

Grafana Dashboard



Most significant Metrics:

Throughput:

node_network_receive_bytes_total: Total bytes received.

node_network_transmit_bytes_total: Total bytes transmitted.

Packet Metrics:

node_network_receive_packets_total: Total packets received.

node_network_transmit_packets_total: Total packets transmitted.

Error Metrics:

node_network_receive_errs_total: Total receive errors.

node_network_transmit_errs_total: Total transmit errors.

Drop Metrics:

node_network_receive_drop_total: Total received packets dropped.

node_network_transmit_drop_total: Total transmitted packets dropped.

Network Status Metrics:

node_network_up: Indicates if the network interface is up (1) or down (0).

node_nf_conntrack_entries: Number of entries in the conntrack table.

node_nf_conntrack_entries_limit: Size of the conntrack table.

Socket Statistics:

node_sockstat_sockets_used: Total number of sockets used.

node_sockstat_TCP_inuse: Number of TCP sockets in use.

node_sockstat_UDP_inuse: Number of UDP sockets in use.

TCP Connection States:

node_tcp_connection_states: Number of TCP connections in each state.

Metrics List:

a list of the Prometheus Node Exporter metric names used in grafana:

Network Traffic:

node_network_receive_packets_total

node_network_transmit_packets_total

node_network_receive_errs_total

node_network_transmit_errs_total

node_network_receive_drop_total

node_network_transmit_drop_total

node_network_receive_compressed_total

node_network_transmit_compressed_total

node_network_receive_multicast_total

node_network_receive_fifo_total

node_network_transmit_fifo_total

node_network_receive_frame_total

node_network_transmit_carrier_total

node_network_transmit_colls_total

node_nf_conntrack_entries

node_nf_conntrack_entries_limit

node_arp_entries

node_network_mtu_bytes

node_network_speed_bytes

node_network_transmit_queue_length

node_softnet_processed_total

node_softnet_dropped_total

node_softnet_times_squeezed_total

node_network_up

node_network_carrier

Network Sockstat:

node_sockstat_TCP_alloc
node_sockstat_TCP_inuse
node_sockstat_TCP_mem
node_sockstat_TCP_orphan
node_sockstat_TCP_tw
node_sockstat_UDPLITE_inuse
node_sockstat_UDP_inuse
node_sockstat_UDP_mem
node_sockstat_FRAG_inuse
node_sockstat_RAW_inuse
node_sockstat_TCP_mem_bytes
node_sockstat_UDP_mem_bytes
node_sockstat_FRAG_memory
node_sockstat_sockets_used

Network Netstat:

node_netstat_IpExt_InOctets
node_netstat_IpExt_OutOctets
node_netstat_Ip_Forwarding
node_netstat_Icmp_InMsgs
node_netstat_Icmp_OutMsgs
node_netstat_Icmp_InErrors
node_netstat_Udp_InDatagrams
node_netstat_Udp_OutDatagrams
node_netstat_Udp_InErrors
node_netstat_Udp_NoPorts
node_netstat_UdpLite_InErrors

node_netstat_Udp_RcvbufErrors
node_netstat_Udp_SndbufErrors
node_netstat_Tcp_InSegs
node_netstat_Tcp_OutSegs
node_netstat_TcpExt_ListenOverflows
node_netstat_TcpExt_ListenDrops
node_netstat_TcpExt_TCPSynRetrans
node_netstat_Tcp_RetransSegs
node_netstat_Tcp_InErrs
node_netstat_Tcp_OutRsts
node_netstat_Tcp_CurrEstab
node_netstat_Tcp_MaxConn
node_netstat_TcpExt_SyncookiesFailed
node_netstat_TcpExt_SyncookiesRecv
node_netstat_TcpExt_SyncookiesSent
node_netstat_Tcp_ActiveOpens
node_netstat_Tcp_PassiveOpens
node_tcp_connection_states

Node Exporter status:

node_scrape_collector_duration_seconds
node_scrape_collector_success
node_textfile_scrape_error

Other Basic Metrics (CPU/Memory/I/O):

node_pressure_cpu_waiting_seconds_total
node_pressure_memory_waiting_seconds_total
node_pressure_io_waiting_seconds_total

node_cpu_seconds_total
node_load1
node_memory_MemTotal_bytes
node_memory_MemFree_bytes
node_memory_MemAvailable_bytes
node_memory_SwapTotal_bytes
node_memory_SwapFree_bytes
node_filesystem_avail_bytes
node_filesystem_size_bytes
node_time_seconds
node_boot_time_seconds
node_disk_reads_completed_total
node_disk_writes_completed_total
node_disk_read_bytes_total
node_disk_written_bytes_total
node_disk_io_time_seconds_total
node_cpu_guest_seconds_total

[a list of the Prometheus SNMP Exporter metric names used in grafana:](#)

snmp_collection_duration_seconds_count
snmp_request_errors_total
snmp_collection_duration_seconds_sum
snmp_unexpected_pdu_type_total
snmp_exporter_build_info

[a list of the Prometheus BlackBox Exporter metric names used in grafana:](#)

blackbox_exporter_config_last_reload_successful
blackbox_exporter_build_info