dst2src_first_seen_ms <= 509227153.0
gini = 0.906
samples = 6087
value = [583, 564, 581, 558, 628, 583, 578, 643, 11, 22
595, 574, 133, 11, 23]
class = FTP-Patator
True
False
dst2src_stddev_ps <= 934.366
gini = 0.896
samples = 5503
value = [580, 564, 0, 558, 628, 583, 578, 643, 11, 22, 595
574, 133, 11, 23]
class = FTP-Patator
src2dst_last_seen_ms <= 234359046.0
gini = 0.87
samples = 4331
value = [572, 564, 0, 33, 7, 582, 578, 643, 11, 22, 595
574, 129, 2, 19]
class = FTP-Patator
bidirectional_last_seen_ms <= 197066625.5
gini = 0.321
samples = 805
value = [162, 0, 0, 0, 0, 0, 0, 643, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
dst2src_rst_packets <= 0.5
gini = 0.044
samples = 134
value = [131, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_first_seen_ms <= 164702582.5
gini = 0.016
samples = 126
value = [125, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = -0.0
samples = 109
value = [109, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_fin_packets <= 0.5
gini = 0.111
samples = 17
value = [16, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 12
value = [12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_stddev_piat_ms <= 0.707
gini = 0.32
samples = 5
value = [4, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
gini = 0.0
samples = 4
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_last_seen_ms <= 196925737.0
gini = 0.375
samples = 8
value = [6, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 6
value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
bidirectional_psh_packets <= 0.5
gini = 0.088
samples = 671
value = [31, 0, 0, 0, 0, 0, 0, 640, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
gini = -0.0
samples = 25
value = [25, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_stddev_ps <= 20.153
gini = 0.018
samples = 646
value = [6, 0, 0, 0, 0, 0, 0, 640, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
gini = -0.0
samples = 640
value = [0, 0, 0, 0, 0, 0, 0, 640, 0, 0, 0, 0, 0, 0
0]
class = FTP-Patator
gini = 0.0
samples = 6
value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_first_seen_ms <= 248659519.0
gini = 0.85
samples = 3526
value = [410, 564, 0, 33, 7, 582, 578, 0, 11, 22, 595
574, 129, 2, 19]
class = PortScan
src2dst_psh_packets <= 0.5
gini = 0.106
samples = 606
value = [34, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 572, 0, 0
0]
class = SSH-Patator
gini = -0.0
samples = 33
value = [33, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_stddev_ps <= 477.302
gini = 0.003
samples = 573
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 572, 0, 0
0]
class = SSH-Patator
gini = 0.0
samples = 572
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 572, 0, 0
0]
class = SSH-Patator
gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_first_seen_ms <= 316775362.0
gini = 0.823
samples = 2920
value = [376, 564, 0, 33, 7, 582, 578, 0, 11, 22, 595, 2
129, 2, 19]
class = PortScan
bidirectional_psh_packets <= 0.5
gini = 0.121
samples = 618
value = [38, 0, 0, 0, 0, 0, 578, 0, 0, 0, 0, 2, 0, 0
0]
class = DoS slowloris
gini = -0.0
samples = 33
value = [33, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_psh_packets <= 0.5
gini = 0.024
samples = 585
value = [5, 0, 0, 0, 0, 0, 578, 0, 0, 0, 0, 2, 0, 0
0]
class = DoS slowloris
gini = 0.0
samples = 578
value = [0, 0, 0, 0, 0, 0, 578, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS slowloris
src2dst_max_ps <= 199.5
gini = 0.408
samples = 7
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 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
src2dst_psh_packets <= 9.0
gini = 0.278
samples = 6
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0
0]
class = BENIGN
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 = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0
0]
class = SSH-Patator
src2dst_first_seen_ms <= 318333813.5
gini = 0.784
samples = 2302
value = [338, 564, 0, 33, 7, 582, 0, 0, 11, 22, 595, 0
129, 2, 19]
class = PortScan
bidirectional_psh_packets <= 0.5
gini = 0.043
samples = 595
value = [13, 0, 0, 0, 0, 582, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
gini = 0.0
samples = 8
value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_mean_ps <= 30.0
gini = 0.017
samples = 587
value = [5, 0, 0, 0, 0, 582, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
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 = 582
value = [0, 0, 0, 0, 0, 582, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
src2dst_bytes <= 74.5
gini = 0.727
samples = 1707
value = [325, 564, 0, 33, 7, 0, 0, 0, 11, 22, 595, 0
129, 2, 19]
class = PortScan
bidirectional_syn_packets <= 0.5
gini = 0.195
samples = 668
value = [73, 0, 0, 0, 0, 0, 0, 0, 0, 0, 595, 0, 0, 0
0]
class = PortScan
bidirectional_max_ps <= 62.5
gini = 0.387
samples = 99
value = [73, 0, 0, 0, 0, 0, 0, 0, 0, 0, 26, 0, 0, 0
0]
class = BENIGN
src2dst_first_seen_ms <= 405021996.5
gini = 0.5
samples = 49
value = [24, 0, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 0
0]
class = PortScan
gini = 0.0
samples = 12
value = [12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_last_seen_ms <= 426031588.5
gini = 0.438
samples = 37
value = [12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 0
0]
class = PortScan
gini = -0.0
samples = 25
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 0
0]
class = PortScan
gini = 0.0
samples = 12
value = [12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
bidirectional_first_seen_ms <= 505589082.0
gini = 0.039
samples = 50
value = [49, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 47
value = [47, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_first_seen_ms <= 507377489.0
gini = 0.444
samples = 3
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0
0]
class = PortScan
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 = 569
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 569, 0, 0, 0
0]
class = PortScan
dst2src_first_seen_ms <= 487932254.0
gini = 0.631
samples = 1039
value = [252, 564, 0, 33, 7, 0, 0, 0, 11, 22, 0, 0, 129
2, 19]
class = Bot
src2dst_mean_ps <= 157.188
gini = 0.665
samples = 448
value = [225, 0, 0, 33, 7, 0, 0, 0, 11, 22, 0, 0, 129
2, 19]
class = BENIGN
src2dst_mean_ps <= 149.05
gini = 0.01
samples = 203
value = [202, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0
0]
class = BENIGN
gini = -0.0
samples = 200
value = [200, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_stddev_piat_ms <= 750.155
gini = 0.444
samples = 3
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 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
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0
0]
class = Web Attack - Brute Force
src2dst_mean_ps <= 282.723
gini = 0.685
samples = 245
value = [23, 0, 0, 33, 7, 0, 0, 0, 11, 22, 0, 0, 128
2, 19]
class = Web Attack - Brute Force
src2dst_last_seen_ms <= 370651315.5
gini = 0.235
samples = 147
value = [13, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 128, 2
0]
class = Web Attack - Brute Force
gini = 0.0
samples = 9
value = [9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_first_seen_ms <= 403451724.5
gini = 0.138
samples = 138
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 128, 2
0]
class = Web Attack - Brute Force
gini = 0.0
samples = 128
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 128, 0
0]
class = Web Attack - Brute Force
dst2src_packets <= 13.5
gini = 0.72
samples = 10
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0, 2
0]
class = BENIGN
bidirectional_stddev_piat_ms <= 1658.133
gini = 0.667
samples = 6
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2
0]
class = BENIGN
gini = 0.5
samples = 4
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2
0]
class = Web Attack - Sql Injection
gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0, 0
0]
class = Infiltration
dst2src_first_seen_ms <= 327750104.0
gini = 0.792
samples = 98
value = [10, 0, 0, 33, 7, 0, 0, 0, 11, 18, 0, 0, 0, 0
19]
class = DoS GoldenEye
src2dst_last_seen_ms <= 320068378.5
gini = 0.289
samples = 40
value = [0, 0, 0, 33, 7, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
gini = 0.0
samples = 7
value = [0, 0, 0, 0, 7, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
gini = 0.0
samples = 33
value = [0, 0, 0, 33, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
dst2src_mean_ps <= 1095.886
gini = 0.743
samples = 58
value = [10, 0, 0, 0, 0, 0, 0, 0, 11, 18, 0, 0, 0, 0
19]
class = Web Attack - XSS
src2dst_min_ps <= 63.0
gini = 0.669
samples = 39
value = [10, 0, 0, 0, 0, 0, 0, 0, 11, 18, 0, 0, 0, 0
0]
class = Infiltration
gini = 0.0
samples = 18
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 18, 0, 0, 0, 0
0]
class = Infiltration
src2dst_mean_ps <= 2624.808
gini = 0.594
samples = 21
value = [10, 0, 0, 0, 0, 0, 0, 0, 11, 0, 0, 0, 0, 0
0]
class = Heartbleed
gini = 0.42
samples = 10
value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 11
value = [0, 0, 0, 0, 0, 0, 0, 0, 11, 0, 0, 0, 0, 0
0]
class = Heartbleed
gini = 0.0
samples = 19
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
19]
class = Web Attack - XSS
src2dst_fin_packets <= 0.5
gini = 0.087
samples = 591
value = [27, 564, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
src2dst_packets <= 9.5
gini = 0.08
samples = 24
value = [23, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 23
value = [23, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
src2dst_stddev_piat_ms <= 512.721
gini = 0.014
samples = 567
value = [4, 563, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
gini = -0.0
samples = 563
value = [0, 563, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = Bot
gini = 0.0
samples = 4
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
dst2src_max_piat_ms <= 1870.5
gini = 0.518
samples = 1172
value = [8, 0, 0, 525, 621, 1, 0, 0, 0, 0, 0, 0, 4, 9
4]
class = DoS Hulk
dst2src_mean_ps <= 1384.778
gini = 0.022
samples = 628
value = [4, 0, 0, 0, 621, 0, 0, 0, 0, 0, 0, 0, 1, 1
1]
class = DoS Hulk
dst2src_first_seen_ms <= 358117941.5
gini = 0.612
samples = 7
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1
1]
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
dst2src_first_seen_ms <= 403370566.0
gini = 0.667
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1
1]
class = Web Attack - Brute Force
src2dst_last_seen_ms <= 399773796.0
gini = 0.5
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0
1]
class = Web Attack - Brute Force
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0
0]
class = Web Attack - Brute Force
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
1]
class = Web Attack - XSS
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1
0]
class = Web Attack - Sql Injection
gini = 0.0
samples = 621
value = [0, 0, 0, 0, 621, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Hulk
src2dst_last_seen_ms <= 360395599.0
gini = 0.068
samples = 544
value = [4, 0, 0, 525, 0, 1, 0, 0, 0, 0, 0, 0, 3, 8
3]
class = DoS GoldenEye
dst2src_first_seen_ms <= 318780660.0
gini = 0.015
samples = 529
value = [3, 0, 0, 525, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
src2dst_first_seen_ms <= 227668833.0
gini = 0.375
samples = 4
value = [3, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
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 = [0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS Slowhttptest
gini = 0.0
samples = 525
value = [0, 0, 0, 525, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DoS GoldenEye
src2dst_psh_packets <= 3.0
gini = 0.631
samples = 15
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 8
3]
class = Web Attack - Sql Injection
gini = 0.0
samples = 8
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8
0]
class = Web Attack - Sql Injection
src2dst_bytes <= 4018.5
gini = 0.612
samples = 7
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0
3]
class = Web Attack - Brute Force
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
3]
class = Web Attack - XSS
src2dst_last_seen_ms <= 400115661.0
gini = 0.375
samples = 4
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0
0]
class = Web Attack - Brute Force
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0
0]
class = Web Attack - Brute Force
gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = BENIGN
src2dst_ack_packets <= 0.5
gini = 0.01
samples = 584
value = [3, 0, 581, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS
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 = 581
value = [0, 0, 581, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0]
class = DDoS