

Integration

- Agent: <https://github.com/sematext/sematext-agent-nginx>
- Instructions: <https://apps.sematext.com/ui/howto/Nginx-Plus/overview>

Metrics

Metric				
Name	Key	Agg	Type	Description
fails	nginxp	Sum	Health	The number of failed health checks
weight	nginxp	Avg	Double	Weight of the server
checks	nginxp	Sum	Health	The total number of health check requests made

Metric				
Name	Key	Agg	Type	Description
sent	nginxps	Sum	Long	transf. bytes
				The number of bytes sent to this server
unhealthy	nginxps	Agg	Double	unhealthy
				Server is unhealthy
2xx	nginxps	Sum	Long	responses.2xx
				The number of responses with status codes 2xx

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Metric				
Name	Key	Agg	Type	Description
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keepalive	ngxp	avg	Double	keepalive
				The current number of idle keepalive connections
1xx	ngxp	sum	Long	responses.1xx
				The number of responses with status codes 1xx
received	ngxp	sum	Long	traffic.bytes
				The number of bytes received from this server

Metric				
Name	Key	Agg	Type	Description
fails	nginxp	Sum	Long	fails fail
				The to- tal num- ber of un- suc- cess- ful at- tempts to com- mu- ni- cate with the server
last passed	nginxp	Arg	Double	passed
				passed: The time health check re- quest was suc- cess- ful and passed

Metric				
Name	Key	Agg	Type	Description
4xx	nginx_status	sum	long	nginx_status.4xx The number of responses with status codes 4xx
requests	nginx_status	sum	long	nginx_status.requests The number of client requests forwarded to this server
3xx	nginx_status	sum	long	nginx_status.3xx The number of responses with status codes 3xx

Metric				
Name	Key	Agg	Type	Description
5xx	nginxp5xx	Supstreq	Longest	5xx responses.5xx The number of responses with status codes 5xx
backup	nginxpbackup	Aggstreqlongest	Server backup	Server is backup server
total	nginxp	Supstreq	Longesttotal	total responses The total number of responses obtained from this server

Metric				
Name	Key	Agg	Type	Description
unavailable_inprogress_requests	unavailable_inprogress_requests	sum	long	How many times the server became unavailable for client requests (state "unavailable") due to the number of unsuccessful attempts reaching the max_fails threshold

Metric				
Name	Key	Agg	Type	Description
down_time	nginx_status	sum	Double	Time the server was in the "un-avail" and "un-healthy" states
unavailable	nginx_status	avg	Double	Server is unavailable
down	nginx_status	avg	Double	Server is down
up	nginx_status	avg	Double	Server is up



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Metric				
Name	Key	Agg	Type	Description
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unhealthy	nginxp	Sup	Boolean	Boolean
if the last health check request was successful and passed tests				
limit	nginxp	Max	Long	connections.max
active	nginxp	Agg	Double	connections.active
The current number of active connections				

Metric				
Name	Key	Agg	Type	Description
downstream_http_start	nginx_status	sum	long	The time (in milliseconds since Epoch) when the server became “un-avail” or “un-healthy”
active_connections	nginx_status	avg	float	The current number of active client connections

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Metric				
Name	Key	Agg	Type	Description
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requests	nginx	sum	Long	requests: The to- tal num- ber of client re- quests
accepted	nginx	sum	Long	connections.accepted: The to- tal num- ber of ac- cepted client con- nec- tions
dropped	nginx	sum	Long	connections.dropped: The to- tal num- ber of dropped client con- nec- tions

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Metric				
Name	Key	Agg	Type	Description
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currentnginxp	requests	Long	current	current:
				The
				cur-
				rent
				num-
				ber
				of
				client
				re-
				quests
idle	nginxp	connections	idle	idle:
				The
				cur-
				rent
				num-
				ber
				of
				idle
				client
				con-
				nec-
				tions
bytes	nginxp	cache.bytes	written	bytes.written
writ-				writ-
ten				ten:
				The
				to-
				tal
				num-
				ber
				of
				bytes
				writ-
				ten
				to
				the
				cache

Metric				
Name	Key	Agg	Type	Description
responses	ngx_http_cache	Sum	Long	The total number of responses read from the cache
size	ngx_http_cache	Avg	Long	The current size of the cache

Metric				
Name	Key	Agg	Type	Description
max size	nginxpl	Max	Long	max size: The limit on the the max-i-mum size of the cache spec-i-fied in the con-fig-ura-tion
responses writ-ten	nginxpl	Sum	Long	responses writ-ten: The to-tal num-ber of re-sponses writ-ten to the cache

Metric				
Name	Key	Agg	Type	Description
responses	nginx_cache	sum	long	The total number of responses not taken from the cache
bytes	nginx_cache	sum	long	The total number of bytes read from the cache

Metric				
Name	Key	Agg	Type	Description
bytes	nginxp	Sum	bytes	The total number of bytes read from the proxied server
responses	nginxp	Sum	responses	The total number of responses not taken from the cache



Metric				
Name	Key	Agg	Type	Description
bytes_written	nginxps.cache	sum	long	bytes written to the total number of bytes written to the cache
responses	nginxps.cache	sum	long	responses: The total number of responses read from the cache

Metric				
Name	Key	Agg	Type	Description
responses	ngx_http_cache	Sum	Integer	The total number of responses read from the cache
cold state	ngx_http_cache	Double	Float	The number of time cach in cold state
bytes	ngx_http_cache	Sum	Integer	The total number of bytes read from the cache

Metric				
Name	Key	Agg	Type	Description
bytes	nginxp	Sum	Cache	Load bytes
				The total number of bytes read from the cache
responses	nginxp	Sum	Cache	Miss responses
				The total number of responses not taken from the cache

Metric				
Name	Key	Agg	Type	Description
bytes_written	nginxp	Sum	Long	bytes written to the cache
responses_read	nginxp	Sum	Long	responses read from the cache

Metric				
Name	Key	Agg	Type	Description
bytes	nginx	sum	long	The total number of bytes read from the proxied server
bytes	nginx	sum	long	The total number of bytes read from the cache

Metric				
Name	Key	Agg	Type	Description
bytes_read	nginxproxy	sum	bytes	The total number of bytes read from the proxied server
responses_written	nginxproxy	sum	responses	The total number of responses written to the cache

Metric				
Name	Key	Agg	Type	Description
responses_written	nginx_httpd_response_cache	sum	long	The total number of responses written to the cache
total	nginx_httpd_response	sum	long	The total number of responses sent to clients

Metric				
Name	Key	Agg	Type	Description
3xx	nginxp	Some responses	3xx	The number of responses with status codes 3xx
requests	nginxp	Some requests	requests	The number of client requests received from clients
1xx	nginxp	Some responses	1xx	The number of responses with status codes 1xx



Metric				
Name	Key	Agg	Type	Description
processing	ngxp	Avg	Double	processing
				The number of client requests that are currently being processed
2xx	ngxp	Sum	Response	2xx
				The number of responses with status codes 2xx
received	ngxp	Sum	Traffic	received:
				The number of bytes received from clients

Metric				
Name	Key	Agg	Type	Description
5xx	nginxp5xx	Some.responses	5xx	The number of responses with status codes 5xx
sent	nginxpsent	Some.traffic	bytes	The number of bytes sent to clients
4xx	nginxp4xx	Some.responses	4xx	The number of responses with status codes 4xx