip file - compress file and rename to file.gz
gzip -d file.gz - decompress file.gz

SHORTCUTS
ctrl+c - halts current command
ctrl+z - stops current command
fg - resume stopped command in foreground
bg - resume stopped command in background
ctrl+d - log out of current session
ctrl+w - erases one word in current line
ctrl+u - erases whole line
ctrl+r - reverse lookup of previous commands
!! - repeat last command
exit - log out of current session
VIM
quitting
  :x - exit, saving changes
  :wq - exit, saving changes
  :q - exit, if no changes
  :q! - exit, ignore changes
inserting text
  i - insert before cursor
  I - insert before line
  a - append after cursor
  A - append after line
  o - open new line after cur line
  O - open new line before cur line
  r - replace one character
  R - replace many characters

motion
  h - move left
  j - move down
  k - move up
  l - move right
  w - move to next word
  W - move to next blank delimited word
  b - move to beginning of the word
  B - move to beginning of blank delimited word
  e - move to end of word
  E - move to end of blank delimited word
  { - move a sentence back
  ) - move a sentence forward
  { - move paragraph back
  } - move paragraph forward
  0 - move to beginning of line
  $ - move to end of line
  n - move to nth line of file
  N - move to nth line of file
  g - move to last line of file
  fc - move forward to 'c'
  Fc - move backward to 'c'
  H - move to top of screen
  M - move to middle of screen
  L - move to bottom of screen
  % - move to associated (), {}, []
deleting text
  x - delete character to the right
  X - delete character to the left
  D - delete to the end of line
  dd - delete current line
  :d - delete current line
searching
  /string - search forward for string
  ?string - search back for string
  n - search for next instance of string
  N - for for previous instance of string
replace
  :s/pattern/string/flags - replace pattern with
  string, according to Flags
  g - Flag, replace all occurrences
  c - Flag, confirm replaces
  & - repeat last :s command
files
  :w file - write to file
  :r file - read file in after line
  :n - go to next file
  :p - go to previous file
  :e file - edit file
  !!cmd - replace line with output of cmd
other
  u - undo last change
  U - undo all changes to line
```

Çözüm: Görsel Kontrol

Service Sentinel, karmaşık terminal komutlarını modern, web tabanlı bir arayüze dönüştürür.

Artık servisleri yönetmek için SSH bağlantısına gerek yok. Tek bir panelle tüm sistemin sağlığını izleyin ve yönetin.



Temel Yetenekler



Aktif İzleme

CPU, RAM kullanımı ve servislerin (Running/Failed) durumunu anlık olarak dashboard üzerinden takip edin.



Tam Kontrol

Servisleri tek tıkla Başlatın (Start), Durdurun (Stop) veya Yeniden Başlatın (Restart). Sudo komutlarına son.



Canlı Loglar

Bir servis hata verdiğinde, terminale girmeden son 50 satırlık log kayıtlarını modal pencerede anında inceleyin.

Teknik Mimari

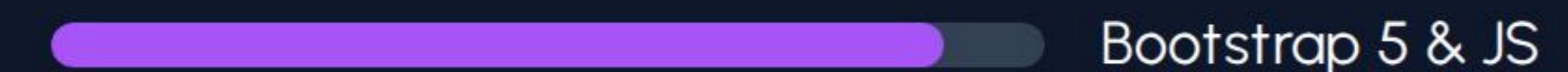


Proje, kararlılık ve performans için modern teknolojiler
üzerine inşa edilmiştir.

Backend



Frontend



Security



Operasyonel Verimlilik

%80

Daha Hızlı Müdahale

7/24

Kesintisiz İzleme

0

Komut Satırı İhtiyacı

Service Sentinel, özellikle acil durumlarda (servis çökmesi vb.) müdahale süresini
saniyeler seviyesine indirir.

Yol Haritası (Roadmap)

- ✓ **Kullanıcı Yetkilendirme:** Farklı kullanıcılar için Admin/Viewer rolleri.
- ✓ **Email/Slack Bildirimleri:** Servis çöktüğünde otomatik uyarı gönderme.
- ✓ **Geçmiş Veri Analizi:** CPU/RAM kullanımının grafiksel geçmişi.
- ✓ **Docker Entegrasyonu:** Konteynerlerin aynı panelden yönetimi.

Teşekkürler

Sorularınız?



admin@servicesentinel.com



github.com/servicesentinel

Image Sources



<https://external-preview.reddit.it/KmG5KwhdQN9aNZQxb2cHdwDKjRkOqlepsgOxK4C0Xk.png?auto=webp&s=7a604d5061c6e67b1ace70c2a1f8018252ca03f>

Source: www.reddit.com



<https://next.jqueryscript.net/wp-content/uploads/2025/12/glassmorphism-style-dashboard-template.webp>

Source: next.jqueryscript.net



<https://amlanscloud.com/static/e45b55503ff9b29df9c41ebb7cf301b4/1ca7d/appcomponents.png>

Source: amlanscloud.com