

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

Part Number:	BESSC-SUB
Node extension:	To increase the amount of supervised nodes a new license will be generated and the old license will be revoked.

Configuration features

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

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

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

Hardware

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

ActiveX Control:	Web Graphical User Interface
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IIT.Protocols

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

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

Scope of delivery and accessories

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

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

History

Update and Revision: Revision Number: 0.14 Revision Date: 04-02-2025

Variants

Item #	Type
BESSC-SUB-000003	macmon Server Scalability set 3 Server
BESSC-SUB-000006	macmon Server Scalability set 6 Server
BESSC-SUB-000010	macmon Server Scalability set 10 Server
BESSC-SUB-000015	macmon Server Scalability set 15 Server
BESSC-SUB-000016	macmon Server Scalability from 16 Server
BESSC-SUB-CLUSTR	macmon-cluster-option for the Appliance

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