bidirectional_bytes <= 135.5
gini = 0.905
samples = 6086
value = [585, 584, 568, 590, 564, 569, 589, 616, 6, 17, 639 599, 121, 22, 17]
class = PortScan
True
False
protocol <= 11.5
gini = 0.009
samples = 638
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 635, 0, 0, 0 0]
class = PortScan
dst2src_rst_packets <= 1.5
gini = 0.896
samples = 5448
value = [582, 584, 568, 590, 564, 569, 589, 616, 6, 17, 4 599, 121, 22, 17]
class = FTP-Patator
gini = 0.0
samples = 635
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 635, 0, 0, 0 0]
class = PortScan
gini = 0.0
samples = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
dst2src_last_seen_ms <= 509205805.5
gini = 0.884
samples = 4817
value = [573, 584, 568, 590, 558, 569, 589, 2, 6, 17, 4 597, 121, 22, 17]
class = SSH-Patator
dst2src_packets <= 12.5
gini = 0.053
samples = 631
value = [9, 0, 0, 0, 6, 0, 0, 614, 0, 0, 0, 2, 0, 0 0]
class = FTP-Patator
dst2src_psh_packets <= 13.5
gini = 0.868
samples = 4238
value = [562, 584, 0, 590, 558, 569, 589, 2, 6, 17, 4 597, 121, 22, 17]
class = SSH-Patator
bidirectional_max_ps <= 1870.0
gini = 0.037
samples = 579
value = [11, 0, 568, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = DDoS
dst2src_syn_packets <= 0.5
gini = 0.581
samples = 17
value = [9, 0, 0, 0, 6, 0, 0, 0, 0, 0, 0, 2, 0, 0 0]
class = BENIGN
gini = 0.0
samples = 614
value = [0, 0, 0, 0, 0, 0, 0, 614, 0, 0, 0, 0, 0, 0 0]
class = FTP-Patator
dst2src_mean_ps <= 749.8
gini = 0.843
samples = 3567
value = [555, 584, 0, 590, 558, 569, 589, 2, 0, 17, 4, 5 70, 22, 2]
class = DoS GoldenEye
src2dst_ack_packets <= 100.0
gini = 0.215
samples = 671
value = [7, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0, 592, 51, 0 15]
class = SSH-Patator
gini = -0.0
samples = 11
value = [11, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
gini = 0.0
samples = 568
value = [0, 0, 568, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = DDoS
gini = 0.0
samples = 9
value = [9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
dst2src_psh_packets <= 0.5
gini = 0.375
samples = 8
value = [0, 0, 0, 0, 6, 0, 0, 0, 0, 0, 0, 2, 0, 0 0]
class = DoS Hulk
bidirectional_last_seen_ms <= 458078769.5
gini = 0.779
samples = 2436
value = [540, 584, 0, 41, 3, 567, 589, 2, 0, 17, 4, 5 66, 18, 0]
class = DoS slowloris
dst2src_first_seen_ms <= 319937274.0
gini = 0.523
samples = 1131
value = [15, 0, 0, 549, 555, 2, 0, 0, 0, 0, 0, 0, 4 4, 2]
class = DoS Hulk
gini = -0.0
samples = 592
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 592, 0, 0 0]
class = SSH-Patator
bidirectional_mean_ps <= 554.725
gini = 0.534
samples = 79
value = [7, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0, 0, 51, 0 15]
class = Web Attack - Brute Force
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0 0]
class = SSH-Patator
gini = 0.0
samples = 6
value = [0, 0, 0, 0, 6, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = DoS Hulk
dst2src_first_seen_ms <= 316766852.5
gini = 0.716
samples = 1781
value = [473, 0, 0, 41, 3, 567, 589, 2, 0, 17, 0, 5, 66 18, 0]
class = DoS slowloris
dst2src_mean_ps <= 95.5
gini = 0.195
samples = 655
value = [67, 584, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0 0]
class = Bot
bidirectional_first_seen_ms <= 318374557.0
gini = 0.038
samples = 566
value = [7, 0, 0, 2, 555, 2, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = DoS Hulk
src2dst_last_seen_ms <= 320917155.0
gini = 0.062
samples = 565
value = [8, 0, 0, 547, 0, 0, 0, 0, 0, 0, 0, 0, 4, 4 2]
class = DoS GoldenEye
bidirectional_duration_ms <= 55267.0
gini = 0.073
samples = 53
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 51, 0 0]
class = Web Attack - Brute Force
src2dst_first_seen_ms <= 369611292.0
gini = 0.577
samples = 26
value = [5, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0, 0, 0, 0 15]
class = Web Attack - XSS
bidirectional_first_seen_ms <= 315270225.0
gini = 0.441
samples = 867
value = [271, 0, 0, 0, 0, 0, 589, 2, 0, 0, 0, 5, 0, 0 0]
class = DoS slowloris
src2dst_last_seen_ms <= 318134435.5
gini = 0.557
samples = 914
value = [202, 0, 0, 41, 3, 567, 0, 0, 0, 17, 0, 0, 66 18, 0]
class = DoS Slowhttptest
src2dst_last_seen_ms <= 497789069.5
gini = 0.036
samples = 595
value = [7, 584, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0 0]
class = Bot
gini = 0.0
samples = 60
value = [60, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
src2dst_psh_packets <= 2.0
gini = 0.346
samples = 9
value = [7, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
src2dst_max_ps <= 543.0
gini = 0.007
samples = 557
value = [0, 0, 0, 2, 555, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = DoS Hulk
gini = 0.0
samples = 547
value = [0, 0, 0, 547, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = DoS GoldenEye
dst2src_stddev_ps <= 1179.716
gini = 0.691
samples = 18
value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 4 2]
class = BENIGN
gini = -0.0
samples = 51
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 51, 0 0]
class = Web Attack - Brute Force
gini = 0.0
samples = 2
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
bidirectional_fin_packets <= 1.5
gini = 0.496
samples = 11
value = [5, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0, 0, 0, 0 0]
class = Heartbleed
gini = 0.0
samples = 15
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 15]
class = Web Attack - XSS
bidirectional_psh_packets <= 13.5
gini = 0.051
samples = 268
value = [261, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 5, 0, 0 0]
class = BENIGN
src2dst_psh_packets <= 0.5
gini = 0.033
samples = 599
value = [10, 0, 0, 0, 0, 0, 589, 0, 0, 0, 0, 0, 0, 0 0]
class = DoS slowloris
dst2src_psh_packets <= 1.5
gini = 0.011
samples = 565
value = [3, 0, 0, 0, 0, 562, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = DoS Slowhttptest
src2dst_mean_ps <= 138.933
gini = 0.613
samples = 349
value = [199, 0, 0, 41, 3, 5, 0, 0, 0, 17, 0, 0, 66 18, 0]
class = BENIGN
gini = 0.0
samples = 584
value = [0, 584, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = Bot
src2dst_last_seen_ms <= 505645772.5
gini = 0.463
samples = 11
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0 0]
class = BENIGN
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = DoS Slowhttptest
gini = 0.0
samples = 7
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
gini = -0.0
samples = 555
value = [0, 0, 0, 0, 555, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = DoS Hulk
gini = 0.0
samples = 2
value = [0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = DoS GoldenEye
dst2src_bytes <= 5289.0
gini = 0.198
samples = 9
value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 0]
class = BENIGN
src2dst_last_seen_ms <= 401670275.5
gini = 0.642
samples = 9
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 3 2]
class = Web Attack - Brute Force
gini = 0.0
samples = 6
value = [0, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0, 0, 0, 0 0]
class = Heartbleed
gini = 0.0
samples = 5
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
dst2src_mean_ps <= 68.333
gini = 0.03
samples = 263
value = [259, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0 0]
class = BENIGN
bidirectional_first_seen_ms <= 143200524.0
gini = 0.64
samples = 5
value = [2, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 1, 0, 0 0]
class = BENIGN
gini = 0.0
samples = 7
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
dst2src_ack_packets <= 5.5
gini = 0.01
samples = 592
value = [3, 0, 0, 0, 0, 0, 589, 0, 0, 0, 0, 0, 0, 0 0]
class = DoS slowloris
src2dst_psh_packets <= 0.5
gini = 0.004
samples = 563
value = [1, 0, 0, 0, 0, 562, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = DoS Slowhttptest
gini = 0.0
samples = 2
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
gini = -0.0
samples = 179
value = [179, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
bidirectional_mean_ps <= 167.775
gini = 0.736
samples = 170
value = [20, 0, 0, 41, 3, 5, 0, 0, 0, 17, 0, 0, 66 18, 0]
class = Web Attack - Brute Force
gini = 0.0
samples = 7
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0 0]
class = PortScan
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 0]
class = Web Attack - Sql Injection
gini = 0.0
samples = 8
value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0 0]
class = Web Attack - Brute Force
bidirectional_first_seen_ms <= 403348979.0
gini = 0.48
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3 2]
class = Web Attack - Sql Injection
bidirectional_first_seen_ms <= 243924801.0
gini = 0.469
samples = 8
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0 0]
class = BENIGN
src2dst_psh_packets <= 5.5
gini = 0.008
samples = 255
value = [254, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0 0]
class = BENIGN
gini = 0.0
samples = 2
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
bidirectional_stddev_piat_ms <= 592.488
gini = 0.444
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 1, 0, 0 0]
class = FTP-Patator
gini = -0.0
samples = 589
value = [0, 0, 0, 0, 0, 0, 589, 0, 0, 0, 0, 0, 0, 0 0]
class = DoS slowloris
gini = 0.0
samples = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
gini = 0.0
samples = 562
value = [0, 0, 0, 0, 0, 562, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = DoS Slowhttptest
bidirectional_last_seen_ms <= 403614148.5
gini = 0.221
samples = 75
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 66, 3 0]
class = Web Attack - Brute Force
src2dst_mean_piat_ms <= 0.154
gini = 0.71
samples = 95
value = [17, 0, 0, 41, 3, 5, 0, 0, 0, 14, 0, 0, 0, 15 0]
class = DoS GoldenEye
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 2]
class = Web Attack - XSS
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3 0]
class = Web Attack - Sql Injection
gini = -0.0
samples = 5
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0 0]
class = SSH-Patator
gini = 0.0
samples = 250
value = [250, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
dst2src_last_seen_ms <= 146187060.0
gini = 0.32
samples = 5
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0 0]
class = BENIGN
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0 0]
class = SSH-Patator
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0 0]
class = FTP-Patator
src2dst_duration_ms <= 12581.0
gini = 0.057
samples = 68
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 66, 0 0]
class = Web Attack - Brute Force
dst2src_ack_packets <= 2.5
gini = 0.612
samples = 7
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 3 0]
class = Infiltration
gini = -0.0
samples = 41
value = [0, 0, 0, 41, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = DoS GoldenEye
dst2src_mean_ps <= 68.608
gini = 0.79
samples = 54
value = [17, 0, 0, 0, 3, 5, 0, 0, 0, 14, 0, 0, 0, 15 0]
class = BENIGN
gini = 0.0
samples = 4
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0 0]
class = SSH-Patator
gini = -0.0
samples = 66
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 66, 0 0]
class = Web Attack - Brute Force
gini = 0.0
samples = 2
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0 0]
class = Infiltration
bidirectional_mean_piat_ms <= 500.6
gini = 0.375
samples = 4
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3 0]
class = Web Attack - Sql Injection
gini = 0.0
samples = 14
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 14, 0, 0, 0, 0 0]
class = Infiltration
dst2src_ack_packets <= 9.0
gini = 0.74
samples = 40
value = [17, 0, 0, 0, 3, 5, 0, 0, 0, 0, 0, 0, 0, 15 0]
class = BENIGN
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3 0]
class = Web Attack - Sql Injection
gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
bidirectional_fin_packets <= 3.0
gini = 0.805
samples = 20
value = [0, 0, 0, 0, 0, 5, 0, 0, 0, 0, 0, 0, 0, 15 0]
class = Web Attack - Sql Injection
src2dst_last_seen_ms <= 319538926.0
gini = 0.255
samples = 20
value = [17, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN
gini = 0.764
samples = 15
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 15 0]
class = Web Attack - Sql Injection
gini = 0.0
samples = 5
value = [0, 0, 0, 0, 0, 5, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = DoS Slowhttptest
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = DoS Hulk
gini = 0.0
samples = 17
value = [17, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = BENIGN