

ISO/IEC JTC 1/SC 22/WG 23 N 0402, Comments on PDTR

JP¹ comments on Final Text of ISO/IEC TR 24772

Date: 2012-04-19

Document: **SC 22 N4522**

1	2	(3)	4	5	(6)	(7)
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JP 1	Entire	Entire	Te	<p>The language vulnerabilities treated in this document refer to CWE. This seems to be a very good start. When one analyses the coverage of the vulnerabilities against the CWE list (CWE Version 2.1), only 144 CWE's are used out of about 900 as attached as Attachment 1 Coverage analysis table of TR 24772 against CWE 1 to CWE 2000.</p> <p>This means something:</p> <ol style="list-style-type: none"> 1. Remaining roughly 756 CWE are not language related vulnerabilities. 2. Remaining roughly 756 CWE are not analysed carefully and are left un-referenced. 3. Remaining roughly 756 CWE are not within the scope of this document. 4. Remaining roughly 756 CWE have been created after this document was drafted. 5. Remaining roughly 756 CWE are out of the concern of the editors. <p>What is important in the security is "coverage," and as this CWE list provide good coverage, there are a number of groups trying to use CWE-list as a basis for discussion for security, it is advisable to examine the currently available CWE-list once more and decide the treatment of them into this document.</p>	<p>Examine the latest CWE list, and incorporate related ones into this document.</p> <p>i.e.</p> <p>Classify the "language related" or "language dependent" CWE and take them into this document.</p>	
JP 2	8.5.2	CWE:	Ge	<p>There are two CWE 821's.</p> <p>821. Missing Synchronization</p> <p>821. Incorrect Synchronization</p> <p>The original CWE Version 2.1 assigns 820 to Missing</p>	<p>Correct as follows:</p> <p>820. Missing Synchronization</p> <p>821. Incorrect Synchronization</p>	

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NOTE Columns 1, 2, 4, 5 are compulsory.

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				synchronization. Therefore, the first 821 should be changed to 820.		
JP 3						

Attachment 1 Coverage analysis table of TR 24772 against CWE 1 to CWE 2000

CWE Number	Vulnerabilities covered by TR24772	
CWE-1		
CWE-2		
CWE-3		
CWE-4		
CWE-5		
CWE-6		
CWE-7		
CWE-8		
CWE-9		
CWE-10		
CWE-11		
CWE-12		
CWE-13		
CWE-14		
CWE-15	8.8 Inadequately Secure Communication of Shared Resources [CGY]	
CWE-16		

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CWE-17						
CWE-18						
CWE-19						
CWE-20		7.4 Distinguished Values in Data Types [KLK]				
CWE-21						
CWE-22		7.18 Path Traversal [EWR]				
CWE-23						
CWE-24		7.18 Path Traversal [EWR]				
CWE-25		7.18 Path Traversal [EWR]				
CWE-26		7.18 Path Traversal [EWR]				
CWE-27		7.18 Path Traversal [EWR]				
CWE-28		7.18 Path Traversal [EWR]				
CWE-29		7.18 Path Traversal [EWR]				
CWE-30		7.18 Path Traversal [EWR]				
CWE-31		7.18 Path Traversal [EWR]				
CWE-32		7.18 Path Traversal [EWR]				
CWE-33		7.18 Path Traversal [EWR]				
CWE-34		7.18 Path Traversal [EWR]				
CWE-35		7.18 Path Traversal [EWR]				
CWE-36						
CWE-37		7.18 Path Traversal [EWR]				
CWE-38		7.18 Path Traversal [EWR]				
CWE-39		7.18 Path Traversal [EWR]				
CWE-40		7.18 Path Traversal [EWR]				
CWE-41						
CWE-42						

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	CWE-43					
	CWE-44					
	CWE-45					
	CWE-46					
	CWE-47					
	CWE-48					
	CWE-49					
	CWE-50					
	CWE-51					
	CWE-52					
	CWE-53					
	CWE-54					
	CWE-55					
	CWE-56					
	CWE-57					
	CWE-58					
	CWE-59					
	CWE-60					
	CWE-61	7.18 Path Traversal [EWR]				
	CWE-62	7.18 Path Traversal [EWR]				
	CWE-63					
	CWE-64	7.18 Path Traversal [EWR]				
	CWE-65	7.18 Path Traversal [EWR]				
	CWE-66					
	CWE-67					
	CWE-68					

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	CWE-69					
	CWE-70					
	CWE-71					
	CWE-72					
	CWE-73					
	CWE-74	7.12 Injection [RST]				
	CWE-75					
	CWE-76	7.12 Injection [RST]				
	CWE-77					
	CWE-78	7.12 Injection [RST]				
	CWE-79	7.13 Cross-site Scripting [XYT]				
	CWE-80	7.13 Cross-site Scripting [XYT]				
	CWE-81	7.13 Cross-site Scripting [XYT]				
	CWE-82	7.13 Cross-site Scripting [XYT]				
	CWE-83	7.13 Cross-site Scripting [XYT]				
	CWE-84	7.13 Cross-site Scripting [XYT]				
	CWE-85	7.13 Cross-site Scripting [XYT]				
	CWE-86	7.13 Cross-site Scripting [XYT]				
	CWE-87	7.13 Cross-site Scripting [XYT]				
	CWE-88					
	CWE-89	7.12 Injection [RST]				
	CWE-90	7.12 Injection [RST]				
	CWE-91	7.12 Injection [RST]				
	CWE-92	7.12 Injection [RST]				
	CWE-93					
	CWE-94					

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	CWE-95	7.12 Injection [RST]				
	CWE-96					
	CWE-97	7.12 Injection [RST]				
	CWE-98	7.12 Injection [RST]				
	CWE-99	7.12 Injection [RST]				
	CWE-100					
	CWE-101					
	CWE-102					
	CWE-103					
	CWE-104					
	CWE-105					
	CWE-106					
	CWE-107					
	CWE-108					
	CWE-109					
	CWE-110					
	CWE-111					
	CWE-112					
	CWE-113					
	CWE-114	6.45 Argument Passing to Library Functions [TRJ]			7.7 Executing or Loading Untrusted Code [XYS]	
	CWE-115					
	CWE-116					
	CWE-117					
	CWE-118					
	CWE-119					

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CWE-120		6.9 Buffer Boundary Violation (Buffer Overflow) [HCB]				
CWE-121		6.11 Unchecked Array Copying [XYW]				
CWE-122		6.9 Buffer Boundary Violation (Buffer Overflow) [HCB]				
CWE-123						
CWE-124		6.9 Buffer Boundary Violation (Buffer Overflow) [HCB]				
CWE-125						
CWE-126						
CWE-127						
CWE-128		6.16 Arithmetic Wrap-around Error [FIF]			6.17 Using Shift Operations for Multiplication and Division [PIK]	
CWE-129		6.9 Buffer Boundary Violation (Buffer Overflow) [HCB]			6.10 Unchecked Array Indexing [XYZ]	
CWE-130						
CWE-131		6.9 Buffer Boundary Violation (Buffer Overflow) [HCB]				
CWE-132						
CWE-133						
CWE-134						
CWE-135						
CWE-136		6.12 Pointer Casting and Pointer Type Changes [HFC]				
CWE-137		7.4 Distinguished Values in Data Types [KLK]				
CWE-138						
CWE-139						

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	CWE-140					
	CWE-141					
	CWE-142					
	CWE-143					
	CWE-144	7.12 Injection [RST]				
	CWE-145	7.12 Injection [RST]				
	CWE-146					
	CWE-147					
	CWE-148					
	CWE-149					
	CWE-150					
	CWE-151					
	CWE-152					
	CWE-153					
	CWE-154					
	CWE-155					
	CWE-156					
	CWE-157					
	CWE-158					
	CWE-159					
	CWE-160					
	CWE-161	7.12 Injection [RST]				
	CWE-162					
	CWE-163	7.12 Injection [RST]				
	CWE-164					
	CWE-165	7.12 Injection [RST]				

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CWE-166		7.12 Injection [RST]				
CWE-167		7.12 Injection [RST]				
CWE-168		7.12 Injection [RST]				
CWE-169						
CWE-170		6.8 String Termination [CJM]				
CWE-171						
CWE-172						
CWE-173						
CWE-174						
CWE-175						
CWE-176						
CWE-177						
CWE-178						
CWE-179						
CWE-180						
CWE-181						
CWE-182						
CWE-183						
CWE-184						
CWE-185						
CWE-186						
CWE-187						
CWE-188		6.12 Pointer Casting and Pointer Type Changes [HFC]				
CWE-189						
CWE-190		6.16 Arithmetic Wrap-around Error [FIF]			6.17 Using Shift Operations for Multiplication and Division [PIK]	

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CWE-191						
CWE-192		6.7 Numeric Conversion Errors [FLC]				
CWE-193		6.32 Off-by-one Error [XZH]				
CWE-194		6.18 Sign Extension Error [XZI]				
CWE-195						
CWE-196						
CWE-197						
CWE-198						
CWE-199						
CWE-200						
CWE-201						
CWE-202						
CWE-203		7.16 Discrepancy Information Leak [XZL]				
CWE-204		7.16 Discrepancy Information Leak [XZL]				
CWE-205						
CWE-206		7.16 Discrepancy Information Leak [XZL]				
CWE-207		7.16 Discrepancy Information Leak [XZL]				
CWE-208		7.16 Discrepancy Information Leak [XZL]				
CWE-209						
CWE-210						
CWE-211						
CWE-212						
CWE-213						
CWE-214		8.5 Concurrent Data Access [CGX]				
CWE-215						
CWE-216						

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	CWE-217					
	CWE-218					
	CWE-219					
	CWE-220					
	CWE-221					
	CWE-222					
	CWE-223					
	CWE-224					
	CWE-225					
	CWE-226	7.17 Sensitive Information Uncleared Before Use [XZK]				
	CWE-227					
	CWE-228					
	CWE-229					
	CWE-230					
	CWE-231					
	CWE-232					
	CWE-233					
	CWE-234					
	CWE-235					
	CWE-236					
	CWE-237					
	CWE-238					
	CWE-239					
	CWE-240					
	CWE-241					

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	CWE-242					
	CWE-243					
	CWE-244					
	CWE-245					
	CWE-246					
	CWE-247					
	CWE-248					
	CWE-249					
	CWE-250	7.5 Adherence to Least Privilege [XYN]				
	CWE-251					
	CWE-252					
	CWE-253					
	CWE-254					
	CWE-255					
	CWE-256	7.20 Insufficiently Protected Credentials [XYM]				
	CWE-257	7.20 Insufficiently Protected Credentials [XYM]				
	CWE-258					
	CWE-259	7.23 Hard-coded Password [XYP]				
	CWE-260					
	CWE-261					
	CWE-262					
	CWE-263					
	CWE-264					
	CWE-265					
	CWE-266	7.6 Privilege Sandbox Issues [XYO]				
	CWE-267	7.6 Privilege Sandbox Issues [XYO]				

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	CWE-268	7.6 Privilege Sandbox Issues [XYO]				
	CWE-269	7.6 Privilege Sandbox Issues [XYO]				
	CWE-270	7.6 Privilege Sandbox Issues [XYO]				
	CWE-271					
	CWE-272	7.6 Privilege Sandbox Issues [XYO]				
	CWE-273	7.6 Privilege Sandbox Issues [XYO]				
	CWE-274	7.6 Privilege Sandbox Issues [XYO]				
	CWE-275					
	CWE-276	7.6 Privilege Sandbox Issues [XYO]				
	CWE-277					
	CWE-278					
	CWE-279					
	CWE-280					
	CWE-281					
	CWE-282					
	CWE-283					
	CWE-284					
	CWE-285	7.21 Missing or Inconsistent Access Control [XZN]				
	CWE-286					
	CWE-287	7.22 Authentication Logic Error [XZO]				
	CWE-288	7.22 Authentication Logic Error [XZO]				
	CWE-289	7.22 Authentication Logic Error [XZO]				
	CWE-290	7.22 Authentication Logic Error [XZO]				
	CWE-291					
	CWE-292					
	CWE-293					

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	CWE-294	7.22 Authentication Logic Error [XZO]				
	CWE-295					
	CWE-296					
	CWE-297					
	CWE-298					
	CWE-299					
	CWE-300					
	CWE-301	7.22 Authentication Logic Error [XZO]				
	CWE-302	7.22 Authentication Logic Error [XZO]				
	CWE-303	7.22 Authentication Logic Error [XZO]				
	CWE-304					
	CWE-305	7.22 Authentication Logic Error [XZO]				
	CWE-306	7.7 Executing or Loading Untrusted Code [XYS]				
	CWE-307					
	CWE-308					
	CWE-309					
	CWE-310					
	CWE-311					
	CWE-312					
	CWE-313					
	CWE-314					
	CWE-315					
	CWE-316					
	CWE-317					
	CWE-318					
	CWE-319					

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	CWE-320					
	CWE-321					
	CWE-322					
	CWE-323					
	CWE-324					
	CWE-325	7.19 Missing Required Cryptographic Step [XZS]				
	CWE-326					
	CWE-327	7.19 Missing Required Cryptographic Step [XZS]				
	CWE-328					
	CWE-329					
	CWE-330					
	CWE-331					
	CWE-332					
	CWE-333					
	CWE-334					
	CWE-335					
	CWE-336					
	CWE-337					
	CWE-338					
	CWE-339					
	CWE-340					
	CWE-341					
	CWE-342					
	CWE-343					
	CWE-344					
	CWE-345					

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CWE-346						
CWE-347		7.15 Improperly Verified Signature [XZR]				
CWE-348						
CWE-349						
CWE-350						
CWE-351						
CWE-352		7.21 Missing or Inconsistent Access Control [XZN]				
CWE-353						
CWE-354						
CWE-355						
CWE-356						
CWE-357						
CWE-358						
CWE-359						
CWE-360						
CWE-361						
CWE-362		8.5 Concurrent Data Access [CGX]				
CWE-363						
CWE-364		8.3 Concurrency – Activation [CGA]			8.4 Concurrency – Directed termination [CGT]8.6 Concurrency – Premature Termination [CGS]	
CWE-365						
CWE-366		8.5 Concurrent Data Access [CGX]				
CWE-367						
CWE-368		8.5 Concurrent Data Access [CGX]				
CWE-369						

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	CWE-370					
	CWE-371					
	CWE-372					
	CWE-373					
	CWE-374					
	CWE-375					
	CWE-376					
	CWE-377					
	CWE-378					
	CWE-379					
	CWE-380					
	CWE-381					
	CWE-382					
	CWE-383					
	CWE-384					
	CWE-385					
	CWE-386					
	CWE-387					
	CWE-388					
	CWE-389					
	CWE-390					
	CWE-391					
	CWE-392					
	CWE-393					
	CWE-394					
	CWE-395					

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	CWE-396					
	CWE-397					
	CWE-398					
	CWE-399					
	CWE-400	7.9 Resource Exhaustion [XZP]				
	CWE-401	6.41 Memory Leak [XYL]				
	CWE-402					
	CWE-403					
	CWE-404					
	CWE-405					
	CWE-406					
	CWE-407					
	CWE-408					
	CWE-409					
	CWE-410					
	CWE-411					
	CWE-412					
	CWE-413	8.5 Concurrent Data Access [CGX]			8.7 Protocol Lock Errors [CGM]	
	CWE-414	8.7 Protocol Lock Errors [CGM]				
	CWE-415	6.15 Dangling Reference to Heap [XYK]				
	CWE-416	6.15 Dangling Reference to Heap [XYK]				
	CWE-417					
	CWE-418					
	CWE-419					
	CWE-420					
	CWE-421					

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	CWE-422					
	CWE-423					
	CWE-424					
	CWE-425					
	CWE-426					
	CWE-427					
	CWE-428	7.14 Unquoted Search Path or Element [XZQ]				
	CWE-429					
	CWE-430					
	CWE-431					
	CWE-432					
	CWE-433					
	CWE-434	7.10 Unrestricted File Upload [CBF]				
	CWE-435					
	CWE-436					
	CWE-437					
	CWE-438					
	CWE-439					
	CWE-440					
	CWE-441					
	CWE-442					
	CWE-443					
	CWE-444					
	CWE-445					
	CWE-446					
	CWE-447					

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	CWE-448					
	CWE-449					
	CWE-450					
	CWE-451					
	CWE-452					
	CWE-453					
	CWE-454					
	CWE-455					
	CWE-456					
	CWE-457	6.24 Initialization of Variables [LAV]				
	CWE-458					
	CWE-459					
	CWE-460					
	CWE-461					
	CWE-462					
	CWE-463					
	CWE-464					
	CWE-465					
	CWE-466					
	CWE-467					
	CWE-468					
	CWE-469					
	CWE-470					
	CWE-471					
	CWE-472					
	CWE-473					

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CWE-474						
CWE-475						
CWE-476		6.14 Null Pointer Dereference [XYH]				
CWE-477						
CWE-478						
CWE-479						
CWE-480		6.27 Likely Incorrect Expression [KOA]				
CWE-481		6.27 Likely Incorrect Expression [KOA]				
CWE-482		6.27 Likely Incorrect Expression [KOA]				
CWE-483						
CWE-484						
CWE-485						
CWE-486						
CWE-487						
CWE-488						
CWE-489						
CWE-490						
CWE-491						
CWE-492						
CWE-493						
CWE-494						
CWE-495						
CWE-496						
CWE-497						
CWE-498						
CWE-499						

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	CWE-500					
	CWE-501					
	CWE-502					
	CWE-503					
	CWE-504					
	CWE-505					
	CWE-506					
	CWE-507					
	CWE-508					
	CWE-509					
	CWE-510					
	CWE-511					
	CWE-512					
	CWE-513					
	CWE-514					
	CWE-515					
	CWE-516					
	CWE-517					
	CWE-518					
	CWE-519					
	CWE-520					
	CWE-521					
	CWE-522					
	CWE-523					
	CWE-524					
	CWE-525					

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	CWE-526					
	CWE-527					
	CWE-528					
	CWE-529					
	CWE-530					
	CWE-531					
	CWE-532					
	CWE-533					
	CWE-534					
	CWE-535					
	CWE-536					
	CWE-537					
	CWE-538					
	CWE-539					
	CWE-540					
	CWE-541					
	CWE-542					
	CWE-543					
	CWE-544					
	CWE-545					
	CWE-546					
	CWE-547					
	CWE-548					
	CWE-549					
	CWE-550					
	CWE-551					

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	CWE-552					
	CWE-553					
	CWE-554					
	CWE-555					
	CWE-556					
	CWE-557					
	CWE-558					
	CWE-559					
	CWE-560					
	CWE-561	6.28 Dead and Deactivated Code [XYQ]				
	CWE-562	6.35 Dangling References to Stack Frames [DCM]				
	CWE-563	6.20 Dead Store [WXQ]			6.21 Unused Variable [YZS]	
	CWE-564	7.12 Injection [RST]				
	CWE-565					
	CWE-566					
	CWE-567					
	CWE-568					
	CWE-569					
	CWE-570	6.27 Likely Incorrect Expression [KOA]			6.28 Dead and Deactivated Code [XYQ]	
	CWE-571	6.27 Likely Incorrect Expression [KOA]			6.28 Dead and Deactivated Code [XYQ]	
	CWE-572					
	CWE-573					
	CWE-574					
	CWE-575					
	CWE-576					
	CWE-577					

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	CWE-578					
	CWE-579					
	CWE-580					
	CWE-581					
	CWE-582					
	CWE-583					
	CWE-584					
	CWE-585					
	CWE-586					
	CWE-587					
	CWE-588					
	CWE-589					
	CWE-590					
	CWE-591	7.8 Memory Locking [XZX]				
	CWE-592					
	CWE-593					
	CWE-594					
	CWE-595					
	CWE-596					
	CWE-597					
	CWE-598					
	CWE-599					
	CWE-600					
	CWE-601					
	CWE-602					
	CWE-603					

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	CWE-604					
	CWE-605					
	CWE-606					
	CWE-607					
	CWE-608					
	CWE-609	8.7 Protocol Lock Errors [CGM]				
	CWE-610					
	CWE-611					
	CWE-612					
	CWE-613					
	CWE-614					
	CWE-615					
	CWE-616					
	CWE-617					
	CWE-618					
	CWE-619					
	CWE-620					
	CWE-621					
	CWE-622					
	CWE-623					
	CWE-624					
	CWE-625					
	CWE-626					
	CWE-627					
	CWE-628	6.36 Subprogram Signature Mismatch [OTR]				
	CWE-629					

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	CWE-630					
	CWE-631					
	CWE-632					
	CWE-633					
	CWE-634					
	CWE-635					
	CWE-636					
	CWE-637					
	CWE-638					
	CWE-639					
	CWE-640					
	CWE-641					
	CWE-642	8.8 Inadequately Secure Communication of Shared Resources [CGY]				
	CWE-643					
	CWE-644					
	CWE-645					
	CWE-646					
	CWE-647					
	CWE-648					
	CWE-649					
	CWE-650					
	CWE-651					
	CWE-652					
	CWE-653					
	CWE-654					

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	CWE-655					
	CWE-656					
	CWE-657					
	CWE-658					
	CWE-659					
	CWE-660					
	CWE-661					
	CWE-662					
	CWE-663					
	CWE-664					
	CWE-665					
	CWE-666					
	CWE-667	8.7 Protocol Lock Errors [CGM]				
	CWE-668					
	CWE-669					
	CWE-670					
	CWE-671					
	CWE-672					
	CWE-673					
	CWE-674	6.37 Recursion [GDL]				
	CWE-675					
	CWE-676					
	CWE-677					
	CWE-678					
	CWE-679					
	CWE-680					

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	CWE-681					
	CWE-682					
	CWE-683	6.36 Subprogram Signature Mismatch [OTR]				
	CWE-684					
	CWE-685					
	CWE-686	6.36 Subprogram Signature Mismatch [OTR]				
	CWE-687					
	CWE-688					
	CWE-689					
	CWE-690					
	CWE-691					
	CWE-692					
	CWE-693					
	CWE-694					
	CWE-695					
	CWE-696					
	CWE-697					
	CWE-698					
	CWE-699					
	CWE-700					
	CWE-701					
	CWE-702					
	CWE-703					
	CWE-704					
	CWE-705					
	CWE-706					

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	CWE-707					
	CWE-708					
	CWE-709					
	CWE-710					
	CWE-711					
	CWE-712					
	CWE-713					
	CWE-714					
	CWE-715					
	CWE-716					
	CWE-717					
	CWE-718					
	CWE-719					
	CWE-720					
	CWE-721					
	CWE-722					
	CWE-723					
	CWE-724					
	CWE-725					
	CWE-726					
	CWE-727					
	CWE-728					
	CWE-729					
	CWE-730					
	CWE-731					
	CWE-732	7.6 Privilege Sandbox Issues [XYO]				

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	CWE-733					
	CWE-734					
	CWE-735					
	CWE-736					
	CWE-737					
	CWE-738					
	CWE-739					
	CWE-740					
	CWE-741					
	CWE-742					
	CWE-743					
	CWE-744					
	CWE-745					
	CWE-746					
	CWE-747					
	CWE-748					
	CWE-749					
	CWE-750					
	CWE-751					
	CWE-752					
	CWE-753					
	CWE-754	6.38 Ignored Error Status and Unhandled Exceptions [OYB]				
	CWE-755					
	CWE-756					
	CWE-757					

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	CWE-758					
	CWE-759					
	CWE-760					
	CWE-761					
	CWE-762					
	CWE-763					
	CWE-764	8.5 Concurrent Data Access [CGX]				
	CWE-765	8.5 Concurrent Data Access [CGX]				
	CWE-766					
	CWE-767					
	CWE-768					
	CWE-769					
	CWE-770					
	CWE-771					
	CWE-772					
	CWE-773					
	CWE-774					
	CWE-775					
	CWE-776					
	CWE-777					
	CWE-778					
	CWE-779					
	CWE-780					
	CWE-781					
	CWE-782					
	CWE-783					

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	CWE-784					
	CWE-785					
	CWE-786					
	CWE-787	6.9 Buffer Boundary Violation (Buffer Overflow) [HCB]				
	CWE-788					
	CWE-789					
	CWE-790					
	CWE-791					
	CWE-792					
	CWE-793					
	CWE-794					
	CWE-795					
	CWE-796					
	CWE-797					
	CWE-798	7.23 Hard-coded Password [XYP]				
	CWE-799					
	CWE-800					
	CWE-801					
	CWE-802					
	CWE-803					
	CWE-804					
	CWE-805	6.9 Buffer Boundary Violation (Buffer Overflow) [HCB]				
	CWE-806					
	CWE-807	7.21 Missing or Inconsistent Access Control [XZN]				

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2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

NOTE Columns 1, 2, 4, 5 are compulsory.

ISO/IEC JTC 1/SC 22/WG 23 N 0402, Comments on PDTR

JP¹ comments on Final Text of ISO/IEC TR 24772

Date: 2012-04-19

Document: **SC 22 N4522**

1	2	(3)	4	5	(6)	(7)
NB ¹	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of comment ²	Comment (justification for change) by the NB	Proposed change by the NB	Resolution on each comment
	CWE-808					
	CWE-809					
	CWE-810					
	CWE-811					
	CWE-812					
	CWE-813					
	CWE-814					
	CWE-815					
	CWE-816					
	CWE-817					
	CWE-818					
	CWE-819					
	CWE-820	8.5 Concurrent Data Access [CGX]				
	CWE-821	8.5 Concurrent Data Access [CGX]			8.7 Protocol Lock Errors [CGM]	
	CWE-822					
	CWE-823					
	CWE-824					
	CWE-825					
	CWE-826					
	CWE-827					
	CWE-828					
	CWE-829					
	CWE-830					
	CWE-831					
	CWE-832					
	CWE-833	8.7 Protocol Lock Errors [CGM]				

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	CWE-834					
	CWE-835					
	CWE-836					
	CWE-837					
	CWE-838					
	CWE-839					
	CWE-840					
	CWE-841					
	CWE-842					
	CWE-843					
	CWE-844					
	CWE-845					
	CWE-846					
	CWE-847					
	CWE-848					
	CWE-849					
	CWE-850					
	CWE-851					
	CWE-852					
	CWE-853					
	CWE-854					
	CWE-855					
	CWE-856					
	CWE-857					
	CWE-858					
	CWE-859					

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NB ¹	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of comment ²	Comment (justification for change) by the NB	Proposed change by the NB	Resolution on each comment
	CWE-860					
	CWE-861					
	CWE-862					
	CWE-863					
	CWE-864					
	CWE-865					
	CWE-866					
	CWE-867					
	CWE-868					
	CWE-869					
	CWE-870					
	CWE-871					
	CWE-872					
	CWE-873					
	CWE-874					
	CWE-875					
	CWE-876					
	CWE-877					
	CWE-878					
	CWE-879					
	CWE-880					
	CWE-881					
	CWE-882					
	CWE-883					
	CWE-884					
	CWE-885					

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NB ¹	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com- ment ²	Comment (justification for change) by the NB	Proposed change by the NB	Resolution on each comment
	CWE-886					
	CWE-887					
	CWE-888					
	CWE-889					
	CWE-890					
	CWE-891					
	CWE-892					
	CWE-893					
	CWE-894					
	CWE-895					
	CWE-896					
	CWE-897					
	CWE-898					
	CWE-899					
	CWE-900					
	CWE-1000					
	CWE-2000					

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