

Функции, поддерживаемые разными версиями новой ОС для промышленных коммутаторов MX-NOS:

Функции управления системой и интерфейсами	V1.0	✓ Configuration Import/ Export
	V1.0	✓ Device Virtual Panel
	V1.0	✓ IPv4 and IPv6 Management
	V1.0	✓ SNMP v1/v2c/v3
	V1.0	✓ SNMPv3 Trap
	V1.0	✓ Account Management
	V1.0	✓ Telnet/SSH
	V1.0	✓ Console- CLI
	V1.0	✓ Web UI
	V1.0	✓ DHCP Client/Server
	V1.0	✓ Email Warning
	V1.0	✓ Event Notification
	V1.0	✓ Ethernet Management Interface
	V1.0	✓ Port Setting
	V1.0	✓ Reset Button
	V1.0	✓ System Health Monitor
	V1.0	✓ TFTP
	V1.0	✓ SFTP
	V1.0	✓ PoE at/af
	V2.0	✓ PoE bt
	V2.0	✓ Jumbo Frame
	V2.0	✓ Backup and Restore Storage
	V4.0	✓ DHCP Relay Agent
V4.0	✓ DHCP Option 82	
Управление VLAN	V1.0	✓ 802.1Q Bridge VLAN
	V1.0	✓ GVRP
Многоадресное приложение	V1.0	✓ IGMP Snooping v1/v2/v3
	V1.0	✓ GRMP
	V1.0	✓ Static Multicast
Управление временем и синхронизация	V1.0	✓ Manual Time Settings
	V1.0	✓ SNTP
	V1.0	✓ NTP Server/Client
	V1.0	✓ NTP Authentication
	V3.0	✓ IEEE 1588 PTP
	V4.0	✓1588 PTP Power Profile IEC 61850-9-3
V4.0	✓1588 PTP Power Profile C37.238-2017	
Управление безопасностью	V1.0	✓ Login Authentication - Radius/TACACS+/Local account
	V1.0	✓ Management Interface Control

	V1.0	✓ Trusted Access Control
	V1.0	✓ Authentication Certificate
	V1.0	✓ IEEE 802.1X
	V1.0	✓ Secure Boot
	V1.0	✓ Traffic Storm Control
	V1.0	✓ Port Security - Static Pod Lock and MAC Sticky
	V1.0	✓ Rate Limit - Disable Mode/Port Shutdown Mode
	V2.0	✓ Online Account Monitor
	V2.0	✓ Customer Key Management
	V3.0	✓ Access Control List
	V3.0	✓ MAC Authentication Bypass
	V4.0	✓ 802.1x with 802.1 AR (Dev ID)
	V4.0	✓802.1x with 802.1 AE (MACsec)• (не поддерживается на MDS-4XGS)
	V4.0	✓ DHCP Snooping
	V4.0	✓ IP Source Guard
	V4.0	✓ Dynamic ARP Inspection
Диагностика	V1.0	✓ LLDP
	V1.0	✓ Port Mirror (SPAN)
	V1.0	✓ Event Log
	V1.0	✓ Power Consumption Monitoring
	V1.0	✓ System Resource Monitoring
	V1.0	✓ Traffic Statistics
	V1.0	✓ Bandwidth Utilization
	V1.0	✓ Syslog
	V1.0	✓RMON
	V1.0	✓ Ping
	V1.0	✓ Secure System Diagnostics
	V1.0	✓ SYSLOG Authentication
	V2.0	✓ Remote Port Mirror (RSPAN)
	V4.0	✓ Remote Port Mirror (RSPAN)
	V4.0	✓ Fiber Check
Качество обслуживания (QoS)	V1.0	✓ 802.1P/Default/DSCP Mapping
	V1.0	✓ Egress Scheduler
	V1.0	✓ Classification of QoS
	V1.0	✓ Rate Limit and Shaper of QoS
	V1.0	✓ Queue and Scheduler of QoS
Протоколы резервирования L2	V1.0	✓ STP/RSTP
	V1.0	✓ Turbo Ring v2
	V1.0	✓ Turbo Chain

	V1.0	✓ Redundant with Trunk Support
	V1.0	✓ Static Port Trunk
	V1.0	✓ Link Aggregation
	V1.0	✓ BPDU Guard and BPDU Filter
	V1.0	✓ Dual-Homing
	V1.0	✓ Link Healthy Check
	V3.0	✓ Network Loop Protection
	V3.0	✓ MSTP
	V4.0	✓ MRP (Media Redundancy Protocol)
Маршрутизация	V2.0	✓ IP Interface
	V2.0	✓ IPv4 on IP Interface
	V2.0	✓ Static Route
	V2.0	✓ OSPF
	V2.0	✓ Unicast Routing Table
	V2.0	✓ ARP Table
Резервирование L3	V2.0	✓ VRRP
Специализированные протоколы	V3.0	✓ MMS
Другое	V2.0	✓ Proxy ARP
Промышленные протоколы	V4.0	✓ Modbus TCP
	V4.0	✓ PROFINET (только для EDS-G4000 v4.0)
	V4.0	✓ EtherNet/IP (только для EDS-G4000 v4.0)