

Product: [macmon Server Scalability](#) 



macmon server scalability for a group of 3 macmon NAC servers.

Product Description

Maximum reliability through flexible high-availability options for local or distributed infrastructures including central management and reporting.

Technical Specifications

Product description

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| Node extension: | To increase the amount of supervised nodes a new license will be generated and the old license will be revoked. |
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Configuration features

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| Configuration functions: | Enables the built up of a server group, with specific network responsibilities and fallback scenarios. |
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Diagnostics features

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| Alarm and event actions: | Alarm, configuration and event logging. Alarm and event actions such as email, SMS, syslog, SNMP trap, REST API calls, start scripts. |
| Event generation: | Network monitoring (polling), NAC enforcement (SNMP, etc.), NAC authentications (MAB, 802.1X, RADIUS in general), REST API calls (e.g. third party solutions), agent data, internal processes, guest portal. |
| Modules and components: | Distribution of network monitoring and NAC enforcement to a group of macmon NAC servers. High-availability for the NAC functionalities. |
| Monitoring: | Monitors the status of the communication between the group of macmon NAC servers. |
| Topology recognition: | Topology recognition is based on LLDP (Link Layer Discovery Protocol, IEEE802.1AB) |

Software

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| Operating system: | Debian-based virtual Appliance provided with macmon NAC |
| Browser: | Microsoft Edge, Google Chrome, Mozilla Firefox |

Hardware

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| Processor: | 4 virtual CPU's (can be extended) |
| Hard disk space: | 250 GB |
| RAM: | 8 GB (can be extended to fit large network sizes) |
| Network: | Ethernet network with TCP/IP protocol stack. IPv4 support. |

SCADA /Process visualisation

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| ActiveX Control: | Web Graphical User Interface |
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IIT.Protocols

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| Supported protocols: | SNMPv1, SNMPv2c, SNMPv3, RADIUS, Syslog, HTTPS, SSH, Telnet, ICMP, DNS, DHCP, WMI, IF-MAP, SMTP |
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Language Support

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| Manual and help texts: | English, German |
| Menus and dialogs: | English, German |

Scope of delivery and accessories

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| Scope of delivery: | Software download + Access to functionality under licensing model |
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Further Instructions

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| Product Documentation: | Comes with the product download archive and is accessible in the help section of the macmon NAC GUI. |
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History

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| Update and Revision: | Revision Number: 0.8 Revision Date: 05-31-2024 |
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Variants

| Part Number | Type |
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| BES SC--SUB-000003 | macmon Server Scalability 3 Server Paket |
| BES SC--SUB-000006 | macmon Server Scalability 6 Server Paket |
| BES SC--SUB-000010 | macmon Server Scalability 10 Server |
| BES SC--SUB-000015 | macmon Server Scalability 15 Server |
| BES SC--SUB-000016 | macmon Server Scalability ab 16 Server |
| BES SC--SUB-CLUSTR | macmon-cluster-option für Appliance |

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