

# VxRail Support Matrix – G410

VxRail G410 Series appliance

VxRail Engineering  
June 2021

## Notes, cautions, and warnings



**NOTE:** A note indicates important information that helps you make better use of your computer.



**CAUTION:** A caution indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.



**Warning:** A warning indicates a potential for property damage, personal injury, or death.

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# 1 Edit History

Version	Date	Description
A20	23-Jun-21	Added 4.5.460 ESXi 6.5 P06, 4.5.461 ESXi 6.5 P06 Added 4.7.527 ESXi 6.7 EP18, 4.7.530 ESXi 6.7 P05, 4.7.531 ESXi 6.7 P05
A19	17-Dec-20	Added 4.7.526 (SUSE updates and security fixes)
A18	11-Dec-20	Added 4.7.525 ESXi 6.7 P04 Added 4.5.452 ESXi 6.5 EP23
A17	18-Nov-20	Added 4.7.521 ESXi 6.7 EP17
A16	30-Oct-20	Added 4.7.520 ESXi 6.7 EP16 Added 4.5.451 ESXi 6.5 EP21
A15	4-Sep-20	Added 4.7.515 ESXi P03
A14	13-Aug-20	Added 4.5.422 ESXi EP20, 4.5.450 ESXi P05 New BIOS (3B13) and BMC (3.81) added to 4.5.450
A13	23-Jul-20	Removed 7.0.000 – not supported on G410
A12	15-Jul-20	Added 4.7.411 ESXi EP14, 4.7.510 ESXi P02, 4.7.511 ESXi EP15 Added 7.0.000
A11	5-Mar-20	Added 4.0.603 ESXi EP25
A10	10-Jan-20	Added 4.5.420 ESXi P04
A9	19-Dec-19	Added 4.0.523, 4.0.600, 4.0.601, 4.0.602 Added 4.5.401, 4.5.402 Added 4.7.300, 4.7.301, 4.7.410
A8	6-Aug-19	Added 4.5.310, 4.5.311, 4.5.314, 4.5.400 Added 4.7.110, 4.7.111, 4.7.200, 4.7.211, 4.7.212
A7	22-Jan-19	Added 4.7.100 ESXi 6.7 EP6
A6	18-Dec-18	Added 4.5.300 ESXi 6.5 P03
A5	6-Dec-18	Added 4.7.001
A4	16-Nov-18	Added 4.7.000 ESXi 6.7 EP5
A3	14-Nov-18	Added 4.0.522 ESXi 6.0 EP19 Added 4.5.229 ESXi 6.5 EP11
A2	5-Nov-18	Added 4.5.521 ESXi 6.0 EP18 – vSAN update Added 4.5.227 ESXi 6.5 EP10 – vSAN update
A1	12-Oct-18	Initial Creation - G410 Platform 4.0.523

## 2 Introduction

This document provides information about supported software, firmware, and hardware versions for the VxRail appliance

NOTE: This Support Matrix contains the latest compatibility and interoperability information. If you observe inconsistencies between this information and other VxRail appliance documentation or references, this document supersedes all other documentation.

## 3 References

Useful links are listed here.

1. ESSM (DellEMC Simple Support Matrix) for Dell EMC VxRail  
[https://elabnavigator.emc.com/vault/pdf/EMC\\_VXRAIL\\_APPLIANCE.pdf?key=1579710902988](https://elabnavigator.emc.com/vault/pdf/EMC_VXRAIL_APPLIANCE.pdf?key=1579710902988)

2. VxRail Support Matrices

Document	Location
VxRail G410 Support Matrix	<a href="https://support.emc.com/docu91492">https://support.emc.com/docu91492</a>
VxRail 4.0.x Support Matrix	<a href="https://support.emc.com/docu97640">https://support.emc.com/docu97640</a>
VxRail 4.5.x Support Matrix	<a href="https://support.emc.com/docu97737">https://support.emc.com/docu97737</a>
VxRail 4.7.x Support Matrix	<a href="https://support.emc.com/docu97738">https://support.emc.com/docu97738</a>
VxRail 7.x Support Matrix	<a href="https://support.emc.com/docu97739">https://support.emc.com/docu97739</a>
VxRail E, G, P, S, V Series Support Matrix (Original)	<a href="https://support.emc.com/docu82227">https://support.emc.com/docu82227</a>

3. VxRail Appliance Release Notes

Document	Location
VxRail Appliance Software 4.0.x Release Notes	<a href="https://support.emc.com/docu80740">https://support.emc.com/docu80740</a>
VxRail Appliance Software 4.5.x Release Notes	<a href="https://support.emc.com/docu86659">https://support.emc.com/docu86659</a>
VxRail Appliance Software 4.7.x Release Notes	<a href="https://support.emc.com/docu91467">https://support.emc.com/docu91467</a>
VxRail Appliance Software 7.0.x Release Notes	<a href="https://support.emc.com/docu98130">https://support.emc.com/docu98130</a>

4. Statements of Volatility

Document	Publication date	Location
VxRail D560/D560F Statement of Volatility	6/23/2020	<a href="https://support.emc.com/docu99200">https://support.emc.com/docu99200</a>
VxRail E560/E560F/E560N Statement of Volatility	2/24/2020	<a href="https://support.emc.com/docu97449">https://support.emc.com/docu97449</a>
VxRail E665/E665F/E665N Statement of Volatility	6/23/2020	<a href="https://support.emc.com/docu99182">https://support.emc.com/docu99182</a>
VxRail G560/G560F Statement of Volatility	12/17/2019	<a href="https://support.emc.com/docu89621">https://support.emc.com/docu89621</a>
VxRail P570/S570/V570 Statement of Volatility	7/10/2020	<a href="https://support.emc.com/docu99439">https://support.emc.com/docu99439</a>
VxRail P580N Statement of Volatility	12/10/2019	<a href="https://support.emc.com/docu96826">https://support.emc.com/docu96826</a>

5. Legends

- **New Drives/Components/Updates for this release**
- **EOL**
- WI = Write Intensive
- MU = Mixed Use
- RI = Read Intensive

## 4 VxRail rules

This section contains consideration rules when using VxRail appliances.

Table 1 VxRail appliance rules

Information	Description
Minimum number of VxRail nodes in a cluster <b>Exception:</b> specific 2-node vSAN configurations with a witness <b>Exception:</b> For 4.0.x and 4.5.x releases below 4.5.150; the first four (4) nodes of any cluster must be homogeneous, and the configurations must match	3
Maximum number of VxRail nodes in a cluster: For releases before 4.0.400/4.5.101/4.7.000, any configuration greater than 32 nodes will require a request for product qualification (RPQ)	64
All nodes in a cluster must run the same version of VxRail software	✓
Hybrid and All-Flash nodes cannot be mixed in the same cluster	✓
Maximum of 8 nodes when only using a 1 GbE network	✓
10GbE and 1GbE networks cannot both be used for VSAN traffic	✓
10GbE and 25GbE networks cannot both be used for VSAN traffic	✓

## 5 Supported appliance configurations

Table 2 Supported appliance configurations

Model	Configuration	Chassis
VxRail G410	Hybrid	24 x 2.5" drive slots
VxRail G410F	All Flash	24 x 2.5" drive slots

## 6 VxRail with ESXi 6.0 supported firmware and drivers

The following nomenclature means that multiple versions of the FW (as in the BMC listing for 3.5) or the FW/Driver pair (as in the NICs for 4.5.070) are valid for that specific release.

<b>BMC</b>	23.42 (6G)	23.44 (12G)
<b>CMC</b>	3.31 (6G)	3.37 (12G)

<b>82599</b>	<b>FW</b>	PXE: 2.3.24	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1

### 6.1 3.5 / 6.0 U2

Table 3 Component firmware and drivers – G410

<b>ESXi</b>	<b>6.0 U2</b>	
<b>vSAN</b>	6.2	
<b>VxRail</b>	3.5	
<b>BIOS</b>		
	3A19	
<b>HBA 3008</b>	<b>FW</b>	9.00.00.00
	<b>Driver</b>	06.255.12.00
<b>NDC and NICs</b>		
<b>Intel i350</b>	<b>FW</b>	1.5.50
	<b>Driver</b>	5.0.5.1.1
<b>82599</b>	<b>FW</b>	PXE: 2.3.24
	<b>Driver</b>	3.21.4.3
<b>Intel X540</b>	<b>FW</b>	PXE: 2.3.11
	<b>Driver</b>	3.21.4.3
<b>BMC</b>	23.42 (6G)	23.44 (12G)
<b>CMC</b>	3.31 (6G)	3.37 (12G)

<b>Software Item</b>	<b>Version</b>
VxRail Manager	3.5 3936871
ESRS	3.16 (v2)
Log Insight	3.3.1-3644329
vCenter	6.0.0-3634788 (U2)
ESXI	6.0.0-3620759 (U2)
Platform Service	



## 6.2 4.0.100 / 6.0 P03 → 4.0.302 / 6.0 EP11

ESXi		6.0 P03	6.0 U3	6.0 EP07a	6.0 EP11
vSAN		6.2	6.2	6.2	6.2
VxRail		4.0.100	4.0.132	4.0.200	4.0.302
BIOS		3B08.01			
HBA 3008	FW	9.00.00.00			
	Driver	06.255.12.00			
NDC and NICs					
Intel i350	FW	1.5.50			
	Driver	5.0.5.1.1			
82599	FW	PXE: 2.3.24			
	Driver	3.21.4.3			
Intel X540	FW	PXE: 2.3.11			
	Driver	3.21.4.3			
BMC		23.44 (12G)			
CMC		3.37 (12G)			

Software Item	Version			
	4.0	4.0.132	4.0.200	4.0.302
VxRail Manager	4.0	4.0.132	4.0.200	4.0.302
ESRS	3.16 (v2)	3.16 (v2)	3.16 (v2)	3.20
Log Insight	3.3.1-3644329	3.3.1-3644329	3.3.1-3644329	3.3.1-3644329
vCenter	6.0.0-3634788 (U2P3)	6.0.0-5112509 (U3)	6.0.0-5183552 (U3a)	6.0.0-5318203 (U3b)
ESXI	6.0.0-4192238 (U2P3)	6.0.0-5050593 (U3)	6.0.0-5224934 (U3a)	6.0.0-5572656 (EP11)
Platform Service				

## 6.3 4.0.310 / 6.0 P05 / → 4.0.402 / 6.0 EP11

ESXi		6.0 P05	6.0 U3	6.0 EP07a	6.0 EP11
vSAN		6.2	6.2	6.2	6.2
VxRail		4.0.310	4.0.400	4.0.401	4.0.402
BIOS		3B09.01	3B08.01		
			3B09.01		
HBA 3008	FW	9.00.00.00			
	Driver	06.255.12.00			
NDC and NICs					
Intel i350	FW	1.5.50			
	Driver	5.0.5.1.1			
82599	FW	PXE: 2.3.24			
	Driver	3.21.4.3			
Intel X540	FW	PXE: 2.3.11			
	Driver	3.21.4.3			
BMC		23.44 (12G)			
CMC		3.37 (12G)			

Software Item	Version			
VxRail Manager	4.0.310	4.0.400	4.0.401 7673556	4.0.402 8119831
ESRS	3.20 (v3)	3.24	3.24.0004	3.24.0004
Log Insight	3.3.1-3644329	4.3.0-5084751	4.3.0-5084751	4.3.0-5084751
vCenter	6.0.0-5318203 (U3b)	6.0-7037393 (U3c)	6.0-7462485 (U3d)	6.0-7924804 (U3e)
ESXI	6.0.0-5572656 (P05)	6.0-6921384 (P06)	6.0-6921384 (P06)	6.0-7967664 (EP13)
Platform Service	1.0.0-60	1.0.0-60	4.0.401	4.0.402

## 6.4 4.0.500 / 6.0 EP14 → 4.0.522 / 6.0 EP19

ESXi		6.0 EP14	6.0 P07	6.0 EP15	6.0 EP18	6.0 EP19
vSAN		6.2	6.2	6.2	6.2 EP18	6.2 EP19
VxRail		4.0.500	4.0.510	4.0.520	4.0.521	4.0.522
BIOS		3B08.01				
		3B09.01				
HBA 3008	FW	9.00.00.00				
	Driver	06.255.12.00				
NDC and NICs						
Intel i350	FW	1.5.50				
	Driver	5.0.5.1.1				
82599	FW	PXE: 2.3.24				
	Driver	3.21.4.3				
Intel X540	FW	PXE: 2.3.11				
	Driver	3.21.4.3				
BMC		23.44 (12G)				
CMC		3.37 (12G)				

Software Item	Version				
VxRail Manager	4.0.500 8993084	4.0.510 9391850	4.0.520 9821414	4.0.521 10643947	4.0.522 10765344
ESRS	3.24.0004	3.24.0004	3.24.0004	3.24.0004	3.24.0004
Log Insight	4.3.0-5084751	4.3.0-5084751	4.3.0-5084751	4.3.0-5084751	4.3.0-5084751
vCenter	6.0-8803875 (U3f)	6.0-9146216 (U3g)	6.0-9291058 (U3h)	6.0-9291058 (U3h)	6.0-9291058 (U3h)
ESXI	6.0-8934903 (EP14)	6.0-9239799 (P07)	6.0-9313334 (EP15)	6.0-10474991 (EP18)	6.0-10719132 (EP19)
Platform Service	4.0.500	4.0.510	4.0.520	4.0.521	4.0.522

## 6.5 4.0.523 / 6.0 EP20 → 4.0.602 / 6.0 EP23 / 4.0.602

<b>ESXi</b>		<b>6.0 EP20</b>	<b>6.0 EP21</b>	<b>6.0 EP20</b>	<b>6.0 EP22</b>	<b>6.0 EP23</b>
<b>vSAN</b>		6.2 EP20	6.2 P21	6.2 P8	6.2 P8	6.2 EP23
<b>VxRail</b>		4.0.523	4.0.524	4.0.600	4.0.601	4.0.602
<b>BIOS</b>		3B08.01				
		3B09.01				
		3B11.01				
<b>HBA 3008</b>	<b>FW</b>	9.00.00.00				
	<b>Driver</b>	06.255.12.00				
<b>NDC and NICs</b>						
<b>Intel i350</b>	<b>FW</b>	1.5.50				
	<b>Driver</b>	5.0.5.1.1 (inbox)				
<b>82599</b>	<b>FW</b>	PXE: 2.3.24				
	<b>Driver</b>	3.21.4.3				
<b>Intel X540</b>	<b>FW</b>	PXE: 2.3.11				
	<b>Driver</b>	3.21.4.3				
<b>BMC</b>		23.44 (12G)				
<b>CMC</b>		3.37 (12G)				

<b>Software Item</b>	<b>Version</b>				
VxRail Manager	4.0.523 13049050	4.0.524 13820119	4.0.600 14951533	4.0.601 15102651	4.0.602 15266364
ESRS	3.24.0004	3.24.0004	3.24.0004	3.24.0004	3.24.0004
Log Insight	4.3.0-5084751	4.3.0-5084751	4.3.0-5084751	4.3.0-5084751	4.3.0-5084751
vCenter	6.0-9291058 (U3h)	6.0-13638471 (U3i)	6.0-14510547 (U3j)	6.0-14510547 (U3j)	6.0-14510547 (U3j)
ESXi	6.0-13003896 (EP20)	6.0-13635687 (EP21)	6.0-14513180 (P08)	6.0-15018929 (EP22)	6.0-15169789 (EP23)
Platform Service	4.0.523	4.0.524	4.0.600	4.0.601	4.0.602

## 6.6 6.0 4.0.603 / EP25

<b>ESXi</b>		<b>6.0 EP25</b>
<b>vSAN</b>		6.2 EP25
<b>VxRail</b>		4.0.603
<b>BIOS</b>		3B08.01
		3B09.01
		3B11.01
<b>HBA 3008</b>	<b>FW</b>	9.00.00.00
	<b>Driver</b>	06.255.12.00
<b>NDC and NICs</b>		
<b>Intel i350</b>	<b>FW</b>	1.5.50
	<b>Driver</b>	5.0.5.1.1 (inbox)
<b>82599</b>	<b>FW</b>	PXE: 2.3.24
	<b>Driver</b>	3.21.4.3
<b>Intel X540</b>	<b>FW</b>	PXE: 2.3.11
	<b>Driver</b>	3.21.4.3
<b>BMC</b>		23.44 (12G)
<b>CMC</b>		3.37 (12G)

<b>Software Item</b>	<b>Version</b>
VxRail Manager	4.0.603 15688117
ESRS	3.24.0004
Log Insight	4.3.0-5084751
vCenter	6.0-14510547 (U3j)
ESXi	6.0-15517548 (EP23)
Platform Service	4.0.603

## 7 VxRail with ESXi 6.5 supported firmware and drivers

### 7.1 4.5.070 / 6.5 EP04 / → 4.5.200 / 6.5 P02

Table 4 Component firmware and drivers – G410

ESXi		6.5 EP04		6.5 P02		6.5 EP06		6.5 P02
vSAN		6.6		6.6		6.6		6.6
VxRail		4.5.070		4.5.150		4.5.152		4.5.200
<b>BIOS</b>	<b>FW</b>	3B09.01						
HBA 3008	<b>FW</b>	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	14.00.00.00
	<b>Driver</b>	15.00.00.00	15.00.00.00	15.00.00.00	15.00.00.00	15.00.00.00	15.00.00.00	15.00.00.00
<b>NDC and NICs</b>								
Intel i350	<b>FW</b>	1.5.50						
	<b>Driver</b>	(inbox)						
82599	<b>FW</b>	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	4.5.1
Intel X540	<b>FW</b>	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	4.5.1
<b>BMC</b>		23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.52 (12G)
<b>CMC</b>		3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.41 (12G)

Software Item	Version			
VxRail Manager	4.5.070	4.5.150	4.5.152-8119832	4.5.200-7769313
ESRS	3.20	3.24.0004	3.24.0004	3.24.0004
Log Insight	4.3.0-5084751	4.3.0-5084751	4.3.0-5084751	4.3.0-5084751
vCenter	6.5.0-6671409 (U1A)	6.5.0-7515524 (U1e)	6.5 U1g 8024368	6.5 EP5 7515524
ESXI	6.5.0-6765664 (EP04)	6.5.0-7388607 (P02)	6.5 EP06 7967591	6.5 P02 7388607
Platform Service	1.0.0-60	4.5.150	4.5.152	4.5.200-7769313

## 7.2 4.5.210 / 6.5 U2 / → 4.5.215 / 6.5 EP07

ESXi		6.5 U2		6.5 U2		6.5 EP07		6.5 EP07	
vSAN		6.6.1		6.6.1 U2		6.6.1 U2		6.6.1 U2	
VxRail		4.5.210		4.5.211		4.5.212		4.5.215	
<b>BIOS</b>	<b>FW</b>	3B09.01							
<b>HBA 3008</b>	<b>FW</b>	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00
	<b>Driver</b>	15.00.00.00	15.00.00.00	15.00.00.00	15.00.00.00	15.00.00.00	15.00.00.00	17.00.00.00	17.00.00.00
<b>NDC and NICs</b>									
<b>Intel i350</b>	<b>FW</b>	1.5.50							
	<b>Driver</b>	(inbox)							
<b>82599</b>	<b>FW</b>	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
<b>Intel X540</b>	<b>FW</b>	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
<b>BMC</b>		23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)
<b>CMC</b>		3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)

<b>Software Item</b>	<b>Version</b>			
VxRail Manager	4.5.210 8392085	4.5.211 8667744	4.5.212 8993024	4.5.215 8993685
ESRS	3.24.0004	3.24.0004	3.24.0004	3.28
Log Insight	4.3.0 5084751	4.3.0 5084751	4.3.0 5084751	4.6.0 8080673
vCenter	6.5 U2 8307201	6.5 U2 8307201	6.5 U2b 8815520	6.5 U2b 8815520
ESXI	6.5 U2 8294253	6.5 U2 8294253	6.5 EP07 8935087	6.5 EP07 8935087
Platform Service	4.5.210 8372442	4.5.211 8667744	4.5.212	4.5.215

## 7.3 4.5.218 / 6.5 EP8 → 4.5.229 / 6.5 EP11

ESXi		6.5 EP8		6.5 EP9		6.5 EP10		6.5 EP11	
vSAN		6.6.1 EP8		6.6.1 EP9		6.6.1 EP10		6.6.1 EP11	
VxRail		4.5.218		4.5.225		4.5.227		4.5.229	
<b>BIOS</b>	<b>FW</b>	3B09.01							
<b>HBA 3008</b>	<b>FW</b>	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00
	<b>Driver</b>	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00
<b>NDC and NICs</b>									
<b>Intel i350</b>	<b>FW</b>	1.5.50							
	<b>Driver</b>	(inbox)							
<b>82599</b>	<b>FW</b>	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
<b>Intel X540</b>	<b>FW</b>	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
<b>BMC</b>		23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)
<b>CMC</b>		3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)

<b>Software Item</b>	<b>Version</b>			
VxRail Manager	4.5.218 9630255	4.5.225 10233139	4.5.227 10635363	4.5.229 10764993
ESRS	3.28.00.06	3.28.00.06	3.28.00.06	3.28.00.06
Log Insight	4.6.0 8080673	4.6.0 8080673	4.6.0 8080673	4.6.0 8080673
vCenter	6.5 U2c 9451637	6.5 U2c 9451637	6.5 U2c 9451637	6.5 U2c 9451637
ESXI	6.5 EP8 9298722	6.5 EP9 10175896	6.5 EP10 10390116	6.5 EP11 10719125
Platform Service	4.5.218	4.5.225	4.5.227	4.5.229



## 7.4 4.5.300 / 6.5 P03 → 4.5.314 / 6.5 EP14

ESXi		6.5 P03		6.5 P03		6.5 EP13		6.5 EP14	
vSAN		6.6.1 EP8		6.6.1 P03		6.6.1 EP13		6.6.1 EP14	
VxRail		4.5.300		4.5.310		4.5.311		4.5.314	
<b>BIOS</b>	<b>FW</b>	3B09.01							
<b>HBA 3008</b>	<b>FW</b>	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00
	<b>Driver</b>	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00
<b>NDC and NICs</b>									
<b>Intel i350</b>	<b>FW</b>	1.5.50							
	<b>Driver</b>	(inbox)							
<b>82599</b>	<b>FW</b>	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
<b>Intel X540</b>	<b>FW</b>	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
<b>BMC</b>		23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)
<b>CMC</b>		3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)

<b>Software Item</b>	<b>Version</b>			
VxRail Manager	4.5.300 11239488	4.5.310 12663036	4.5.311 13066667	4.5.314 13819948
ESRS	3.28.00.06	3.28.0006	3.28.0006	3.28.0006
Log Insight	4.6.0 8080673	4.6.0 8080673	4.6.0 8080673	4.6.0 8080673
vCenter	6.5 P03 10964411	6.5 P03 10964411	6.5 U2d	6.5 U2g 13638625
ESXI	6.5 P03 10884925	6.5 P03 10884925	6.5 EP13 13004031	6.5 EP14 13635690
Platform Service	4.5.300	4.5.310	4.5.311	4.5.314

## 7.5 4.5.400 / 6.5 U3 → 4.5.420 / 6.5 P04

ESXi		6.5 U3		6.5 EP17		6.5 EP18		6.5 P04	
vSAN		6.6.1 EP14		6.6.1 (EP16)		6.6.1 EP18		6.6.1 P04	
VxRail		4.5.400		4.5.401		4.5.402		4.5.420	
BIOS	FW	3B09.01 / 3B11.01*		3B09.01 / 3B11.01*		3B09.01 / 3B11.01*		3B09.01 / 3B11.01*	
HBA 3008	FW	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00
	Driver	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00
NDC and NICs									
Intel i350	FW	1.5.50		1.5.50		1.5.50		1.5.50	
	Driver	(inbox)		(inbox)		(inbox)		(inbox)	
82599	FW	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46
	Driver	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
Intel X540	FW	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46
	Driver	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
BMC		23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)
CMC		3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)

Software Item	Version			
VxRail Manager	4.5.400 14097253	4.5.401 15195796	4.5.402 15266363	4.5.420 15404558
ESRS	3.36.00.10	3.36.00.10	3.36.00.10	3.36.00.10
Log Insight	4.8.0 13036238	4.8.0 13036238	4.8.0 13036238	4.8.0 13036238
vCenter	6.5 U3 14020092	6.5 U3d 14836121	6.5 U3d 14836121	6.5 U3f 15259038
ESXI	6.5 U3 13932383	6.5 EP17 14990892	6.5 EP18 15177306	6.5 EP04 15256549
Platform Service	4.5.400	4.5.401	4.5.402	4.5.420

\* Requires a manual upgrade

## 7.6 4.5.422 / 6.5 EP20 → 4.5.452 / 6.5 EP23

ESXi		6.5 EP20		6.5 P05		6.5 EP21		6.5 EP23	
vSAN		6.6.1 EP20		6.6.1 P05		6.6.1 P05		6.6.1 P05	
VxRail		4.5.422		4.5.450		4.5.451		4.5.452	
BIOS	FW	3B09.01, 3B11.01*		3B09.01,3B11.01*, 3B13*		3B09.01,3B11.01*, 3B13*		3B09.01,3B11.01*, 3B13*	
HBA 3008	FW	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00
	Driver	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00
NDC and NICs									
Intel i350	FW	1.5.50		1.5.50		1.5.50		1.5.50	
	Driver	(inbox)		(inbox)		(inbox)		(inbox)	
82599	FW	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46
	Driver	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
Intel X540	FW	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46
	Driver	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
BMC		23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52, 3.81 (12G)	23.44 (12G)	23.52, 3.81 (12G)	23.44 (12G)	23.52, 3.81 (12G)
CMC		3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)

Software Item	Version			
VxRail Software	4.5.422 16447729	4.5.450 16680880	4.5.451 17043308	4.5.452 17226814
ESRS	3.36.00.10	3.44.00.08	3.44.00.08	3.44.00.08
Log Insight	4.8.0 13036238	8.1.1.0 16281169	8.1.1.0 16281169	8.1.1.0 16281169
vCenter	6.5 U3f 15259038	6.5 U3k 16613358	6.5 U3k 16613358	6.5 U3k 16613358
ESXI	6.5 EP20 16389870	6.5 P05 16576891	6.5 EP21 16901156	6.5 EP23 17167537
VxRail Manager	4.5.422 16447728	4.5.450 16680879	4.5.451 17043307	4.5.452 17226813

\* Requires a manual upgrade

## 7.7 4.5.460 / 6.5 P06 → 4.5.461 / 6.5 P06

<b>ESXi</b>		<b>6.5 P06</b>		<b>6.5 P06</b>	
<b>vSAN</b>		<b>6.6.1 P06</b>		<b>6.6.1 P06</b>	
<b>VxRail</b>		<b>4.5.460</b>		<b>4.5.461</b>	
<b>BIOS</b>	<b>FW</b>	3B09.01,3B11.01*, 3B13*		3B09.01,3B11.01*, 3B13*	
<b>HBA 3008</b>	<b>FW</b>	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00
	<b>Driver</b>	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00
<b>NDC and NICs</b>					
<b>Intel i350</b>	<b>FW</b>	1.5.50		1.5.50	
	<b>Driver</b>	(inbox)		(inbox)	
<b>82599</b>	<b>FW</b>	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1	3.21.4.3	4.5.1
<b>Intel X540</b>	<b>FW</b>	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1	3.21.4.3	4.5.1
<b>BMC</b>		23.44 (12G)	23.52, 3.81 (12G)	23.44 (12G)	23.52, 3.81 (12G)
<b>CMC</b>		3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)

<b>Software Item</b>	<b>Version</b>	
VxRail Software	<b>4.5.460 17632939</b>	<b>4.5.461 18080456</b>
ESRS	<b>3.48.00.04</b>	<b>3.48.00.04</b>
Log Insight	8.1.1.0 16281169	8.1.1.0 16281169
vCenter	<b>6.5 U3n 17590285</b>	<b>6.5 U3p 17994927</b>
ESXI	<b>6.5 P06 17477841</b>	<b>6.5 P06 17477841</b>
VxRail Manager	<b>4.5.460 17632938</b>	<b>4.5.461 18080455</b>

\* Requires a manual upgrade

## 8 VxRail with ESXi 6.7 supported firmware and drivers

### 8.1 4.7.000 / 6.7 EP5 → 4.7.100 / 6.7 EP7

ESXi		6.7 EP5		6.7 EP5		6.7 EP6		6.7 EP6	
vSAN		6.7 U1		6.7 U1		6.7 U1		6.7 U1	
VxRail		4.7.000		4.7.001		4.7.100		4.7.110	
<b>BIOS</b>	<b>FW</b>	3B09.01							
HBA 3008	<b>FW</b>	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00
	<b>Driver</b>	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00
<b>NDC and NICs</b>									
Intel i350	<b>FW</b>	1.5.50							
	<b>Driver</b>	5.0.5.1.1							
82599	<b>FW</b>	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
Intel X540	<b>FW</b>	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
<b>BMC</b>		23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)
<b>CMC</b>		3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)

Software Item	Version			
VxRail Manager	4.7.000 10825282	4.7.001 11073036	4.7.100 11859440	4.7.111 13048811
ESRS	3.28.00.06	3.28.00.06	3.28.00.06	3.28.0006
Log Insight	4.6.0 8080673	4.6.0 8080673	4.6.0 8080673	4.6.0 8080673
vCenter	6.7 10244745	6.7 10244745	6.7 11726888	6.7 U1b 11726888
ESXI	6.7 EP5 10764712	6.7 EP5 10764712	6.7 EP6 11675023	6.7 EP7 13004448
Platform Service	4.7.000	4.7.001	4.7.100	4.7.111

## 8.2 4.7.111 / 6.7 EP07 → 4.7.212 / 6.7 EP10

ESXi		6.7 EP7		6.7 U2		6.7 EP09		6.7 EP10	
vSAN		6.7 EP07		6.7 U2		6.7 EP09		6.7 EP10	
VxRail		4.7.111		4.7.200		4.7.211		4.7.212	
BIOS	FW	3B09.01							
HBA 3008	FW	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00
	Driver	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00
NDC and NICs									
Intel i350	FW	1.5.50							
	Driver	5.0.5.1.1							
82599	FW	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46
	Driver	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
Intel X540	FW	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46
	Driver	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
BMC		23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)
CMC		3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)

Software Item	Version			
VxRail Manager	4.7.111 13048811	4.7.200 13531218	4.7.211 13893929	4.7.212 14215560
ESRS	3.28.0006	3.28.0006	3.28.0006	3.28.0006
Log Insight	4.6.0 8080673	4.6.0 8080673	4.6.0 8080673	4.6.0 8080673
vCenter	6.7 U1b 11726888	6.7 U2 13010631	6.7 U2a 13643870	6.7 U2c 14070457
ESXI	6.7 EP7 13004448	6.7 U2 13006603	6.7 EP09 13644319	6.7 EP10 13981272
Platform Service	4.7.111	4.7.200	4.7.211	4.7.212

## 8.3 4.7.300 / 6.7 U3 → 4.7.411 / EP14

ESXi		6.7 U3		6.7 EP13		6.7 P01		6.7 EP14	
vSAN		6.7 U3		6.7 U3		6.7 P01		6.7 EP14	
VxRail		4.7.300		4.7.301		4.7.410		4.7.411	
BIOS	FW	3B09.01	3B11.01	3B09.01	3B11.01	3B09.01	3B11.01	3B09.01	3B11.01
HBA 3008	FW	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00
	Driver	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00
NDC and NICs									
Intel i350	FW	1.5.50							
	Driver	inbox							
82599	FW	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46
	Driver	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
Intel X540	FW	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46
	Driver	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
BMC		23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)
CMC		3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)

Software Item	Version			
VxRail Manager	4.7.300 14450150	4.7.301 15195814	4.7.410 26262335	4.7.411 26446498
ESRS	3.28.0006	3.28.0006	3.28.0006	3.28.0006
Log Insight	4.8.0 13036238	4.8.0 13036238	4.8.0 13036238	4.8.0 13036238
vCenter	6.7 U3 14367737	6.7 U3a 14836122	6.7 U3b 15132721	6.7 U3f 15976714
ESXI	6.7 U3 14320388	6.7 EP13 15018017	6.7 P01 15160138	6.7 EP14 15820472
Platform Service	4.7.300	4.7.301	4.7.410	4.7.411

## 8.4 4.7.510 / 6.7 P02 → 4.7.520 / 6.7 EP16

ESXi		6.7 P02		6.7 EP15		6.7 P03		6.7 EP16	
vSAN		6.7 P02		6.7 P02		6.7 P03		6.7 P03	
VxRail		4.7.510		4.7.511		4.7.515		4.7.520	
<b>BIOS</b>	<b>FW</b>	3B09.01	3B11.01	3B09.01	3B11.01	3B09.01,3B11.01*, 3B13*		3B09.01,3B11.01*, 3B13*	
<b>HBA 3008</b>	<b>FW</b>	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00
	<b>Driver</b>	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00
<b>NDC and NICs</b>									
<b>Intel i350</b>	<b>FW</b>	1.5.50				1.5.50			
	<b>Driver</b>	inbox				inbox			
<b>82599</b>	<b>FW</b>	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
<b>Intel X540</b>	<b>FW</b>	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
<b>BMC</b>		23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52 (12G)	23.44 (12G)	23.52, 3.81 (12G)	23.44 (12G)	23.52, 3.81 (12G)
<b>CMC</b>		3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)

Software Item	Version			
<b>VxRail Software</b>	4.7.510 26492623	4.7.511 26539430	4.7.515 26640584	4.7.520 26691291
<b>ESRS</b>	3.42.00.06	3.42.00.06	3.42.00.06	3.46.00.04
<b>Log Insight</b>	4.8.0 13036238	4.8.0 13036238	4.8.0 13036238	8.1.1 16281169
<b>vCenter</b>	6.7 P02 16046713	6.7 P02 16046713	6.7 P03 16708996	6.7 U3j 16708996
<b>ESXI</b>	6.7 P02 16075168	6.7 EP15 16316930	6.7 P03 16713306	6.7 EP16 16773714
<b>VxRail Manager VIB</b>	4.7.510 16222977	4.7.511 16388606	4.7.515 16804010	4.7.520 16969877

\* Requires a manual upgrade



## 8.5 4.7.521 / 6.7 EP17 → 4.7.527 / 6.7 EP18

<b>ESXi</b>		<b>6.7 EP17</b>		<b>6.7 P04</b>		<b>6.7 P04</b>		<b>6.7 EP18</b>	
<b>vSAN</b>		6.7 P03		6.7 P04		6.7 P04		6.7 EP18	
<b>VxRail</b>		4.7.521		4.7.525		4.7.526		4.7.527	
<b>BIOS</b>	<b>FW</b>	3B09.01,3B11.01*, 3B13*		3B09.01,3B11.01*, 3B13*		3B09.01,3B11.01*, 3B13*		3B09.01,3B11.01*, 3B13*	
<b>HBA 3008</b>	<b>FW</b>	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00
	<b>Driver</b>	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00
<b>NDC and NICs</b>									
<b>Intel i350</b>	<b>FW</b>	1.5.50				1.5.50		1.5.50	
	<b>Driver</b>	inbox				inbox		inbox	
<b>82599</b>	<b>FW</b>	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
<b>Intel X540</b>	<b>FW</b>	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46
	<b>Driver</b>	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1	3.21.4.3	4.5.1
<b>BMC</b>		23.44 (12G)	23.52, 3.81 (12G)	23.44 (12G)	23.52, 3.81 (12G)	23.44 (12G)	23.52, 3.81 (12G)	23.44 (12G)	23.52, 3.81 (12G)
<b>CMC</b>		3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)

<b>Software Item</b>	<b>Version</b>			
<b>VxRail Software</b>	4.7.521 26742258	4.7.525 26769857	4.7.526 26792886	4.7.527 26902834
<b>ESRS</b>	3.46.00.04	3.48.00.04	3.48.00.04	3.48.00.04
<b>Log Insight</b>	8.1.1 16281169	8.1.1 16281169	8.1.1 16281169	8.1.1 16281169
<b>vCenter</b>	6.7 U3j 16708996	6.7 U3l 17138064	6.7 U3l 17138064	6.7 U3l 17138064
<b>ESXI</b>	6.7 EP17 17098360	6.7 P04 17167734	6.7 P04 17167734	6.7 EP18 17499825
<b>VxRail Manager VIB</b>	4.7.521 17137408	4.7.525 17225047	4.7.526 17298699	4.7.527 17663315

\* Requires a manual upgrade

## 8.6 4.7.530 / 6.7 P05 → 4.7.531 / 6.7 P05

ESXi		6.7 P05		6.7 P04	
vSAN		6.7 P05		6.7 P04	
VxRail		4.7.530		4.7.531	
BIOS	FW	3B09.01,3B11.01*, 3B13*		3B09.01,3B11.01*, 3B13*	
HBA 3008	FW	9.00.00.00	14.00.00.00	9.00.00.00	14.00.00.00
	Driver	17.00.00.00	17.00.00.00	17.00.00.00	17.00.00.00
NDC and NICs					
Intel i350	FW	1.5.50			
	Driver	inbox			
82599	FW	PXE: 2.3.24	PXE: 2.3.46	PXE: 2.3.24	PXE: 2.3.46
	Driver	3.21.4.3	4.5.1	3.21.4.3	4.5.1
Intel X540	FW	PXE: 2.3.11	PXE: 2.3.46	PXE: 2.3.11	PXE: 2.3.46
	Driver	3.21.4.3	4.5.1	3.21.4.3	4.5.1
BMC		23.44 (12G)	23.52, 3.81 (12G)	23.44 (12G)	23.52, 3.81 (12G)
CMC		3.37 (12G)	3.41 (12G)	3.37 (12G)	3.41 (12G)

Software Item	Version	
VxRail Software	4.7.530 26975664	4.7.531 27039073
ESRS	3.48.00.04	3.48.00.04
Log Insight	8.1.1 16281169	8.1.1 16281169
vCenter	6.7 U3m 17713310	6.7 U3n 18010531
ESXI	6.7 P05 17700523	6.7 P05 17700523
VxRail Manager VIB	4.7.530 17898131	4.7.531 18078840

\* Requires a manual upgrade

## 9 Supported HDD and SSD – G410

Table 5 Supported storage devices in G410

Component	Part Number	Model	Minimum Version	Supported Platforms
<b>Cache SAS SSD</b>				
200GB HGST Write Intensive SAS SSD	0B32139	HUSMM1620ASS201	29C	G410
400GB HGST Write Intensive SAS SSD	0B32140	HUSMM1640ASS201	29C	G410
800GB HGST Write Intensive SAS SSD	0B32141	HUSMM1680ASS201	29C	G410
<b>Capacity SAS SSD</b>				
3.84TB Samsung PM1633 Read Intensive SAS SSD	P1633N38	AREX3840S5xnNTRI	EQP4	G410
3.84TB Samsung PM1633a Read Intensive SAS SSD	118033311	PA33N3T8CLAR3840	EQL1	G410
<b>Capacity SAS HDD</b>				
1.2TB 10K HGST SAS HDD		HUC101812CSS200	A7SR	G410
2TB 7.2K Seagate SAS HDD		ST2000NX0433	NS04	G410

## 10 Supported switches

This section provides information about the supported switches by the VxRail appliances.

Switches must meet the following requirements for VxRail 4.7 and above:

- Support IPv4 unicast
- Support IPv6 multicast

Switches must meet the following requirements prior to VxRail 4.7:

- Support IPv4 multicast
- Support IPv6 multicast

In addition, the following switch features are recommended:

- Enable IGMP snooping and querier.
- Enable MLD snooping and querier

## 11 Getting help

### 11.1 Contacting Dell EMC

You can link your Online Support account with VxRail Manager and access support resources without having to log in separately.

NOTE: If you plan to set up EMC Secure Remote Services (ESRS), you have to link your Online Support account to VxRail Manager under the same ID or it may not work properly.

### 11.2 Registering for online support

You can create an Online Support account to access support resources such as:

- Register your appliance.
- Obtain product license files and software updates.
- Download Dell EMC VxRail Series product documentation.
- Download the SolVe Desktop Procedure Generator.
- Browse the Dell EMC VxRail Series community and support information.
- Link your support account for access to resources from within VxRail Manager.

To register for online support:

1. Point your Web browser to [www.emc.com/vxrailsupport](http://www.emc.com/vxrailsupport) (or support.emc.com).
2. Click **Register** here.
3. Fill in the required information.  
Support will send you a confirmation email, typically within 48 hours.

### 11.3 Accessing support resources

You can access support resources for your Dell EMC VxRail™ appliance by one of the following:

- [VxRail Support](#)
- <https://www.emc.com/vxrailsupport> (or support.emc.com)
- <https://solveonline.emc.com/>

NOTE: Additional Dell EMC VxRail™ Series information is available through the SolVe desktop tool. SolVe includes step-by-step procedures for replacing certain hardware components, as well as other tasks.

## A Appendix – Disk slot configuration rules – G410

Table 6 Disk Slot Placement Rules – G410

Appliance	Quantity of Cache SSD	Quantity of Capacity Devices
G410/G410F	1	1 to 5
	2	2 to 10
	3	3 to 15
	4	4 to 20

## B Appendix – Disk Slot Placement Rules – G410

VxRail appliances are delivered from the factory with cache and capacity disks pre-populated in specific disk slots in the chassis. The slot location of the cache and capacity disks is important to the operation of your appliance and should not be altered unless directed by a Dell EMC service professional.

### B.1 Disk Slot Mapping – G410

For the drive slot mapping tables in this section, use the following legend:

C= Cache SSD

D= Capacity SSD or HDD

Table 7 G410/G410F

Cache (C)	Data (D)	Slot 0	Slot 1	Slot 2	Slot 3	Slot 4	Slot 5	Slot 6	Slot 7	Slot 8	Slot 9	Slot 10	Slot 11	Slot 12	Slot 13	Slot 14	Slot 15	Slot 16	Slot 17	Slot 18	Slot 19	Slot 20	Slot 21	Slot 22	Slot 23
1	1	C	D																						
1	2	C	D	D																					
1	3	C	D	D	D																				
1	4	C	D	D	D	D																			
1	5	C	D	D	D	D	D																		
2	2	C	D					C	D																
2	3	C	D	D				C	D																
2	4	C	D	D				C	D	D															
2	5	C	D	D	D			C	D	D															
2	6	C	D	D	D			C	D	D	D														
2	7	C	D	D	D	D		C	D	D	D														
2	8	C	D	D	D	D	D	C	D	D	D	D													
2	9	C	D	D	D	D	D	C	D	D	D	D	D												
2	10	C	D	D	D	D	D	C	D	D	D	D	D	D											
3	3	C	D					C	D					C	D										
3	4	C	D	D				C	D					C	D										
3	5	C	D	D				C	D	D				C	D										
3	6	C	D	D				C	D	D				C	D	D									
3	7	C	D	D	D			C	D	D				C	D	D									
3	8	C	D	D	D			C	D	D	D			C	D	D									
3	9	C	D	D	D			C	D	D	D			C	D	D	D								
3	10	C	D	D	D	D		C	D	D	D			C	D	D	D								
3	11	C	D	D	D	D		C	D	D	D	D		C	D	D	D								
3	12	C	D	D	D	D		C	D	D	D	D		C	D	D	D	D							
3	13	C	D	D	D	D	D	C	D	D	D	D		C	D	D	D	D							
3	14	C	D	D	D	D	D	C	D	D	D	D	D	C	D	D	D	D							
3	15	C	D	D	D	D	D	C	D	D	D	D	D	C	D	D	D	D	D						
4	4	C	D					C	D					C	D						C	D			
4	5	C	D	D				C	D					C	D						C	D			
4	6	C	D	D				C	D	D				C	D						C	D			
4	7	C	D	D				C	D	D				C	D	D					C	D			
4	8	C	D	D				C	D	D				C	D	D					C	D	D		
4	9	C	D	D	D			C	D	D				C	D	D					C	D	D		
4	10	C	D	D	D			C	D	D	D			C	D	D					C	D	D		
4	11	C	D	D	D			C	D	D	D			C	D	D	D				C	D			
4	12	C	D	D	D			C	D	D	D			C	D	D	D				C	D	D	D	
4	13	C	D	D	D	D		C	D	D	D			C	D	D	D				C	D	D	D	
4	14	C	D	D	D	D		C	D	D	D	D		C	D	D	D				C	D	D	D	
4	15	C	D	D	D	D		C	D	D	D	D		C	D	D	D	D			C	D	D	D	



Cache (C)	Data (D)	Slot 0	Slot 1	Slot 2	Slot 3	Slot 4	Slot 5	Slot 6	Slot 7	Slot 8	Slot 9	Slot 10	Slot 11	Slot 12	Slot 13	Slot 14	Slot 15	Slot 16	Slot 17	Slot 18	Slot 19	Slot 20	Slot 21	Slot 22	Slot 23
4	16	C	D	D	D			C	D	D	D	D		C	D	D	D	D		C	D	D	D	D	
4	17	C	D	D	D	D	D	C	D	D	D	D		C	D	D	D	D		C	D	D	D	D	
4	18	C	D	D	D	D	D	C	D	D	D	D	D	C	D	D	D	D		C	D	D	D	D	
4	19	C	D	D	D	D	D	C	D	D	D	D	D	C	D	D	D	D	D	C	D	D	D	D	
4	20	C	D	D	D	D	D	C	D	D	D	D	D	C	D	D	D	D	D	C	D	D	D	D	D