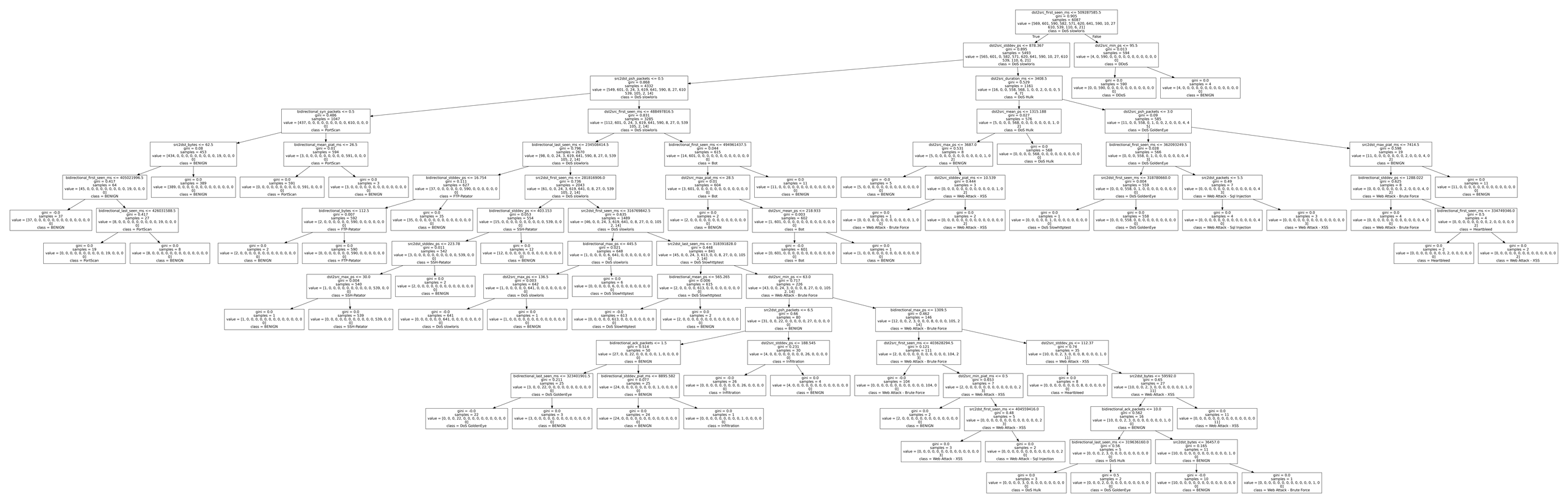
dst2src_first_seen_ms <= 509287585.5
gini = 0.905
samples = 6087
value = [569, 601, 590, 582, 571, 620, 641, 590, 10, 27, 610, 539, 110, 6, 21]
class = DoS slowloris
True
False
dst2src_stddev_ps <= 878.367
gini = 0.895
samples = 5493
value = [565, 601, 0, 582, 571, 620, 641, 590, 10, 27, 610, 539, 110, 6, 21]
class = DoS slowloris
dst2src_min_ps <= 95.5
gini = 0.013
samples = 594
value = [4, 0, 590, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = DDoS
gini = 0.0
samples = 590
value = [0, 0, 590, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = DDoS
gini = 0.0
samples = 4
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = BENIGN
src2dst_psh_packets <= 0.5
gini = 0.868
samples = 4332
value = [549, 601, 0, 582, 571, 620, 641, 590, 8, 27, 610, 539, 105, 2, 14]
class = DoS slowloris
dst2src_duration_ms <= 3408.5
gini = 0.529
samples = 1161
value = [16, 0, 0, 556, 578, 1, 0, 2, 0, 0, 0, 5, 4, 2, 7]
class = DoS Hulk
dst2src_psh_packets <= 3.0
gini = 0.09
samples = 565
value = [11, 0, 0, 558, 0, 1, 0, 0, 2, 0, 0, 0, 4, 4, 5]
class = DoS GoldenEye
bidirectional_syn_packets <= 0.5
gini = 0.184
samples = 1764
value = [437, 0, 0, 0, 0, 0, 0, 0, 0, 610, 0, 0, 0, 0, 0]
class = PortScan
dst2src_first_seen_ms <= 488497816.5
gini = 0.835
samples = 2568
value = [112, 601, 0, 24, 3, 619, 641, 590, 8, 27, 0, 539, 105, 2, 14]
class = DoS slowloris
dst2src_mean_ps <= 1315.188
gini = 0.027
samples = 1156
value = [5, 0, 0, 0, 568, 0, 0, 0, 0, 0, 0, 1, 1, 0, 2]
class = DoS Hulk
dst2src_max_ps <= 3687.0
gini = 0.531
samples = 8
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0, 2]
class = BENIGN
gini = 0.0
samples = 568
value = [0, 0, 0, 0, 568, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = DoS Hulk
src2dst_max_pkt_ms <= 7414.5
gini = 0.598
samples = 19
value = [11, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 4, 0]
class = BENIGN
src2dst_bytes <= 62.5
gini = 0.08
samples = 453
value = [434, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 19, 0, 0, 0]
class = BENIGN
bidirectional_mean_piat_ms <= 26.5
gini = 0.01
samples = 594
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 591, 0, 0, 0, 0, 0]
class = PortScan
bidirectional_last_seen_ms <= 234508414.5
gini = 0.796
samples = 2570
value = [98, 0, 0, 24, 3, 619, 641, 590, 8, 27, 0, 539, 105, 2, 14]
class = DoS slowloris
bidirectional_first_seen_ms <= 494961437.5
gini = 0.044
samples = 615
value = [14, 601, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = Bot
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 = 2
value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = BENIGN
dst2src_stddev_plat_ms <= 10.539
gini = 0.444
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 2]
class = Web Attack - XSS
bidirectional_first_seen_ms <= 3620932249.5
gini = 0.028
samples = 566
value = [0, 0, 0, 558, 0, 1, 0, 0, 0, 0, 0, 0, 4, 0, 0]
class = DoS GoldenEye
src2dst_max_pkt_ms <= 1288.022
gini = 0.625
samples = 8
value = [0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 4, 0, 0]
class = Web Attack - Brute Force
gini = 0.0
samples = 11
value = [11, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = BENIGN
bidirectional_mean_piat_ms <= 28.5
gini = 0.01
samples = 604
value = [3, 601, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = Bot
dst2src_mean_ps <= 218.933
gini = 0.003
samples = 602
value = [1, 601, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = Bot
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = Web Attack - Brute Force
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2]
class = Web Attack - XSS
src2dst_first_seen_ms <= 318780660.0
gini = 0.004
samples = 559
value = [0, 0, 0, 558, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = DoS GoldenEye
src2dst_packets <= 5.5
gini = 0.49
samples = 7
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 3]
class = Web Attack - Sql Injection
bidirectional_stddev_ps <= 1288.022
gini = 0.21
samples = 5
value = [11, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = BENIGN
bidirectional_stddev_ps <= 16.754
gini = 0.111
samples = 627
value = [37, 0, 0, 0, 0, 0, 0, 590, 0, 0, 0, 0, 0, 0, 0]
class = FTP-Patator
src2dst_first_seen_ms <= 281816906.0
gini = 0.736
samples = 2043
value = [61, 0, 0, 24, 3, 619, 641, 0, 8, 27, 0, 539, 105, 2, 14]
class = DoS slowloris
gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 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
gini = 0.0
samples = 601
value = [0, 601, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = Bot
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 = 559
value = [0, 0, 0, 558, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = DoS GoldenEye
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0]
class = Web Attack - XSS
gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0]
class = Web Attack - Sql Injection
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
gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0]
class = Web Attack - Brute Force
bidirectional_first_seen_ms <= 334749346.0
gini = 0.5
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0]
class = Heartbleed
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0]
class = Heartbleed
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2]
class = Web Attack - XSS
bidirectional_stddev_ps <= 403.153
gini = 0.053
samples = 554
value = [15, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 539, 0, 0, 0]
class = SSH-Patator
src2dst_first_seen_ms <= 316769842.5
gini = 0.635
samples = 1489
value = [46, 0, 0, 24, 3, 619, 641, 0, 8, 27, 0, 0, 105, 2, 14]
class = DoS slowloris
bidirectional_stddev_ps <= 112.5
gini = 0.007
samples = 592
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 590, 0, 0, 0, 0, 0]
class = FTP-Patator
gini = 0.0
samples = 35
value = [35, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 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
gini = 0.0
samples = 590
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 590, 0, 0, 0, 0, 0]
class = FTP-Patator
src2dst_stddev_ps <= 223.78
gini = 0.017
samples = 542
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 539, 0, 0, 0]
class = SSH-Patator
gini = 0.0
samples = 12
value = [12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = BENIGN
bidirectional_max_ps <= 445.5
gini = 0.021
samples = 1448
value = [1, 0, 0, 24, 3, 619, 641, 0, 8, 27, 0, 0, 105, 2, 14]
class = DoS slowloris
src2dst_last_seen_ms <= 318391828.0
gini = 0.448
samples = 41
value = [45, 0, 0, 24, 3, 619, 641, 0, 8, 27, 0, 0, 105, 2, 14]
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
dst2src_max_ps <= 30.0
gini = 0.004
samples = 540
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 539, 0, 0, 0]
class = SSH-Patator
gini = 0.0
samples = 2
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = BENIGN
dst2src_max_ps <= 136.5
gini = 0.003
samples = 642
value = [1, 0, 0, 0, 0, 0, 0, 641, 0, 0, 0, 0, 0, 0, 0]
class = DoS slowloris
gini = 0.0
samples = 6
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = DoS Slowhttptest
bidirectional_mean_ps <= 565.265
gini = 0.006
samples = 615
value = [2, 0, 0, 0, 0, 0, 0, 613, 0, 0, 0, 0, 0, 0, 0]
class = DoS Slowhttptest
dst2src_min_ps <= 63.0
gini = 0.717
samples = 226
value = [43, 0, 0, 24, 3, 0, 0, 0, 8, 27, 0, 0, 105, 2, 14]
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
gini = 0.0
samples = 641
value = [0, 0, 0, 0, 0, 0, 0, 641, 0, 0, 0, 0, 0, 0, 0]
class = DoS slowloris
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 = 613
value = [0, 0, 0, 0, 0, 0, 0, 613, 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 = 0.462
samples = 80
value = [31, 0, 0, 22, 0, 0, 0, 0, 0, 27, 0, 0, 0, 0, 0]
class = BENIGN
bidirectional_max_ps <= 1309.5
gini = 0.462
samples = 146
value = [12, 0, 0, 2, 3, 0, 0, 0, 8, 0, 0, 0, 105, 2, 14]
class = Web Attack - Brute Force
bidirectional_ack_packets <= 1.5
gini = 0.514
samples = 30
value = [27, 0, 0, 22, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]
class = BENIGN
dst2src_stddev_ps <= 188.545
gini = 0.231
samples = 30
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 26, 0, 0, 0, 0, 0]
class = Infiltration
dst2src_first_seen_ms <= 403628294.5
gini = 0.121
samples = 111
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 104, 0, 2]
class = Web Attack - Brute Force
dst2src_stddev_ps <= 112.37
gini = 0.74
samples = 35
value = [10, 0, 0, 2, 3, 0, 0, 0, 8, 0, 0, 0, 1, 0, 0]
class = Web Attack - XSS
bidirectional_last_seen_ms <= 323401901.5
gini = 0.211
samples = 21
value = [3, 0, 0, 22, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = DoS GoldenEye
bidirectional_stddev_plat_ms <= 8895.582
gini = 0.077
samples = 24
value = [24, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]
class = BENIGN
gini = -0.0
samples = 26
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 26, 0, 0, 0, 0, 0]
class = Infiltration
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 = 104
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 104, 0, 0]
class = Web Attack - Brute Force
dst2src_min_plat_ms <= 0.5
gini = 0.653
samples = 7
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2]
class = Web Attack - XSS
gini = 0.0
samples = 8
value = [0, 0, 0, 0, 0, 0, 0, 0, 8, 0, 0, 0, 0, 0, 0]
class = Heartbleed
src2dst_bytes <= 59592.0
gini = 0.65
samples = 27
value = [10, 0, 0, 2, 3, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = Web Attack - XSS
gini = 0.0
samples = 2
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = BENIGN
gini = 0.48
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2]
class = Web Attack - XSS
bidirectional_ack_packets <= 10.0
gini = 0.36
samples = 16
value = [10, 0, 0, 2, 3, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = BENIGN
gini = 0.0
samples = 11
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = Web Attack - XSS
gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = Web Attack - XSS
gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = Web Attack - Sql Injection
bidirectional_last_seen_ms <= 319636160.0
gini = 0.56
samples = 5
value = [0, 0, 0, 2, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = DoS Hulk
src2dst_bytes <= 36457.0
gini = 0.165
samples = 11
value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = BENIGN
gini = 0.0
samples = 3
value = [0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = DoS Hulk
gini = 0.5
samples = 2
value = [0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = DoS GoldenEye
gini = -0.0
samples = 10
value = [10, 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