



# Blind SQLi Detection Accuracy



Scanner	200Valid-GET	200Valid-POST	200Identical-GET	200Identical-POST
arachni	100.00% (20 of 20) Cases Detected: 1(1st&2nd)-19 (Cases 4,5,8,11-14 were missed by 0.2.4, but detected by 0.3)	100.00% (20 of 20) Cases Detected: 1(1st&2nd)-19 (Cases 4,14 were missed by 0.2.4, but detected by 0.3)	100.00% (8 of 8) Cases Detected: 1(1st&2nd)-19 (Cases 4,5,8,11-14 were missed by 0.2.4, but detected by 0.3)	100.00% (8 of 8) Cases Detected: 1(1st&2nd)-19 (Cases 4,14 were missed by 0.2.4, but detected by 0.3)
Wapiti	100.00% (20 of 20) Cases Detected: 1(1st&2nd)-19	100.00% (20 of 20) Cases Detected: 1(1st&2nd)-19	100.00% (8 of 8) Cases Detected: 1(1st&2nd)-19	100.00% (8 of 8) Cases Detected: 1(1st&2nd)-19
Netsparker (Commercial Edition)	95.00% (19 of 20) Cases Detected: 1(1st&2nd)-3,5-19 Cases Missed: 4	95.00% (19 of 20) Cases Detected: 1(1st&2nd)-3,5-19 Cases Missed: 4	100.00% (8 of 8) Cases Detected: 1(1st&2nd)-3,5-19 Cases Missed: 4	100.00% (8 of 8) Cases Detected: 1(1st&2nd)-3,5-19 Cases Missed: 4
sqlmap	95.00% (19 of 20) Cases Detected: 1(1st&2nd)-3,5-19 Cases Missed: 4 (URL detected as UNION injectable but eventually overruled, case 3 missed by the stable version)	95.00% (19 of 20) Cases Detected: 1(1st&2nd)-3,5-19 Cases Missed: 4 (URL detected as UNION injectable but eventually overruled)	87.50% (7 of 8) Cases Detected: 1(1st&2nd)-3,5-19 Cases Missed: 4 (URL detected as UNION injectable but eventually overruled, case 3 missed by the stable version)	87.50% (7 of 8) Cases Detected: 1(1st&2nd)-3,5-19 Cases Missed: 4 (URL detected as UNION injectable but eventually overruled)
ParosPro	95.00% (19 of 20) Cases Detected: 1(1st&2nd)-13,15-19 Cases Missed: 14	95.00% (19 of 20) Cases Detected: 1(1st&2nd)-13,15-19 Cases Missed: 14	62.50% (5 of 8) Cases Detected: 1(1st&2nd)-13,15-19 Cases Missed: 14	50.00% (4 of 8) Cases Detected: 1(1st&2nd)-13,15-19 Cases Missed: 14
IBM Rational AppScan	90.00% (18 of 20) Cases Detected: 1(1st&2nd),3,5-19 (Inconsistent Results) Cases Missed: 2,4	95.00% (19 of 20) Cases Detected: 1(1st&2nd)-3,5-19 Cases Missed: 4	50.00% (4 of 8) Cases Detected: 1(1st&2nd),3,5-19 (Inconsistent Results) Cases Missed: 2,4	75.00% (6 of 8) Cases Detected: 1(1st&2nd)-3,5-19 Cases Missed: 4
Acunetix WVS (Commercial Edition)	75.00% (15 of 20) Cases Detected: 1(1st&2nd),2,4,6,7,9,11-14,16,17,19 Cases Missed: 3,5,8,10,15,18	75.00% (15 of 20) Cases Detected: 1(1st&2nd),2,4,6,7,9,11-14,16,17,19 Cases Missed: 3,5,8,10,15,18	75.00% (6 of 8) Cases Detected: 1(1st&2nd),2,4,6,7,9,11-14,16,17,19 Cases Missed: 3,5,8,10,15,18	75.00% (6 of 8) Cases Detected: 1(1st&2nd),2,4,6,7,9,11-14,16,17,19 Cases Missed: 3,5,8,10,15,18

Scanner	200Valid-GET	200Valid-POST	200Identical-GET	200Identical-POST
NTOSpider	75.00% (15 of 20) Detected (Blind): 1(1st&2nd)-3,6-8,10-13,15-18 Cases Missed: 4,5,9,14,19	75.00% (15 of 20) Detected (Blind): 1(1st&2nd)-3,6-8,10-13,15-18 Cases Missed: 4,5,9,14,19	37.50% (3 of 8) Detected (Blind): 1(1st&2nd)-3,6-8,10-13,15-18 Cases Missed: 4,5,9,14,19	37.50% (3 of 8) Detected (Blind): 1(1st&2nd)-3,6-8,10-13,15-18 Cases Missed: 4,5,9,14,19
Nessus	55.00% (11 of 20) Cases Detected: 2,6-8,11-13,16-19 Cases Missed: 1(1st&2nd),3-5,9,10,14,15	45.00% (9 of 20) Cases Detected: 4,7,8,11-13,17-19 Cases Missed: 1(1st&2nd)-3,5,6,9,10,14-16	75.00% (6 of 8) Cases Detected: 2,6-8,11-13,16-19 Cases Missed: 1(1st&2nd),3-5,9,10,14,15	75.00% (6 of 8) Cases Detected: 4,7,8,11-13,17-19 Cases Missed: 1(1st&2nd)-3,5,6,9,10,14-16
Paros Proxy	70.00% (14 of 20) Inconsistent Results (Minor). Cases Detected: 1(1st&2nd),3,4,6-8,11-13,15-18 Cases Missed: 2,5,9,10,14,19	55.00% (11 of 20) Cases Detected: 3, 6-8,11-13,15-18 Cases Missed: 1(1st&2nd),2,4,5,9,10,14,19	37.50% (3 of 8) Inconsistent Results (Minor). Cases Detected: 1(1st&2nd),3,4,6-8,11-13,15-18 Cases Missed: 2,5,9,10,14,19	37.50% (3 of 8) Cases Detected: 3, 6-8,11-13,15-18 Cases Missed: 1(1st&2nd),2,4,5,9,10,14,19
ZAP	65.00% (13 of 20) Cases Detected: 1(1st),3,5-8,11-13,15-18 Cases Missed: 1(2nd),2,4,9,10,14,19	55.00% (11 of 20) Cases Detected: 3,6-8,11-13,15-18 Cases Missed: 1(1st&2nd),2,4,5,9,10,14,19	37.50% (3 of 8) Cases Detected: 1(1st),3,5-8,11-13,15-18 Cases Missed: 1(2nd),2,4,9,10,14,19	37.50% (3 of 8) Cases Detected: 3,6-8,11-13,15-18 Cases Missed: 1(1st&2nd),2,4,5,9,10,14,19
Andiparos	65.00% (13 of 20) Inconsistent Results (Minor). Cases Detected: 1(2nd),3,5-8,11-13,15-18 Cases Missed: 1(1st),2,4,9,10,14,19	55.00% (11 of 20) Cases Detected: 3, 6-8,11-13,15-18 Cases Missed: 1(1st&2nd),2,4,5,9,10,14,19	37.50% (3 of 8) Inconsistent Results (Minor). Cases Detected: 1(2nd),3,5-8,11-13,15-18 Cases Missed: 1(1st),2,4,9,10,14,19	37.50% (3 of 8) Cases Detected: 3, 6-8,11-13,15-18 Cases Missed: 1(1st&2nd),2,4,5,9,10,14,19
WebCruiser Enterprise Edition	60.00% (12 of 20) Cases Detected: 1(2nd),3,6-8,11-13,15-18 Cases Missed: 1(1st),2,4,5,9,10,14,19	65.00% (13 of 20) Cases Detected: 1(1st&2nd)-4,6-8,11-13,17-18 (1-4 detected as XPath Injection) Cases Missed: 5,9,10,14-16,19	25.00% (2 of 8) Cases Detected: 1(2nd),3,6-8,11-13,15-18 Cases Missed: 1(1st),2,4,5,9,10,14,19	12.50% (1 of 8) Cases Detected: 1(1st&2nd)-4,6-8,11-13,17-18 (1-4 detected as XPath Injection) Cases Missed: 5,9,10,14-16,19
Burp Suite Professional	55.00% (11 of 20) Cases Detected: 2,3,6-8,11-13,16-18 Cases Missed: 1(1st&2nd),4,5,9,10,14,15,19	50.00% (10 of 20) Cases Detected: 3,6,7,8,11-13,16-18 Cases Missed: 1(1st&2nd),2,4,5,9,10,14,15,19	37.50% (3 of 8) Cases Detected: 2,3,6-8,11-13,16-18 Cases Missed: 1(1st&2nd),4,5,9,10,14,15,19	37.50% (3 of 8) Cases Detected: 3,6,7,8,11-13,16-18 Cases Missed: 1(1st&2nd),2,4,5,9,10,14,15,19

Scanner	200Valid-GET	200Valid-POST	200Identical-GET	200Identical-POST
WebCruiser Free Edition	60.00% (12 of 20) Cases Detected: 1(2nd),3,6-8,11-13,15-18 Cases Missed: 1(1st),2,4,5,9,10,14,19	60.00% (12 of 20) Cases Detected: 1(1st&2nd)-4,7,8,11-13,17,18 Cases Missed: 5,6,9,10,14-16,19	25.00% (2 of 8) Cases Detected: 1(2nd),3,6-8,11-13,15-18 Cases Missed: 1(1st),2,4,5,9,10,14,19	12.50% (1 of 8) Cases Detected: 1(1st&2nd)-4,7,8,11-13,17,18 Cases Missed: 5,6,9,10,14-16,19
Vega	50.00% (10 of 20) Cases Detected: 2,5-7,10-12,15-17 Cases Missed: 1(1st&2nd),3,4,8,9,13,14,18,19	50.00% (10 of 20) Cases Detected: 2,5-7,10-12,15-17 Cases Missed: 1(1st&2nd),3,4,8,9,13,14,18,19	37.50% (3 of 8) Cases Detected: 2,5-7,10-12,15-17 Cases Missed: 1(1st&2nd),3,4,8,9,13,14,18,19	37.50% (3 of 8) Cases Detected: 2,5-7,10-12,15-17 Cases Missed: 1(1st&2nd),3,4,8,9,13,14,18,19
WebInspect	65.00% (13 of 20) Cases Detected (Confirmed): 1(1st&2nd),2,3,6-8,11-13,16-18 Cases Missed: 4,5,9,10,14,15,19	50.00% (10 of 20) Cases Detected (Confirmed): 1(1st&2nd),3,6,8,11-13,16,18 Cases Missed: 2,4,5,7,9,10,14,15,17,19	0.00% (0 of 8) Cases Detected (Confirmed): 1(1st&2nd),2,3,6-8,11-13,16-18 Cases Missed: 4,5,9,10,14,15,19	0.00% (0 of 8) Cases Detected (Confirmed): 1(1st&2nd),3,6,8,11-13,16,18 Cases Missed: 2,4,5,7,9,10,14,15,17,19
Watobo	45.00% (9 of 20) Cases Detected: 6-8,11-13,16-18 Cases Missed: 1-5,9,10,14,15,19	30.00% (6 of 20) Cases Detected: 8,11-13,17,18 Cases Missed: 1-7,9,10,14-16,19	37.50% (3 of 8) Cases Detected: 6-8,11-13,16-18 Cases Missed: 1-5,9,10,14,15,19	37.50% (3 of 8) Cases Detected: 8,11-13,17,18 Cases Missed: 1-7,9,10,14-16,19
Cenzic Hailstorm Professional	40.00% (8 of 20) Blind & Disclosure (D): 2,6,7,11,12,15-17 Cases Missed: 1(1st&2nd),3-5,8-10,13,14,18,19	30.00% (6 of 20) Blind & Disclosure (D): 2,6,11,12,15,16 Cases Missed: 1(1st&2nd),3-5,7-10,13,14,17-19	37.50% (3 of 8) Blind & Disclosure (D): 2,6,7,11,12,15-17 Cases Missed: 1(1st&2nd),3-5,8-10,13,14,18,19	37.50% (3 of 8) Blind & Disclosure (D): 2,6,11,12,15,16 Cases Missed: 1(1st&2nd),3-5,7-10,13,14,17-19
Oedipus	25.00% (5 of 20) Inconsistent Results. Cases Detected: 1(1st&2nd),4,9,11 Cases Missed: 2,3,5-8,10,12-19	30.00% (6 of 20) Inconsistent Results. Cases Detected: 1(1st),2,9,12,16,17 Cases Missed: 1(2nd),3-8,10,11,13-15,18,19	50.00% (4 of 8) Inconsistent Results. Cases Detected: 1(1st&2nd),4,9,11 Cases Missed: 2,3,5-8,10,12-19	62.50% (5 of 8) Inconsistent Results. Cases Detected: 1(1st),2,9,12,16,17 Cases Missed: 1(2nd),3-8,10,11,13-15,18,19
ProxyStrike	55.00% (11 of 20) Cases Detected: 1(2nd),2,3,6-8,11-13,16,18 Cases Missed: 1(1st),4,5,9,10,14,15,19	45.00% (9 of 20) Cases Detected: 2,3,7,8,11-13,17,18 Cases Missed: 1(1st&2nd),4-6,9,10,14-16,19	0.00% (0 of 8) Cases Detected: 1(2nd),2,3,6-8,11-13,16,18 Cases Missed: 1(1st),4,5,9,10,14,15,19	0.00% (0 of 8) Cases Detected: 2,3,7,8,11-13,17,18 Cases Missed: 1(1st&2nd),4-6,9,10,14-16,19
Netsparker Community Edition	35.00% (7 of 20) Cases Detected: 1(2nd),3,6,12,13,15,16 Cases Missed: 1(1st),2,4,5,7-11,14,17-19	35.00% (7 of 20) Cases Detected: 1(2nd),3,6,12,13,15,16 Cases Missed: 1(1st),2,4,5,7-11,14,17-19	12.50% (1 of 8) Cases Detected: 1(2nd),3,6,12,13,15,16 Cases Missed: 1(1st),2,4,5,7-11,14,17-19	12.50% (1 of 8) Cases Detected: 1(2nd),3,6,12,13,15,16 Cases Missed: 1(1st),2,4,5,7-11,14,17-19

Scanner	200Valid-GET	200Valid-POST	200Identical-GET	200Identical-POST
Damn Small SQLi Scanner (DSSS)	65.00% (13 of 20) Cases Detected: 1(1st&2nd)-3,6-8,12,13,15-18 Cases Missed: 4,5,9,10,11,14,19	0.00% (0 of 20) POST parameters are not scanned by this tool	37.50% (3 of 8) Cases Detected: 1(1st&2nd)-3,6-8,12,13,15-18 Cases Missed: 4,5,9,10,11,14,19	0.00% (0 of 8) POST parameters are not scanned by this tool
SkipFish	30.00% (6 of 20) Cases Detected: 2,10,11,15,16,17 Cases Missed: 1(1st&2nd),3-9,12-14,18,19 (Previous results (7): 7,10-12,15-17)	20.00% (4 of 20) Cases Detected: 10,11,15,17 Cases Missed: 1(1st&2nd)-9,12-14,16,18,19 (Previous results (4): 2,11,12,15)	37.50% (3 of 8) Cases Detected: 2,10,11,15,16,17 Cases Missed: 1(1st&2nd),3-9,12-14,18,19 (Previous results (7): 7,10-12,15-17)	37.50% (3 of 8) Cases Detected: 10,11,15,17 Cases Missed: 1(1st&2nd)-9,12-14,16,18,19 (Previous results (4): 2,11,12,15)
safe3wvs	75.00% (15 of 20) Cases Detected: 1(1st&2nd)-3,5-7,9,10,12,14-17,19 Cases Missed: 4,8,11,13,18	0.00% (0 of 20) Cases Missed: 1(st&2nd)-19	0.00% (0 of 8) Cases Detected: 1(1st&2nd)-3,5-7,9,10,12,14-17,19 Cases Missed: 4,8,11,13,18	0.00% (0 of 8) Cases Missed: 1(st&2nd)-19
Mini MySQLatOr	45.00% (9 of 20) Cases Detected: 6-8,11-13,16-18 Cases Missed: 1-5,9,10,14,15,19	10.00% (2 of 20) Cases Detected: 11,12 Cases Missed: 1-10,13-19	37.50% (3 of 8) Cases Detected: 6-8,11-13,16-18 Cases Missed: 1-5,9,10,14,15,19	0.00% (0 of 8) Cases Detected: 11,12 Cases Missed: 1-10,13-19
JSKY Free Edition	45.00% (9 of 20) Cases Detected: 6-8,11-13,16-18 Cases Missed: 1-5,9,10,14,15,19	0.00% (0 of 20) POST values are not covered by this tool	37.50% (3 of 8) Cases Detected: 6-8,11-13,16-18 Cases Missed: 1-5,9,10,14,15,19	0.00% (0 of 8) POST values are not covered by this tool
W3AF	30.00% (6 of 20) Cases Detected: 7,9,11,12,17,19 Cases Missed: 1-6,8,10,13-16,18	20.00% (4 of 20) Cases Detected: 7,11,12,17 Cases Missed: 1-6,8-10,13-16,18,19	12.50% (1 of 8) Cases Detected: 7,9,11,12,17,19 Cases Missed: 1-6,8,10,13-16,18	12.50% (1 of 8) Cases Detected: 7,11,12,17 Cases Missed: 1-6,8-10,13-16,18,19
SQLiX	40.00% (8 of 20) Cases Detected: 2,6,7,11-13,16,17 Cases Missed: 1(1st&2nd),3-5,8-10,14,15,18,19	0.00% (0 of 20) Cases Missed: 1(1st&2nd)-19	37.50% (3 of 8) Cases Detected: 2,6,7,11-13,16,17 Cases Missed: 1(1st&2nd),3-5,8-10,14,15,18,19	0.00% (0 of 8) Cases Missed: 1(1st&2nd)-19
Uber Web Security Scanner	40.00% (8 of 20) Cases Detected: 2,6-8,15-18 Cases Missed: 1(1st&2nd),3-5,9-14,19	0.00% (0 of 20) Cases Missed: 1-19	0.00% (0 of 8) Cases Detected: 2,6-8,15-18 Cases Missed: 1(1st&2nd),3-5,9-14,19	0.00% (0 of 8) Cases Missed: 1-19

Scanner	200Valid-GET	200Valid-POST	200Identical-GET	200Identical-POST
JSky (Commercial Edition)	20.00% (4 of 20)	10.00% (2 of 20)	12.50% (1 of 8)	0.00% (0 of 8)
	Cases Detected: 6,7,16,17 Cases Missed: 1(1st&2nd)-5,8-15,18,19	Cases Detected: 7,17 Cases Missed: 1(1st&2nd)-6,8-16,18,19	Cases Detected: 6,7,16,17 Cases Missed: 1(1st&2nd)-5,8-15,18,19	Cases Detected: 7,17 Cases Missed: 1(1st&2nd)-6,8-16,18,19
aidSQL	20.00% (4 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Cases Detected: 1(1st),2,7,17 Cases Missed: 1(2nd),3-6,8-16,18,19	Cases Missed: 1(1st&2nd)-19 (POST not supported?)	Cases Detected: 1(1st),2,7,17 Cases Missed: 1(2nd),3-6,8-16,18,19	Cases Missed: 1(1st&2nd)-19 (POST not supported?)
Secubat	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	37.50% (3 of 8)
	Execution Failed.	Cases Missed: 1(1st&2nd)-19 (Only RXSS Cases Were Detected)	Execution Failed.	Cases Missed: 1(1st&2nd)-19 (Only RXSS Cases Were Detected)
Grabber	0.00% (0 of 20)	10.00% (2 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Cases Missed: 1-19	Inconsistent results. Cases Detected: 2,4 Cases Missed: 1(1st&2nd),3,5-19	Cases Missed: 1-19	Inconsistent results. Cases Detected: 2,4 Cases Missed: 1(1st&2nd),3,5-19
Sandcat Free Edition	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Cases Missed: 1(1st&2nd)-19	Cases Missed: 1(1st&2nd)-19	Cases Missed: 1(1st&2nd)-19	Cases Missed: 1(1st&2nd)-19
WebSecurify	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Cases Missed: 1-19	Cases Missed: 1-19	Cases Missed: 1-19	Cases Missed: 1-19
Sandcat Pro	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Cases Missed: 1(1st&2nd)-19	Cases Missed: 1(1st&2nd)-19	Cases Missed: 1(1st&2nd)-19	Cases Missed: 1(1st&2nd)-19
PowerFuzzer	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Cases Missed: 1-19	Cases Missed: 1-19	Cases Missed: 1-19	Cases Missed: 1-19
WSTool	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Cases Missed: 1-19	Cases Missed: 1-19	Cases Missed: 1-19	Cases Missed: 1-19
SandcatCS	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Cases Missed: 1-19	Cases Missed: 1-19	Cases Missed: 1-19	Cases Missed: 1-19
Gamja	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Cases Missed: 1-19	Cases Missed: 1-19	Cases Missed: 1-19	Cases Missed: 1-19
Grendel Scan	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Cases Missed: 1-19	Cases Missed: 1-19	Cases Missed: 1-19	Cases Missed: 1-19

Scanner	200Valid-GET	200Valid-POST	200Identical-GET	200Identical-POST
Scrawler	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Cases Missed: 1-19	POST values are not covered by this tool	Cases Missed: 1-19	POST values are not covered by this tool
openAcunetix	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Execution Failed.	Execution Failed.	Execution Failed.	Execution Failed.
LoverBoy	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Execution Failed.	Execution Failed.	Execution Failed.	Execution Failed.
Web Injection Scanner (WIS)	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Execution Failed.	Execution Failed.	Execution Failed.	Execution Failed.
iScan	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	The tool did not manage to scan URLs with upper case characters.	The tool did not manage to scan URLs with upper case characters.	The tool did not manage to scan URLs with upper case characters.	The tool did not manage to scan URLs with upper case characters.
SQID (SQL Injection Digger)	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Cases Missed: 1-19	Cases Missed: 1-19	Cases Missed: 1-19	Cases Missed: 1-19
Priamos	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Cases Missed: 1-19	Cases Missed: 1-19	Cases Missed: 1-19	Cases Missed: 1-19
Xcobra	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Execution Failed.	Execution Failed.	Execution Failed.	Execution Failed.
VulnDetector	0.00% (0 of 20)	0.00% (0 of 20)	0.00% (0 of 8)	0.00% (0 of 8)
	Execution Failed.	Execution Failed.	Execution Failed.	Execution Failed.