



System Requirements

EPP 8.3

EDR

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Overview

The document provides system requirements across multiple organizational sites, enabling users to understand centralized endpoint management through a Central Console/GUI.

The following sections provide detailed system requirements for Seqrite Endpoint Protection (EPP) and Endpoint Detection Response (EDR) procedures for both the Endpoint Protection Control Center and Site Servers.

Audience

This guide is beneficial for Seqrite administrators, SOC managers, and Seqrite support customer/partner system administrators deploying EPP 8.3 with EDR edition.

System Requirements for Endpoint Protection Server

EPP Standalone Setup

EPP Standalone Setup			
Operating System: Ubuntu 22.04 (supported on server as well as desktop image)			
Endpoints	Disk (SSD)	RAM	Processor
<=2000	150 GB or above	8 GB or above	4 Core (x86-64), 2.60GHz or above
<10000	250 GB or above	16 GB or above	8 Core (x86-64), 2.60GHz or above
10001-15000	350 GB or above	24 GB or above	12 Core(x86-64), 2.60GHz or above
15001- 20000	450 GB or above	32 GB or above	16 Core(x86-64), 2.60GHz or above
20001-25000	500 GB or above	48 GB or above	24 Core(x86-64), 2.60GHz or above

EPP Distributed Setup

Distributed Server Architecture with 2 Node, each server with the following configuration.

EPP Distributed Setup			
Operating System: Ubuntu 22.04 (supported on server as well as desktop image)			
Endpoints	Disk (SSD)	RAM	Processor
10000-15000	250 GB or above	16 GB or above	8 Core(x86-64), 2.60GHz or above
15001- 20000	350 GB or above	16 GB or above	12 Core(x86-64), 2.60GHz or above
20001-25000	350 GB or above	24 GB or above	12 Core(x86-64), 2.60GHz or above
25001-50000	1 TB	48 GB or above	24 Core(x86-64), 2.60GHz or above

EPP Control Center Setup for Multisite Setup Deployment

The Control Center can manage 50 EPP installations or Site Servers.

EPP Multisite Setup			
Operating System: Ubuntu 22.04 (supported on server as well as desktop image)			
Site Servers	Disk (SSD)	RAM	Processor
50	250 GB or above	16 GB or above	8 Core(x86-64), 2.60GHz or above

Note: EPP Site Server Configuration will be similar to the Standalone or Distributed Server Architecture recommendations stated previously.

Patch Management Server

EPP Patch Management Server		
Operating System: <ul style="list-style-type: none">• Microsoft Windows 10 (64-bit) and above• Microsoft Windows Server 2012 (64-bit) and above		
Disk (SSD)	RAM	Processor
<ul style="list-style-type: none">• Minimum: 40 GB• Recommended: 1 TB	8 GB or above	4 Core(x86-64), 2.60GHz or above

Note: For more than 25 clients, Seqrite recommends installing a Patch Management server on the Windows Server operating system.

System Requirements for EDR

Machine requirements: 2 Nodes for EDR + 1 Node for Update Manager

Data Retention: 30 days

High Availability: No

System Requirements for EDR Nodes

The Master node serves to manage the state of the cluster and orchestrates the activities of Worker nodes.

Worker nodes are the key components of a system, equipped to manage all essential services required for the application. They are designed to host everything from database clusters to application and dashboard services.

Each EPP site server requires a single EDR setup. Hence, based on the number of EPP site servers, the administrator needs to configure the EDR setups accordingly.

EDR	Master node			Worker node(s)			
Operating Sys	Ubuntu 22.04 LTS			Ubuntu 22.04 LTS			
Endpoints	CPU	Memory	Disk (SSD)	Worker (s)	CPU	Memory	Disk (SSD)
<=20	4 Core 2.60GHz or above	8 GB	200 GB	Worker 1	12 Core 2.60GHz or above	42 GB	500 GB
<1000	4 Core 2.60GHz or above	8 GB	500 GB	Worker 1	40 Core 2.60GHz or above	96 GB	3.7 TB
1000 - 2000	4 Core 2.60GHz or above	8 GB	500 GB	Worker 1	40 Core 2.60GHz or above	96 GB	7 TB
2000- 4000	4 Core 2.60GHz or above	8 GB	500 GB	Worker 1	48 Core 2.60GHz or above	96 GB	12 TB
4000- 5000	4 Core 2.60GHz or above	8 GB	500 GB	Worker 1	48 Core 2.60GHz or above	112 GB	15 TB
5000- 10000	8 Core 2.60GHz or above	16 GB	500 GB	Worker 1	64 Core 2.60GHz or above	128 GB	30 TB
50000	8 Core 2.60GHz or above	16 GB	0.5 TB	Worker 1	72 Core 2.60GHz or above	144 GB	112 TB
				Worker 2	72 Core 2.60GHz or above	144 GB	112 TB
				Worker 3	72 Core 2.60GHz or above	144 GB	112 TB
				Worker 4	72 Core 2.60GHz or above	144 GB	11 TB

System Requirements for EDR Update Manager

Supported Platforms	CPU	Memory	Disk (SSD)
<ul style="list-style-type: none"> Linux Mint 19.2 Linux Mint 20 64bit Ubuntu 22 Ubuntu 20.04 64bit openSUSE 42.3, 15.2 64bit Red Hat Enterprise Linux 9.1 BOSS 6 32bit BOSS 8 64bit Rocky Linux 	2 Core	4 GB	50 GB

System Requirements for Clients

System Requirements for EPP Clients

Windows	Mac	Linux	
		32- bit	64- bit
Microsoft Windows 2008 Server R2 Web / Standard / Enterprise / Datacenter (64-bit)	Mac OS X 10.9, 10.10, 10.11, macOS 10.12, 10.13, 10.14, 10.15, 11, 12, 13 and 14	GNU C Library 2.5 and later	GNU C Library 2.5 and later
Microsoft Windows 7 Home Basic/ Premium / Professional / Enterprise / Ultimate (32-bit/64-bit)		SAMBA version 4.12 and earlier	SAMBA version 4.16 and earlier
Microsoft Windows SBS 2011 Standard / Essentials		<ul style="list-style-type: none"> Debian 9, 10 Ubuntu 14.04,16.04 Boss 6.0 Linux Mint 19.3 	<ul style="list-style-type: none"> Fedora 30, 32 Linux Mint 19.3, 20 Ubuntu 16.04, 18.04, 20.4, 22.04 CentOS 7.8, 8.2 RHEL 7.5, 7.8, 8.2 & 8.6 Enterprise, 9.0,9.1, 9.2, 9.3

			<ul style="list-style-type: none"> • SUSE Linux 12. SP4 / Enterprise Desktop 15 • Rocky Linux 8.4 • Boss 6.0, 8.0, 9.0 • Debian 9, 10 • Oracle Linux 7.1, 7.9 and 8.1
Microsoft Windows Server 2012 R2 Standard / Datacenter (64-bit)			
Microsoft Windows Server 2012 Standard / Essentials / Foundation / Storage Server / Datacenter (64-bit)			
Microsoft Windows 8.1 Professional / Enterprise (32-bit/64-bit)			
Microsoft Windows 10 Home / Pro / Enterprise / Education (32-Bit / 64-Bit)			
Microsoft Windows 11			
Microsoft Windows Server 2016			
Microsoft Windows Server 2019 (64-bit)			
Windows 10 November 2019 Update			
Microsoft Windows Server 2022 Standard / Datacenter / Essentials			

Note:

- SEPS client cannot be installed on Windows 7 and Microsoft Windows Server 2008 R2 if these updates are not installed:
 - [KB4474419](#)
 - [KB4490628](#)

Install them by clicking on the link OR

Install Internet Explorer 11 to get the updates automatically. After installing the KB articles, you need to restart the system.

- For Windows 2016, Windows Server 2019, and Server 2022, you need to uninstall Windows Defender. Post the uninstallation, make sure that you restart the system.

General Requirements for EPP Clients

Operating System	Disk (SSD)	RAM	Processor	Web Browser	Network Protocol
Windows	3200 MB free space	<ul style="list-style-type: none">• Minimum: 1 GB• Recommended: 2 GB free RAM	<ul style="list-style-type: none">• Minimum: 1 GHz 32-bit (x86) or 64-bit (x64) processor• Recommended: 2 GHz 32-bit (x86) or 64-bit (x64) processor	Internet Explorer 7 or later	TLS 1.2
Mac	1200 MB free space	<ul style="list-style-type: none">• Minimum: 512 MB• Recommended: 2 GB free RAM	Intel core or Apple's M1, M2, M3 chip compatible		
Linux	1200 MB free space	<ul style="list-style-type: none">• Minimum: 512 MB• Recommended: 1 GB free RAM	Intel or compatible		

Supported Platforms for EDR Clients

Windows (64-bit)	Linux (64-bit)	Mac OS
Microsoft Windows 8.1,10,11	Fedora 32	macOS 10.14, 10.15, 12, and 13
Windows Server 2012 Datacenter	Linux Mint 20	
Windows Server 2012 R2 Datacenter	Ubuntu 17.04, 20.04, 22.10	
Windows Server 2016	CentOS 8, 8.2	
Windows Server 2019	Red Hat Enterprise Linux (RHEL) 8.1, 8.2, 9.1	
Windows Server 2022	openSUSE 15.1	
	Rocky Linux	
	BOSS 8	