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1  =====
2  R E L E A S E   N O T E S
3  =====
4
5  QLogic qedi VMware ESX Native Driver for ESXi-6.7
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8  All rights reserved
9
10 Version: 2.19.5.0
11 =====
12 Enhancements:
13 -----
14 - Update to qed-8.50.18.0 with storm fw 8.50.12.0
15
16 Fixes:
17 -----
18   Update Makefile for ESX70
19   Fail IO command when IO and cleanup response is received
20   minor changes in scons
21
22
23 Version: 2.19.4.0
24 =====
25 Enhancements:
26 -----
27 - Update to qed-8.50.18.0 with storm fw 8.50.12.0
28
29 Fixes:
30 -----
31   CQ107825: PSoD when iSCSI and SRIOV enabled
32
33
34 Version: 2.19.3.0
35 =====
36 Enhancements:
37 -----
38 - Update to qed-8.50.15.0 with storm fw 8.50.12.0
39
40 Fixes:
41 -----
42
43
44
45 Version: 2.19.2.0
46 =====
47 Enhancements:
48 -----
49 - Update to qed-8.50.13.0 with storm fw 8.50.10.0
50
51 Fixes:
52 -----
53
54
55
56 Version: 2.19.1.0
57 =====
58 Enhancements:
59 -----
60 - Update to qed-8.50.12.0 with storm fw 8.50.10.0
61
62 Fixes:
63 -----
64 qed_snapshot: Corrected num_vf_cnqs module param
65
66
67 Version: 2.19.0.0
68 =====
69 Enhancements:
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70 -----
71 - Update to qed-8.50.12.0 with storm fw 8.50.10.0
72
73 Fixes:
74 -----
75 CQ106748: Unload failed with consumed resource error
76 CQ107500: Out of order packets are seen in trace
77
78
79 Version: 2.18.0.0
80 =====
81 Enhancements:
82 -----
83 - Update to qed-8.50.11.0 with storm fw 8.42.4.0
84
85 Fixes:
86 -----
87 Minor changes in logging
88
89
90 Version: 2.17.0.0
91 =====
92 Enhancements:
93 -----
94 - Update to qed-8.42.9.0 with storm fw 8.42.3.0
95
96 Fixes:
97 -----
98
99
100
101 Version: 2.16.0.0
102 =====
103 Enhancements:
104 -----
105 - Update to qed-8.42.8.0 with storm fw 8.42.1.0
106
107 Fixes:
108 -----
109
110
111
112 Version: 2.15.0.0
113 =====
114 Enhancements:
115 -----
116 - Update to qed-8.42.4.0 with storm fw 8.42.1.0
117
118 Fixes:
119 -----
120 Changes in ESX7.0 scons for dependency error
121
122
123 Version: 2.14.0.0
124 =====
125 Enhancements:
126 -----
127 - Update to qed-8.42.2.0 with storm fw 8.42.0.0
128
129 Fixes:
130 -----
131
132
133
134 Version: 2.13.0.0
135 =====
136 Enhancements:
137 -----
138 - Update to qed-8.42.2.0 with storm fw 8.42.0.0
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139
140 Fixes:
141 -----
142 Scons changes for BETA build
143 Updated Makefile for ESX7.0
144 Updated ESX7.0 scons for generating complete bundle
145
146
147 Version: 2.12.0.0
148 =====
149 Enhancements:
150 -----
151 - Update to qed-8.42.0.0 with storm fw 8.40.32.0
152
153 Fixes:
154 -----
155 -
156
157 Version: 2.11.0.0
158 =====
159 Enhancements:
160 -----
161 - Update to qed-8.40.13.0 with storm fw 8.40.23.0
162
163 Fixes:
164 -----
165 - None
166
167 Version: 2.10.5.2
168 =====
169 Enhancements:
170 -----
171
172 Fixes:
173 -----
174 [CQ104433]: Link speed shown 0Mbps
175 [CQ104062]: Unable to get iSCSI LUN list and info using ESXCLI
176
177 Version: 2.10.5.1
178 =====
179 Enhancements:
180 -----
181 - Release for updated dependecny string X.10.23.0
182
183 Fixes:
184 -----
185 [CQ104384]: gedi unload fails.
186
187
188 Version: 2.10.5.0
189 =====
190 Enhancements:
191 -----
192 - Update to qed-8.37.28.0 with storm fw 8.37.9.0
193
194 Fixes:
195 -----
196
197
198
199 Version: 2.10.4.0
200 =====
201 Enhancements:
202 -----
203 - Update to qed-8.37.27.0 with storm fw 8.37.9.0
204
205 Fixes:
206 -----
207 [CQ104126]: PSOD encountered when rebooting host
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208 [CQ102686]: DDV Load/unload test failed II
209
210
211 Version: 2.10.3.0
212 =====
213 Enhancements:
214 -----
215 - Update to qed-8.37.26.0 with storm fw 8.37.8.0
216
217 Fixes:
218 -----
219 [CQ102686]: DDV Load/unload test failed
220
221
222 Version: 2.10.2.0
223 =====
224 Enhancements:
225 -----
226 -
227 Fixes:
228 -----
229 CQ103842: PSOD on device state change from detach -> attach -> detach
230
231
232 Version: 2.10.1.0
233 =====
234 Enhancements:
235 -----
236 - Update to qed-8.37.24.0 with storm fw 8.37.8.0
237
238 Fixes:
239 -----
240
241
242
243 Version: 2.10.0.0
244 =====
245 Enhancements:
246 -----
247 - Update to qed-8.37.23.0 with storm fw 8.37.8.0
248
249 Fixes:
250 -----
251
252
253
254 Version: 2.9.0.0
255 =====
256 Enhancements:
257 -----
258 - Update to qed-8.37.22.0 with storm fw 8.37.7.0
259
260 Fixes:
261 -----
262 CQ103455: Targets not getting discovered after load-unload test.
263 cqxxxxx: Issues using OS PAGE_SIZE.
264
265
266 Version: 2.8.0.0
267 =====
268 Enhancements:
269 -----
270 - Update to qed-8.37.21.0 with storm fw 8.37.7.0
271
272 Fixes:
273 -----
274 Debug and Error print messages corrected.
275 CQ102873: IO halts with IO traffic and target reset.
276 Updated known issue in README.
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277
278
279 Version: 1.8.12.0
280 =====
281 Enhancements:
282 -----
283 - Update to qed-8.37.20.0 with storm fw 8.37.7.0
284
285 Fixes:
286 -----
287
288
289
290 Version: 1.8.11.0
291 =====
292 Enhancements:
293 -----
294 - Update to qed-8.37.19.0 with storm fw 8.37.7.0
295
296 Fixes:
297 -----
298 [CQ102020]: Application support
299 CQ102673: ISCSIParam_InheritanceDisable fails due to unable to modify iscsi params.
300 CQ99602: IO errors/halts during target side port toggle with IO.
301
302
303 Version: 1.8.10.0
304 =====
305 Enhancements:
306 -----
307 - Update to qed-8.37.17.0 with storm fw 8.37.6.0
308
309 Fixes:
310 -----
311 CQ102776: PSOD encountered after rebooting host with beta driver.
312 CQ102413: Correctly free qed_ll2_info tx/rx lock.
313
314 Version: 1.8.9.1
315 =====
316 Enhancements:
317 -----
318
319 Fixes:
320 -----
321 Correct the memory barriers in qedi_ring_doorbell.
322
323
324 Version: 1.8.9.0
325 =====
326 Enhancements:
327 -----
328 - Update to qed-8.37.16.0 with storm fw 8.37.5.0
329
330 Fixes:
331 -----
332 Send driver state to mfw.
333 [CQ101504]: FW Reset Recovery handler implementation
334 [CQ102531]: PSOD seen while running IOVP IO Reboot test.
335 [CQ102469]: "esxcli network nic down" does not actually bring down link on vmnic.
336 [CQxxxx]: Link state shows up and full duplex during link down.
337
338
339 Version: 1.8.8.0
340 =====
341 Enhancements:
342 -----
343 - Update to qed-8.37.15.0 with storm fw 8.37.5.0
344
345 Fixes:

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346 -----
347
348
349
350 Version: 1.8.7.0
351 =====
352 Enhancements:
353 -----
354 - Update to qed-8.37.14.0 with storm fw 8.37.5.0
355
356 Fixes:
357 -----
358
359
360
361 Version: 1.8.6.0
362 =====
363 Enhancements:
364 -----
365 - Update to qed-8.37.13.0 with storm fw 8.37.4.0
366
367 Fixes:
368 -----
369 [CQ101950]: PSOD is seen when data digest parameter enabled in vi plugin.
370 [CQ101571]: ISCSI functions of Quack adapter shows the incorrect driver string.
371 [CQ101672]: Add "replaces" tag in scons for "scsi-qedil"
372
373
374 Version: 1.8.5.1
375 =====
376 Enhancements:
377 -----
378 -None
379 Fixes:
380 -----
381 [CQ101969]: Update cmd_mgr counter after itt is reserved
382 [CQ101598] I/O errors in IOPS while adding and removing the target
383 [CQ101626] IO halts after running multipath enable/disable after 3 hours
384 [CQ99602] IO Erros encountered during target port toggle.
385 qedi.sc files were wrongly updated by automated build script.
386
387
388 Version: 1.8.5.0
389 =====
390 Enhancements:
391 -----
392 - Update to qed-8.37.12.0 with storm fw 8.37.3.0
393
394 Fixes:
395 -----
396 [CQ101566]: Do not start recovery timer before sending target reset
397 [CQ101827]: PSOD after a reboot while doing MAX LUN TC.
398 [CQxxxxx]: LUNs are not discovered on HP 3PAR targets.
399 [CQxxxxx]: abort request put into waitqueue never woken up before timeout.
400 [CQxxxxx]: Cleanup timeout duration reduced to 1 second.
401
402 Version: 1.8.4.4
403 =====
404 Enhancements:
405 -----
406 Update to qed-8.37.10.0 FW-8.37.2.0
407
408 Fixes:
409 -----
410 4Cache SG changes
411
412
413 Version: 1.8.4.3
414 =====

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415 Enhancements:
416 -----
417 -
418
419 Fixes:
420 -----
421 -[CQ101540]: PSOD seen over long duration and IO and lun reset test
422 -Print driver version during module load.
423 -Correctly protect itt update in cmd-mgr-lock.
424 -Correct the maxLuns supported by driver.
425 -CQ101529: Fix lockup seen after traffic for sometime.
426 -Add wrapper for all vmk_listInsert
427
428
429 Version: 1.8.4.2
430 =====
431 Enhancements:
432 -----
433 -
434
435 Fixes:
436 -----
437 - [CQxxxxx]: Error/Warning messages during IO, after vmkfstools bus reset.
438   Resolution: tmf_in_progress flag is properly reset to zero.
439
440 - [CQxxxxx]: APD events are seen during IO.
441   Resolution: is_local_cqe flag properly reset to zero.
442
443 - [CQ101307]: PSOD seend when running APD test.
444   Resolution: Extra checks are added in cleanup_response path.
445
446 Version: 1.8.4.1
447 =====
448 - dependency version string is changed to X.10.1.0.
449
450
451 Version: 1.8.4.0
452 =====
453 Enhancements:
454 -----
455 - Update to qed-8.37.8.0 with storm fw 8.33.14.0.
456
457 Fixes:
458 -----
459 -
460
461 Version: 1.8.3.2
462 =====
463 Enhancements:
464 -----
465 - Unload support added.
466
467 Fixes:
468 -----
469 - [CQXXXX]: active_cmd_count showing wrong value in logs.
470   Resolution: counter is properly reset in bind_conn().
471
472 - [CQ99965]: max cmds per-session reached.
473   Resolution: Updating active_cmd_count and active_cmd_list is
474               added in sess lock.
475
476 - [CQ91051]: PSOD in port toggle.
477   Resolution: Separate qedi commands used Logout and Nopout/Login.
478
479
480 Version: 1.8.3.1
481 =====
482 Enhancements:
483 -----

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484 - None.
485
486 Fixes:
487 -----
488 - [CQXXXX]: PSOD in iscsi recovery function(regression due to debug prints).
489 Resolution: ep pointer dereferencing corrected.
490
491 Version: 1.8.3.0
492 =====
493 Enhancements:
494 -----
495 - Update to qed-8.33.11.0 with storm fw 8.33.11.0.
496
497 Fixes:
498 -----
499 - [CQ99990]: PSOD seen with beta driver installed.
500 Issue: write lock acquired sequentially, without releasing.
501 Resolution: lock order corrected.
502
503 Version: 1.8.2.2
504 =====
505 Enhancements:
506 -----
507 - Debug prints updated.
508
509 Fixes:
510 -----
511 - [CQ99602]: PSOD during target side port toggle.
512 Resolution: Extra state check added before sending a command for cleanup..
513
514 [CQ99497]: PSOD while running lun reset test..
515 Resolution: cmd clenaup counters are reset after connection termination.
516
517 Version: 1.8.2.1
518 =====
519 Enhancements:
520 -----
521 - None.
522
523 Fixes:
524 -----
525 - [CQ99287]: Vmnic vsish properties does not display firmware version.
526 Resolution: Code added to display firmware version.
527
528 [CQ99310]: Target discovery failes with IPv6 setting.
529 Resolution: memcopy of source ip address corrected.
530
531 Version: 1.8.2.0
532 =====
533 Enhancements:
534 -----
535 - Update to qed-8.33.10.0 with storm fw 8.33.10.0.
536 - Initial driver submitted.
537
538 Fixes:
539 -----
540 - None.
541