

# Dell EMC Integrated Data Protection Appliance

## Users Guide

2.5

## Anmerkungen, Vorsichtshinweise und Warnungen

 **ANMERKUNG:** Eine ANMERKUNG macht auf wichtige Informationen aufmerksam, mit denen Sie Ihr Produkt besser einsetzen können.

 **VORSICHT:** Ein VORSICHTSHINWEIS warnt vor möglichen Beschädigungen der Hardware oder vor Datenverlust und zeigt, wie diese vermieden werden können.

 **WARNUNG:** Mit WARNUNG wird auf eine potenziell gefährliche Situation hingewiesen, die zu Sachschäden, Verletzungen oder zum Tod führen kann.

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# Preface

**Table 1. Software Compatibility Guide revision history**

<b>Revision</b>	<b>Date</b>	<b>Description</b>
01	March 2020	First release of this document for IDPA 2.5

Configurations, components, operating systems, or products that are not listed in this document are not supported.

Only third-party product versions generally supported by the product vendor and specified in this document are fully supported by the Integrated Data Protection Appliance.

# Introduction

This section contains the following topics:

## Topics:

- [Software compatibility matrix](#)
- [Environment and system requirements](#)
- [Before working inside your computer](#)
- [Recommended tools](#)
- [Turning Off Your Computer](#)
- [Browser support](#)

## Software compatibility matrix

The following versions of critical point products are supported by IDPA

**Table 2. Supported critical point products with associated versions**

Version	Avamar	DDOS	DPA	CDR	Search	ACM
2.5	<ul style="list-style-type: none"> <li>· Avamar 19.1 + Patch</li> <li>· Avamar Virtual Edition (AVE)</li> <li>· Avamar Platform OS Security Patch Rollup 2020 R3</li> </ul>	7.x	19.2	19.2	19.2	2.5
2.4.1	<ul style="list-style-type: none"> <li>· Avamar 18.2.0-134</li> <li>· Avamar Virtual Edition (AVE)</li> <li>· Avamar Platform OS Security Patch Rollup 2019 R2</li> <li>· Avamar Hotfix Rollup 309443</li> </ul>	DD OS 6.2.0.30	18.2 patch 59	19.1.00.01(17)	19.1.0.3112	
2.4	<ul style="list-style-type: none"> <li>· Avamar 18.2.0-134</li> <li>· Avamar Virtual Edition (AVE)</li> <li>· Avamar Platform OS Security Patch Rollup 2019 R1</li> </ul>	6.2.0.10-615548	18.2.0.5	18.3.0.3	18.2.1.2525	
2.3.1	<ul style="list-style-type: none"> <li>· Avamar 18.2.0</li> <li>· Avamar Avamar Platform OS Security Patch Rollup 2019 R2</li> <li>· Avamar Hotfix Rollup 309443</li> </ul>	6.2.0.30	18.2 patch 59 September 2019 OS Rollup	19.1	19.1	<ul style="list-style-type: none"> <li>· Update Java to version 8u221</li> <li>· September 2019 OS Rollup</li> </ul>
2.3	<ul style="list-style-type: none"> <li>· Avamar 18.2.0-134</li> <li>· Avamar Virtual Edition (AVE)</li> <li>· Avamar Platform OS Security Patch Rollup 2018 R4</li> </ul>	6.2.0.5-608869	18.2.0.5	18.3.0.2	18.2.0.2410	
2.2	<ul style="list-style-type: none"> <li>· Avamar 7.5.1-101</li> <li>· Avamar Virtual Edition (AVE)</li> <li>· Avamar hotfix               <ul style="list-style-type: none"> <li>○ 299094</li> <li>○ 298709</li> <li>○ 294755</li> </ul> </li> </ul>	6.1.1. 10-591041	6.5.0.103301 patch 45	17.4.00.01	18.0.0.1065	

**Table 2. Supported critical point products with associated versions(continued)**

Version	Avamar	DDOS	DPA	CDR	Search	ACM
2.1	<ul style="list-style-type: none"> <li>Avamar 7.5.0</li> <li>Avamar Virtual Edition (AVE)</li> <li>Avamar Q2 2017 AV OS</li> </ul>	6.1.0.21	6.4.0	17.3	1.1.3	
2.0	<ul style="list-style-type: none"> <li>Avamar 7.4 SP1</li> <li>Avamar Virtual Edition (AVE)</li> <li>Avamar Platform OS Security Patch Rollup 2016'Q4</li> </ul>	6.0.1 patch 30	6.3	N/A	1.1.2	

The following versions of other important point products are supported by IDPA

**Table 3. Supported important point products with associated versions**

Version	System Manager	NDMP Accelerator	vCenter	ESXi	iDRAC
2.5			6.7 Update 3	6.7 Update 3	October 2019 Block
2.4	18.2.0-14	18.2.0-134			
2.3.1		18.2.0-134	6.5.0 Update 3 (6.5.0.30000-14020092 )	<ul style="list-style-type: none"> <li>6.5 Update 2</li> <li>A12</li> </ul>	June 2019 Block
2.3	18.2.0-11	18.2.0-134			
2.2	8.1.0-11	NA			
2.1	1.0.0.6	NA			
2.0	NA	NA			

## Environment and system requirements

IDPA requires the following to configure and run

**Table 4. Supported environment and system requirements with IDPA versions**

Version	LDAP	Secure Remote Services
2.5	A supported LDAP server for Search <ul style="list-style-type: none"> <li>IDPA 2.5 and later versions support both Secure LDAP and External LDAP.</li> <li>Open LDAP 2.5 and later.</li> <li>Microsoft Active Directory on Windows Server 2008 R2 and/or Windows Server 2012 R2.</li> </ul>	If available, configure the Secure Remote Services VE Gateway (Centralized configuration) 3.20.00.08 or later.
2.4.1	A supported LDAP server for Search <ul style="list-style-type: none"> <li>IDPA 2.4.1 and later versions support both Secure LDAP and External LDAP.</li> <li>Open LDAP 2.4.1 and later.</li> <li>Microsoft Active Directory on Windows Server 2008 R2 and/or Windows Server 2012 R2.</li> </ul>	If available, configure the Secure Remote Services VE Gateway (Centralized configuration) 3.20.00.08 or later.
2.4	A supported LDAP server for Search <ul style="list-style-type: none"> <li>IDPA 2.4 and later versions support both Secure LDAP and External LDAP.</li> <li>Open LDAP 2.4 and later.</li> <li>Microsoft Active Directory on Windows Server 2008 R2 and/or Windows Server 2012 R2.</li> </ul>	If available, configure the Secure Remote Services VE Gateway (Centralized configuration) 3.20.00.08 or later.

**Table 4. Supported environment and system requirements with IDPA versions(continued)**

Version	LDAP	Secure Remote Services
2.3.1	A supported LDAP server for Search <ul style="list-style-type: none"> <li>· IDPA 2.3 and later versions support both Secure LDAP and External LDAP.</li> <li>· Open LDAP 2.4 and later.</li> <li>· Microsoft Active Directory on Windows Server 2008 R2 and/or Windows Server 2012 R2.</li> </ul>	If available, configure the Secure Remote Services VE Gateway (Centralized configuration) 3.20.00.08 or later.
2.3	A supported LDAP server for Search <ul style="list-style-type: none"> <li>· IDPA 2.3 and later versions support both Secure LDAP and External LDAP.</li> <li>· Open LDAP 2.4 and later.</li> <li>· Microsoft Active Directory on Windows Server 2008 R2 and/or Windows Server 2012 R2.</li> </ul>	If available, configure the Secure Remote Services VE Gateway (Centralized configuration) 3.20.00.08 or later.
2.2	A supported LDAP server for Search <ul style="list-style-type: none"> <li>· Open LDAP 2.4 and later.</li> <li>· Microsoft Active Directory on Windows Server 2008 R2 and/or Windows Server 2012 R2.</li> </ul>	If available, configure the Secure Remote Services VE Gateway (Centralized configuration) 3.20.00.08 or later.
2.1	A supported LDAP server for Search <ul style="list-style-type: none"> <li>· Open LDAP 2.3, 2.4, and later.</li> <li>· Microsoft Active Directory on Windows 2003 R2 and later.</li> </ul>	If available, configure the Secure Remote Services VE Gateway (Centralized configuration) 3.20.00.08 or later.
2.0	A supported LDAP server for Search <ul style="list-style-type: none"> <li>· Open LDAP 2.3, 2.4, and later.</li> <li>· Microsoft Active Directory on Windows 2003 R2 and later.</li> </ul>	If available, configure the Secure Remote Services VE Gateway (Centralized configuration) 3.20.00.08 or later.

**NOTE:** For more information about Secure Remote Services, see the *EMC Secure Remote Services Technical Description* document.

## Before working inside your computer

### Prerequisites

Use the following safety guidelines to help protect your computer from potential damage and to help to ensure your personal safety. Unless otherwise noted, each procedure included in this document assumes that the following conditions exist:

- You have read the safety information that shipped with your computer.
- A component can be replaced or--if purchased separately--installed by performing the removal procedure in reverse order.

### About this task

**NOTE:** Before working inside your computer, read the safety information that shipped with your computer. For additional safety best practices information, see the Regulatory Compliance Homepage at [www.dell.com/regulatory\\_compliance](http://www.dell.com/regulatory_compliance)

**CAUTION:** Many repairs may only be done by a certified service technician. You should only perform troubleshooting and simple repairs as authorized in your product documentation, or as directed by the online or telephone service and support team. Damage due to servicing that is not authorized by Dell is not covered by your warranty. Read and follow the safety instructions that came with the product. To avoid electrostatic discharge, ground yourself by using a wrist grounding strap or by periodically touching an unpainted metal surface, such as a connector on the back of the computer.



- Use the following safety guidelines to help protect your computer from potential damage and to help to ensure your personal safety. Unless otherwise noted, each procedure included in this document assumes that the following conditions exist:
- Use the following safety guidelines to help protect your computer from potential damage and to help to ensure your personal safety. Unless otherwise noted, each procedure included in this document assumes that the following conditions exist:

**WARNING:** Handle components and cards with care. Do not touch the components or contacts on a card. Hold a card by its edges or by its metal mounting bracket. Hold a component such as a processor by its edges, not by its pins.

Use the following safety guidelines to help protect your computer from potential damage and to help to ensure your personal safety. Unless otherwise noted, each procedure included in this document assumes that the following conditions exist:

1. Use the following safety guidelines to help protect your computer from potential damage and to help to ensure your personal safety. Unless otherwise noted, each procedure included in this document assumes that the following conditions exist:
2. Use the following safety guidelines to help protect your computer from potential damage and to help to ensure your personal safety. Unless otherwise noted, each procedure included in this document assumes that the following conditions exist:
  - Use the following safety guidelines to help protect your computer from potential damage and to help to ensure your personal safety. Unless otherwise noted, each procedure included in this document assumes that the following conditions exist:
  - Use the following safety guidelines to help protect your computer from potential damage and to help to ensure your personal safety. Unless otherwise noted, each procedure included in this document assumes that the following conditions exist:

**CAUTION:** When you disconnect a cable, pull on its connector or on its pull-tab, not on the cable itself. Some cables have connectors with locking tabs; if you are disconnecting this type of cable, press in on the locking tabs before you disconnect the cable. As you pull connectors apart, keep them evenly aligned to avoid bending any connector pins. Also, before you connect a cable, ensure that both connectors are correctly oriented and aligned.

**NOTE:** The color of your computer and certain components may appear differently than shown in this document.

To avoid damaging your computer, perform the following steps before you begin working inside the computer.

## Steps

1. Ensure that your work surface is flat and clean to prevent the computer cover from being scratched.
2. Turn off your computer (see Turning Off Your Computer).
3. If the computer is connected to a docking device (docked) such as the optional Media Base or Battery Slice, undock it.

**CAUTION:** To disconnect a network cable, first unplug the cable from your computer and then unplug the cable from the network device.

4. Disconnect all network cables from the computer.
5. Disconnect your computer and all attached devices from their electrical outlets.
6. Close the display and turn the computer upside-down on a flat work surface.

**NOTE:** To avoid damaging the system board, you must remove the main battery before you service the computer.

7. Remove the main battery.
8. Turn the computer top-side up.
9. Open the display.
10. Press the power button to ground the system board.

**CAUTION:** To guard against electrical shock, always unplug your computer from the electrical outlet before opening the display.





**Table 5. Supported browsers with IDPA versions(continued)**

<b>Version</b>	<b>Google Chrome</b>	<b>Mozilla Firefox</b>
2.5	v64 and above	
2.4.1	v64 and above.	
2.4	v64 and above.	
2.3.1	v64 and above.	
2.3	v64 and above.	
2.2	v5.5 and above.	
2.1		
2.0		