

EXPRESSCLUSTER X 3.3

Supported distributions and kernel versions

2019/12/25

<Notes>

- EXPRESSCLUSTER's drivers for the following distributions and kernels are compatible with the "Retpoline" patch which resolves Spectre Variant 2 vulnerability.
 - RedHat Enterprize Linux 7 Update 7: All kernels
 - RedHat Enterprize Linux 7 Update 6: All kernels
 - RedHat Enterprize Linux 7 Update 5: 3.10.0-862.14.4.el7.x86_64 or later
 - RedHat Enterprize Linux 7 Update 4: 3.10.0-693.21.1.el7.x86_64 or later
 - RedHat Enterprize Linux 7 Update 3: 3.10.0-514.58.1.el7.x86_64 or later
 - RedHat Enterprize Linux 6 Update 10: All kernels
 - Asianux Server 7 SP2: 3.10.0-862.2.3.el7.x86_64 or later
 - Asianux Server 4 SP7: 2.6.32-754.2.1.el6.x86_64 or later

x86_64

Distribution	Kernel version	Replicator Replicator DR support	clpka,clpkhb support	EXPRESSCLUSTER Version
Turbolinux Appliance Server 3.0 (SP1)	2.6.23-10	Yes	Yes	3.0.0-1 or later
	2.6.23-12			
Turbolinux 11 Server (SP1)	2.6.23-10	Yes	Yes	3.0.0-1 or later
	2.6.23-12			
Red Hat Enterprise Linux 7 (Update 7)	3.10.0-1062.el7.x86_64	Yes	Yes	3.3.5-1 ^{**} or later
Red Hat Enterprise Linux 7 (Update 6)	3.10.0-957.el7.x86_64	Yes	Yes	3.3.5-1 ^{**} or later
Red Hat Enterprise Linux 7 (Update 5)	3.10.0-862.el7.x86_64	Yes	Yes	3.3.5-1 ^{**} or later
	3.10.0-862.3.3.el7.x86_64	Yes	Yes	3.3.5-1 ^{**} or later
	3.10.0-862.14.4.el7.x86_64	Yes	Yes	3.3.5-1 ^{**} or later
Red Hat Enterprise Linux 7 (Update 4)	3.10.0-693.el7.x86_64	Yes	Yes	3.3.5-1 or later
	3.10.0-693.2.2.el7.x86_64	Yes	Yes	3.3.5-1 or later
	3.10.0-693.5.2.el7.x86_64	Yes	Yes	3.3.5-1 or later
	3.10.0-693.11.6.el7.x86_64	Yes	Yes	3.3.5-1 or later
	3.10.0-693.21.1.el7.x86_64	Yes	Yes	3.3.5-1 ^{**} or later
	3.10.0-693.37.4.el7.x86_64	Yes	Yes	3.3.5-1 ^{**} or later
Red Hat Enterprise Linux 7 (Update 3)	3.10.0-693.39.1.el7.x86_64	Yes	Yes	3.3.5-1 ^{**} or later
	3.10.0-514.el7.x86_64	Yes	Yes	3.3.4-1 or later
	3.10.0-514.6.1.el7.x86_64	Yes	Yes	3.3.4-1 or later
	3.10.0-514.21.1.el7.x86_64	Yes	Yes	3.3.5-1 or later
	3.10.0-514.21.2.el7.x86_64	No	No	-
Red Hat Enterprise Linux 7 (Update 2)	3.10.0-514.26.2.el7.x86_64	Yes	Yes	3.3.5-1 or later
	3.10.0-514.58.1.el7.x86_64	Yes	Yes	3.3.5-1 or later
	3.10.0-327.el7.x86_64	Yes	Yes	3.3.3-1 or later
	3.10.0-327.3.1.el7.x86_64			
	3.10.0-327.4.5.el7.x86_64			
3.10.0-327.10.1.el7.x86_64				
Red Hat Enterprise Linux 7 (Update 1)	3.10.0-327.18.2.el7.x86_64	Yes	Yes	3.3.4-1 or later
	3.10.0-327.36.2.el7.x86_64	Yes	Yes	3.3.5-1 or later
	3.10.0-229.el7.x86_64	Yes	Yes	3.3.1-1 or later
	3.10.0-229.11.1.el7.x86_64	Yes	Yes	3.3.2-1 or later
Red Hat Enterprise Linux 7 (Update 1)	3.10.0-229.14.1.el7.x86_64	Yes	Yes	3.3.2-1 or later
	3.10.0-229.20.1.el7.x86_64	Yes	Yes	3.3.3-1 or later
	3.10.0-123.el7.x86_64	Yes	Yes	3.3.0-1 or later
3.10.0-123.8.1.el7.x86_64				
Red Hat Enterprise Linux 7	3.10.0-123.20.1.el7.x86_64	Yes	Yes	3.3.2-1 or later

Distribution	Kernel version	Replicator Replicator DR support	clpka,clpkhb support	EXPRESSCLUSTER Version
Red Hat Enterprise Linux 6 (update10)	2.6.32-754.el6.x86_64	Yes	Yes	3.3.5-1 ^{**} or later
	2.6.32-754.6.3.el6.x86_64	Yes	Yes	3.3.5-1 ^{**} or later
Red Hat Enterprise Linux 6 (Update 9)	2.6.32-696.el6.x86_64	Yes	Yes	3.3.4-2 or later
	2.6.32-696.3.1.el6.x86_64	Yes	Yes	3.3.5-1 or later
	2.6.32-696.10.3.el6.x86_64	Yes	Yes	3.3.5-1 or later
	2.6.32-696.18.7.el6.x86_64	Yes	Yes	3.3.5-1 or later
Red Hat Enterprise Linux 6 (update8)	2.6.32-696.30.1.el6.x86_64	Yes	Yes	3.3.5-1 ^{**} or later
	2.6.32-642.el6.x86_64	Yes	Yes	3.3.3-1 or later
	2.6.32-642.6.1.el6.x86_64	Yes	Yes	3.3.4-1 or later
Red Hat Enterprise Linux 6 (update7)	2.6.32-642.15.1.el6.x86_64	Yes	Yes	3.3.5-1 or later
	2.6.32-573.el6.x86_64	Yes	Yes	3.3.2-1 or later
	2.6.32-573.3.1.el6.x86_64			
Red Hat Enterprise Linux 6 (update6)	2.6.32-573.26.1.el6.x86_64	Yes	Yes	3.3.3-1 or later
	2.6.32-504.el6.x86_64	Yes	Yes	3.3.0-1 or later
	2.6.32-504.3.3.el6.x86_64	Yes	Yes	3.3.1-1 or later
	2.6.32-504.12.2.el6.x86_64	Yes	Yes	3.3.2-1 or later
	2.6.32-504.23.4.el6.x86_64	No	Yes	3.3.2-1 or later
Red Hat Enterprise Linux 6 (update5)	2.6.32-504.30.3.el6.x86_64	Yes	Yes	3.3.2-1 or later
	2.6.32-504.63.3.el6.x86_64	Yes	Yes	3.3.5-1 or later
	2.6.32-431.el6.x86_64	Yes	Yes	3.2.0-1 or later
	2.6.32-431.1.2.el6.x86_64			
	2.6.32-431.3.1.el6.x86_64			
	2.6.32-431.5.1.el6.x86_64			
	2.6.32-431.11.2.el6.x86_64	Yes	Yes	3.2.1-1 or later
	2.6.32-431.17.1.el6.x86_64			
2.6.32-431.20.3.el6.x86_64				
2.6.32-431.20.5.el6.x86_64	Yes	Yes	3.3.0-1 or later	
2.6.32-431.23.3.el6.x86_64	Yes	Yes	3.2.1-1 or later	
2.6.32-431.29.2.el6.x86_64				
Red Hat Enterprise Linux 6 (update4)	2.6.32-358.el6.x86_64	Yes	Yes	3.1.8-1 or later
	2.6.32-358.0.1.el6.x86_64			
	2.6.32-358.2.1.el6.x86_64			
	2.6.32-358.6.1.el6.x86_64	Yes	Yes	3.1.10-1 or later
	2.6.32-358.6.2.el6.x86_64	Yes	Yes	3.1.8-2 or later
	2.6.32-358.11.1.el6.x86_64			
	2.6.32-358.14.1.el6.x86_64	Yes	Yes	3.1.8-1 or later
	2.6.32-358.18.1.el6.x86_64	Yes	Yes	3.2.0-1 or later
	2.6.32-358.23.2.el6.x86_64	Yes	Yes	3.1.10-1 or later
2.6.32-358.49.1.el6.x86_64	Yes	Yes	3.3.0-1 or later	
Red Hat Enterprise Linux 6 (update3)	2.6.32-279.el6.x86_64	Yes	Yes	3.1.4-1 or later
	2.6.32-279.2.1.el6.x86_64	Yes	Yes	3.1.5-1 or later
	2.6.32-279.11.1.el6.x86_64	Yes	Yes	3.1.7-1 or later
	2.6.32-279.14.1.el6.x86_64			
	2.6.32-279.19.1.el6.x86_64			
	2.6.32-279.22.1.el6.x86_64	Yes	Yes	3.1.8-1 or later
	2.6.32-279.31.1.el6.x86_64			
	2.6.32-279.33.1.el6.x86_64			
	2.6.32-279.37.2.el6.x86_64			
	2.6.32-279.41.1.el6.x86_64	Yes	Yes	3.2.0-1 or later
	2.6.32-279.43.2.el6.x86_64	Yes	Yes	3.1.10-1 or later
2.6.32-279.46.1.el6.x86_64	Yes	Yes	3.3.0-1 or later	
Red Hat Enterprise Linux 6 (update2)	2.6.32-220.el6.x86_64	Yes	Yes	3.1.3-1 or later
	2.6.32-220.4.2.el6.x86_64			
	2.6.32-220.17.1.el6.x86_64	Yes	Yes	3.1.4-1 or later
	2.6.32-220.23.1.el6.x86_64	Yes	Yes	3.1.5-1 or later
	2.6.32-220.39.1.el6.x86_64	Yes	Yes	3.1.10-1 or later
2.6.32-220.45.1.el6.x86_64				
Red Hat Enterprise Linux 6 (update1)	2.6.32-220.55.1.el6.x86_64	Yes	Yes	3.3.0-1 or later
	2.6.32-131.0.15.el6.x86_64	Yes	Yes	3.0.4-1 or later
	2.6.32-131.21.1.el6.x86_64	Yes	Yes	3.1.3-1 or later
	2.6.32-131.39.1.el6.x86_64	Yes	Yes	3.1.10-1 or later

Distribution	Kernel version	Replicator Replicator DR support	clpka,clpkhb support	EXPRESSCLUSTER Version
Red Hat Enterprise Linux 6	2.6.32-71.el6.x86_64	Yes	Yes	3.0.2-1 or later
	2.6.32-71.7.1.el6.x86_64	Yes	Yes	3.0.3-1 or later
	2.6.32-71.14.1.el6.x86_64			
	2.6.32-71.18.1.el6.x86_64	Yes	Yes	3.1.10-1 or later
2.6.32-71.40.1.el6.x86_64				
Red Hat Enterprise Linux 5 (update11)	2.6.18-398.el5	Yes	Yes	3.3.0-1 or later
	2.6.18-398.el5xen	Yes	Yes	3.3.0-1 or later
	2.6.18-400.1.1.el5			
	2.6.18-400.1.1.el5xen	Yes	Yes	3.3.2-1 or later
	2.6.18-406.el5			
	2.6.18-406.el5xen	Yes	Yes	3.3.3-1 or later
	2.6.18-410.el5			
	2.6.18-410.el5xen	Yes	Yes	3.3.4-1 or later
	2.6.18-412.el5			
2.6.18-412.el5xen	Yes	Yes	3.3.5-1 or later	
2.6.18-418.el5				
2.6.18-418.el5xen				
Red Hat Enterprise Linux 5 (update10)	2.6.18-371.el5	Yes	Yes	3.2.0-1 or later
	2.6.18-371.el5xen			
	2.6.18-371.3.1.el5	Yes	Yes	3.3.0-1 or later
	2.6.18-371.3.1.el5xen			
2.6.18-371.12.1.el5	Yes	Yes	3.3.0-1 or later	
2.6.18-371.12.1.el5xen				
Red Hat Enterprise Linux 5 (update9)	2.6.18-348.el5	Yes	Yes	3.1.8-1 or later
	2.6.18-348.el5xen	Yes	Yes	3.1.10-1 or later
	2.6.18-348.4.1.el5			
	2.6.18-348.4.1.el5xen			
	2.6.18-348.6.1.el5			
	2.6.18-348.6.1.el5xen			
	2.6.18-348.12.1.el5			
	2.6.18-348.12.1.el5xen	Yes	Yes	3.3.0-1 or later
	2.6.18-348.18.1.el5			
2.6.18-348.18.1.el5xen				
2.6.18-348.28.1.el5	Yes	Yes	3.3.0-1 or later	
2.6.18-348.28.1.el5xen				
Red Hat Enterprise Linux 5 (update8)	2.6.18-308.el5	Yes	Yes	3.1.4-1 or later
	2.6.18-308.el5xen			
	2.6.18-308.4.1.el5	Yes	Yes	3.1.5-1 or later
	2.6.18-308.4.1.el5xen			
	2.6.18-308.11.1.el5	Yes	Yes	3.1.8-2 or later
	2.6.18-308.11.1.el5xen			
2.6.18-308.24.1.el5	Yes	Yes	3.1.8-2 or later	
2.6.18-308.24.1.el5xen				
Red Hat Enterprise Linux 5 (update7)	2.6.18-274.el5	Yes	Yes	3.1.0-1 or later
	2.6.18-274.el5xen	Yes	Yes	3.1.3-1 or later
	2.6.18-274.18.1.el5			
2.6.18-274.18.1.el5xen				
Red Hat Enterprise Linux 5 (update6)	2.6.18-238.el5	Yes	Yes	3.0.3-1 or later
	2.6.18-238.el5xen			
	2.6.18-238.1.1.el5	Yes	Yes	3.1.0-1 or later
	2.6.18-238.1.1.el5xen			
	2.6.18-238.9.1.el5	Yes	Yes	3.1.4-1 or later
	2.6.18-238.9.1.el5xen			
	2.6.18-238.37.1.el5	Yes	Yes	3.3.0-1 or later
	2.6.18-238.37.1.el5xen			
2.6.18-238.52.1.el5	Yes	Yes	3.3.0-1 or later	
2.6.18-238.52.1.el5xen				
Red Hat Enterprise Linux 5 (update5)	2.6.18-194.el5	Yes	Yes	3.0.0-1 or later
	2.6.18-194.el5xen			
	2.6.18-194.8.1.el5	Yes	Yes	3.0.1-1 or later
	2.6.18-194.8.1.el5xen			
	2.6.18-194.11.4.el5	Yes	Yes	3.0.1-1 or later
	2.6.18-194.11.4.el5xen			
	2.6.18-194.17.1.el5	Yes	Yes	3.0.3-1 or later
	2.6.18-194.17.1.el5xen			
2.6.18-194.32.1.el5	Yes	Yes	3.0.3-1 or later	
2.6.18-194.32.1.el5xen				

Distribution	Kernel version	Replicator Replicator DR support	clpka,clpkhb support	EXPRESSCLUSTER Version
Red Hat Enterprise Linux 5 (update4)	2.6.18-164.el5	Yes	Yes	3.0.0-1 or later
	2.6.18-164.el5xen			
	2.6.18-164.6.1.el5			
	2.6.18-164.6.1.el5xen			
	2.6.18-164.9.1.el5			
	2.6.18-164.9.1.el5xen			
	2.6.18-164.11.1.el5			
	2.6.18-164.11.1.el5xen			
Red Hat Enterprise Linux 5 (update4)	2.6.18-164.15.1.el5	Yes	Yes	3.1.4-1 or later
	2.6.18-164.15.1.el5xen			
Red Hat Enterprise Linux 5 (update4)	2.6.18-164.38.1.el5	Yes	Yes	3.1.4-1 or later
	2.6.18-164.38.1.el5xen			
Asianux Server 7 (SP2)	3.10.0-693.2.2.el7.x86_64	Yes	Yes	3.3.5-2 or later
	3.10.0-862.2.3.el7.x86_64	Yes	Yes	3.3.5-1 [†] or later
	3.10.0-862.9.1.el7.x86_64	Yes	Yes	3.3.5-1 [†] or later
Asianux Server 7 (SP1)	3.10.0-327.3.1.el7.x86_64	Yes	Yes	3.3.3-1 or later
	3.10.0-327.13.1.el7.x86_64			
	3.10.0-327.28.3.el7.x86_64	Yes	Yes	3.3.4-1 or later
	3.10.0-327.36.2.el7.x86_64	Yes	Yes	3.3.5-1 or later
	3.10.0-514.6.1.el7.x86_64	Yes	Yes	3.3.5-1 or later
	3.10.0-514.26.2.el7.x86_64	Yes	Yes	3.3.5-1 [†] or later
Asianux Server 7	3.10.0-229.4.2.el7.x86_64	Yes	Yes	3.3.2-1 or later
	3.10.0-229.20.1.el7.x86_64	Yes	Yes	3.3.3-1 or later
Asianux Server 4 (SP7)	2.6.32-696.1.1.el6.x86_64	Yes	Yes	3.3.4-2 or later
	2.6.32-696.28.1.el6.x86_64	Yes	Yes	3.3.5-1 [†] or later
	2.6.32-754.2.1.el6.x86_64	Yes	Yes	3.3.5-1 [†] or later
Asianux Server 4 (SP6)	2.6.32-642.el6.x86_64	Yes	Yes	3.3.3-1 or later
	2.6.32-642.4.2.el6.x86_64	Yes	Yes	3.3.4-1 or later
Asianux Server 4 (SP5)	2.6.32-573.1.1.el6.x86_64	Yes	Yes	3.3.2-1 or later
	2.6.32-573.22.1.el6.x86_64	Yes	Yes	3.3.3-1 or later
Asianux Server 4 (SP4)	2.6.32-431.20.3.el6.x86_64	Yes	Yes	3.3.1-1 or later
	2.6.32-431.29.2.el6.x86_64	Yes	Yes	3.3.0-1 or later
	2.6.32-504.3.3.el6.x86_64	Yes	Yes	3.3.1-1 or later
	2.6.32-504.23.4.el6.x86_64	Yes	Yes	3.3.2-1 or later
Asianux Server 4 (SP3)	2.6.32-358.14.1.el6.x86_64	Yes	Yes	3.2.0-1 or later
	2.6.32-431.11.2.el6.x86_64	Yes	Yes	3.2.1-2 or later
	2.6.32-431.17.1.el6.x86_64			
Asianux Server 4 (SP2)	2.6.32-279.2.1.el6.x86_64	Yes	Yes	3.1.7-1 or later
	2.6.32-279.14.1.el6.x86_64	Yes	Yes	3.1.7-2 or later
	2.6.32-279.19.1.el6.x86_64	Yes	Yes	3.1.8-1 or later
	2.6.32-358.2.1.el6.x86_64	Yes	Yes	3.1.8-2 or later
	2.6.32-358.6.1.el6.x86_64			
	2.6.32-358.6.2.el6.x86_64	Yes	Yes	3.1.10-1 or later
2.6.32-358.11.1.el6.x86_64				
Asianux Server 4 (SP1)	2.6.32-131.12.1.el6.x86_64	Yes	Yes	3.1.3-1 or later
	2.6.32-220.13.1.el6.x86_64	Yes	Yes	3.1.4-1 or later
Asianux Server 4	2.6.32-71.7.1.el6.x86_64	Yes	Yes	3.0.4-1 or later
Asianux Server 3 (SP4)	2.6.18-238.2.AXS3	Yes	Yes	3.1.0-1 or later
	2.6.18-238.2.AXS3xen			
	2.6.18-308.1.AXS3	Yes	Yes	3.1.5-1 or later
	2.6.18-308.1.AXS3xen			
	2.6.18-308.7.AXS3	Yes	Yes	3.1.7-2 or later
	2.6.18-308.7.AXS3xen			
	2.6.18-348.1.AXS3	Yes	Yes	3.1.8-1 or later
	2.6.18-348.1.AXS3xen			
	2.6.18-348.4.AXS3	Yes	Yes	3.1.8-2 or later
	2.6.18-348.4.AXS3xen			
2.6.18-371.5.AXS3	Yes	Yes	3.3.0-1 or later	
2.6.18-371.5.AXS3xen				
2.6.18-398.1.AXS3				
Asianux Server 3 (SP4)	2.6.18-398.1.AXS3xen			

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Asianux Server 3 (SP3)	2.6.18-194.1.AXS3	Yes	Yes	3.0.0-1 or later
	2.6.18-194.1.AXS3xen			
	2.6.18-194.2.AXS3			
	2.6.18-194.2.AXS3xen	Yes	Yes	3.0.1-1 or later
	2.6.18-194.6.AXS3			
	2.6.18-194.6.AXS3xen	Yes	Yes	3.0.3-1 or later
2.6.18-194.9.AXS3				
2.6.18-194.9.AXS3xen				
Asianux Server 3 (SP2)	2.6.18-128.7AXS3	Yes	Yes	3.0.0-1 or later
Novell SUSE LINUX Enterprise Server 12 (SP1)	3.12.49-11.1-default	No	Yes	3.3.4-1
	3.12.49-11.1-xen	Yes	Yes	3.3.4-2 or later
	3.12.74-60.64.40.1-default	Yes	Yes	3.3.5-1 or later
	3.12.74-60.64.40.1-xen			
3.12.74-60.64.96.1-default	Yes	Yes	3.3.5-1 ¹¹ or later	
Novell SUSE LINUX Enterprise Server 11 (SP4)	3.0.101-63.1-default	Yes	Yes	3.3.3-1 or later
	3.0.101-63.1-xen			
	3.0.101-80.1-default	Yes	Yes	3.3.4-1 or later
	3.0.101-80.1-xen			
	3.0.101-100.1-default	Yes	Yes	3.3.5-1 or later
3.0.101-100.1-xen				
3.0.101-108.57.1-default	Yes	Yes	3.3.5-1 ¹¹ or later	
Novell SUSE LINUX Enterprise Server 11 (SP3)	3.0.76-0.11.1-default	Yes	Yes	3.2.0-1 or later
	3.0.76-0.11.1-xen			
	3.0.82-0.7.9-default			
	3.0.82-0.7.9-xen	Yes	Yes	3.3.0-1 or later
	3.0.101-0.40.1-default			
	3.0.101-0.40.1-xen	Yes	Yes	3.3.2-1 or later
	3.0.101-0.47.55.1-default			
	3.0.101-0.47.55.1-xen	Yes	Yes	3.3.3-1 or later
3.0.101-0.47.71.1-default				
3.0.101-0.47.71.1-xen				
Novell SUSE LINUX Enterprise Server 11 (SP2)	3.0.13.0-27-default	Yes	Yes	3.1.4-1 or later
	3.0.13.0-27-xen			
	3.0.34.0-7-default	Yes	Yes	3.1.5-1 or later
	3.0.34.0-7-xen			
	3.0.80.0-7-default	Yes	Yes	3.1.10-1 or later
	3.0.80.0-7-xen			
	3.0.101-0.7.17.1-default	Yes	Yes	3.3.0-1 or later
	3.0.101-0.7.17.1-xen			
3.0.101-0.7.29.1-default	Yes	Yes	3.3.2-1 or later	
3.0.101-0.7.29.1-xen				
Novell SUSE LINUX Enterprise Server 11 (SP1)	2.6.32.12-0.7-default	No	Yes	3.0.0-1 or later
	2.6.32.12-0.7-xen	Yes	Yes	3.0.2-1 or later
	2.6.32.19-0.3-default	No	Yes	3.0.1-1 or later
	2.6.32.19-0.3-xen	Yes	Yes	3.0.2-1 or later
	2.6.32.23-0.3-default	No	Yes	3.0.1-1 or later
	2.6.32.23-0.3-xen	Yes	Yes	3.0.2-1 or later
	2.6.32.49-0.3-default	Yes	Yes	3.1.3-1 or later
	2.6.32.49-0.3-xen			
2.6.32.59-0.7.1-default	Yes	Yes	3.3.0-1 or later	
2.6.32.59-0.7.1-xen				
Novell SUSE LINUX Enterprise Server 11	2.6.27.19-5-default	Yes	Yes	3.0.0-1 or later
	2.6.27.19-5-xen			
	2.6.27.48-0.12.1-default	Yes	Yes	3.0.1-1 or later
	2.6.27.48-0.12.1-xen			
2.6.27.54-0.2.1-default	Yes	Yes	3.3.0-1 or later	
2.6.27.54-0.2.1-xen				

Distribution	Kernel version	Replicator Replicator DR support	clpka,clpkhb support	EXPRESSCLUSTER Version	
Novell SUSE LINUX Enterprise Server 10 (SP4)	2.6.16.60-0.85.1-default 2.6.16.60-0.85.1-smp 2.6.16.60-0.85.1-xen	Yes	Yes	3.0.4-1 or later	
	2.6.16.60-0.91.1-default 2.6.16.60-0.91.1-smp 2.6.16.60-0.91.1-xen	Yes	Yes	3.1.3-1 or later	
	2.6.16.60-0.93.1-default 2.6.16.60-0.93.1-smp 2.6.16.60-0.93.1-xen	Yes	Yes	3.1.4-1 or later	
	2.6.16.60-0.97.1-default 2.6.16.60-0.97.1-smp 2.6.16.60-0.97.1-xen	Yes	Yes	3.1.5-1 or later	
	2.6.16.60-0.103.1-default 2.6.16.60-0.103.1-smp 2.6.16.60-0.103.1-xen	Yes	Yes	3.3.0-1 or later	
	2.6.16.60-0.132.1-default 2.6.16.60-0.132.1-smp 2.6.16.60-0.132.1-xen	Yes	Yes	3.3.2-1 or later	
	Novell SUSE LINUX Enterprise Server 10 (SP3)	2.6.16.60-0.54.5-default 2.6.16.60-0.54.5-smp 2.6.16.60-0.54.5-xen	Yes	Yes	3.0.0-1 or later
		2.6.16.60-0.69.1-default 2.6.16.60-0.69.1-smp 2.6.16.60-0.69.1-xen	Yes	Yes	3.0.1-1 to 3.0.3-1, 3.1.0-1 or later
2.6.16.60-0.83.2-default 2.6.16.60-0.83.2-smp 2.6.16.60-0.83.2-xen		Yes	Yes	3.1.4-1 or later	
Novell SUSE LINUX Enterprise Server 10 (SP2)		2.6.16.60-0.21-default 2.6.16.60-0.21-smp 2.6.16.60-0.21-xen	Yes	Yes	3.0.0-1 or later
	2.6.16.60-0.42.10-default 2.6.16.60-0.42.10-smp 2.6.16.60-0.42.10-xen	Yes	Yes	3.3.0-1 or later	
	Oracle Linux 7.3 UEK4	4.1.12-61.1.28.el7uek.x86_64	No	Yes	3.3.4-2 or later
Oracle Linux 6.6	2.6.39-400.211.1.el6uek.x86_64	Yes	Yes	3.3.3-1 or later	
Oracle Linux 6.4	2.6.39-400.17.1.el6uek.x86_64	Yes	Yes	3.1.10-1 or later	
	2.6.39-400.109.5.el6uek.x86_64				
	2.6.39-400.211.1.el6uek.x86_64	Yes	Yes	3.2.0-1 or later	
Oracle Linux 6.2	2.6.39-200.29.1.el6uek.x86_64	Yes	Yes	3.1.5-1 or later	
Oracle Enterprise Linux 5 (5.5)	2.6.18-194.el5 2.6.18-194.el5xen	Yes	Yes	3.0.0-1 or later	
VMware ESX 4.1 (update1)	2.6.18-194.ESX	No	Yes	3.0.3-1 or later	
VMware ESX 4.1	2.6.18-164.ESX	No	Yes	3.0.0-1 or later	
VMware ESX 4.0 (update1)	2.6.18-128.ESX	No	Yes	3.0.0-1 or later	
VMware ESX 4.0					
Ubuntu 14.04 LTS	3.13.0-24-generic	Yes	Yes	3.3.0-1 or later	

*1 It is necessary to apply an update module published on the NEC support portal.