

Extreme Management Center Firmware Support for Legacy Products

This document provides legacy firmware support information for the following Extreme Management Center applications:

- [NAC Manager Firmware Support](#)
- [Policy Manager Firmware Support](#)

The following legacy Enterasys products are included in this document:

A2	B3/C3/G3
B2	C2

For firmware support information for current Extreme Networks devices, see the Extreme Management Center Firmware Support document.

NAC Manager Firmware Support

NAC Manager supports the following legacy Enterasys devices and firmware versions:

Product	Firmware Version
A2	3.02.xx 3.03.xx
B2 and B2/B3 (Mixed Stack)	4.00.xx 4.01.xx 4.02.xx
B3/C3 (Standalone)/ G3	6.03.xx 6.42.xx 6.61.xx
C2 and C2/C3 (Mixed Stack)	5.00.xx 5.01.xx 5.02.xx

Policy Manager Firmware Support

[Section 1](#) lists the legacy Enterasys products and firmware versions supported by Policy Manager.

[Section 2](#) lists the Policy Manager feature sets for the legacy products.

[Section 3](#) lists the Access Control and CoS Classification Rule Support for the legacy products.

Section 1: Devices/Firmware Versions Supported

This table displays the legacy Enterasys products and firmware versions supported by Policy Manager.

Product	Firmware Version
A2	3.02.xx
	3.03.xx
B2	4.00.xx
	4.01.xx
	4.02.xx
B3/C3/G3	6.03.xx
	6.42.xx
	6.61.xx
C2	5.00.xx
	5.01.xx
	5.02.xx

Section 2: Policy Manager Feature Support

- [A2](#)
- [B2](#)
- [B3/C3/G3](#)
- [C2](#)

Feature Support A2

Functionality	A2 Firmware Version	
	3.02.xx	3.03.xx
Authentication Support	X	
802.1X	X	
MAC	X	
MAC Mask	X	
Web-Based	-	
CEP	-	
Quarantine	-	
Auto Tracking	-	
Global Authentication Settings:	-	
Authentication Timeout	-	
Current # of Authenticated Users	-	
Multi-Users per Port	-	
RFC3580 VLAN Authorization	X	
RFC3580 VLAN Egress	X	
RADIUS Support	X	
RADIUS Accounting	-	
RADIUS Response Mode	-	
Priority Support (802.1p)	X	

Functionality	A2 Firmware Version	
	3.02.xx	3.03.xx
Policy Support	-	
Policy-based VLAN Egress	-	
Tagged Packet VLAN to Role Mapping	-	
Authentication-based VLAN to Role Mapping	-	
IP to Role Mapping	-	
MAC to Role Mapping	-	
Rule Accounting	-	
Port Disabled on Rule Hit	-	
Disable Traffic Classify Type	-	
Clear Rule Usage	-	
Invalid Policy Action	-	
Passive Domain Mode	-	
Role-Based Actions:	-	
SysLog/AuditTrap/DisablePort	-	
Role-Based Traffic Mirror	-	
Rule-Hit Actions:	-	
SysLog/AuditTrap/DisablePort Prohibit	-	
Rule-Based Traffic Mirror	-	
Rule-Based TCI Overwrite	-	
Egress Policy	-	
Rate Limiting	X(1)	
MAC Locking	X	
ToS/DSCP Rewrite	-	
Anti-Spoofing	-	

¹Priority-Based rate limits inbound only. GE ports - 8 rate limits (Priority 0 only); FE ports - 2 rate limits (Priorities 0,1,2,3 and 4,5,6,7). Role-Based rate limits not supported.

Feature Support B2

Functionality	B2 Firmware Version	
	4.00.xx(1)	4.01.xx(1)
	4.02.xx(1)	
Authentication Support	X	
802.1X	X(2)	
MAC	X(2)	
MAC Mask	X	
Web-Based	X(2)	
CEP	-	
Quarantine	-	
Auto Tracking	-	
Global Authentication Settings:	X	
Authentication Timeout	X	
Current # of Authenticated Users	X	
Multi-Users per Port	X(3,4)	

Functionality	B2 Firmware Version	
	4.00.xx(1)	4.01.xx(1)
	4.02.xx(1)	
RFC3580 VLAN Authorization	X	
RFC3580 VLAN Egress	X	
RADIUS Support	X	
RADIUS Accounting	-	
RADIUS Response Mode	X	
Priority Support (802.1p)	X	
Policy Support	X(2)	
Policy-based VLAN Egress	X	
Tagged Packet VLAN to Role Mapping	X(5)	
Authentication-based VLAN to Role Mapping	-	
IP to Role Mapping	-	
MAC to Role Mapping	-	
Rule Accounting	-	
Port Disabled on Rule Hit	-	
Disable Traffic Classify Type	-	
Clear Rule Usage	-	
Invalid Policy Action	-	
Passive Domain Mode	-	
Role-Based Actions:	-	
SysLog/AuditTrap/DisablePort	-	
Role-Based Traffic Mirror	-	
Rule-Hit Actions:	-	
SysLog/AuditTrap/DisablePort Prohibit	-	
Rule-Based Traffic Mirror	-	
Rule-Based TCI Overwrite	-	
Egress Policy	-	
Rate Limiting	X(6)	
MAC Locking	X	
ToS/DSCP Rewrite	X(7)	
Anti-Spoofing	-	

¹This firmware version supports mixed-stacking with B3 devices.

²Can be enabled at the device-level and port-level, but there can be only one active session at a time.

³One authenticated user and one VoIP phone (with VLAN tagged VoIP traffic) per port.

⁴Dynamic MAC locking supported. Static MAC Locking supported only if Policy support is enabled.

⁵This feature does not work properly unless the "Number of Users Allowed" attribute on a port is set to 2 or more.

Only one device-level VLAN to Role mapping is supported.

⁶Priority-Based rate limits inbound only. GE ports - 8 rate limits (Priority 0 only); FE ports - 2 rate limits (Priorities 0,1,2,3 and 4,5,6,7). Role-Based rate limits supported.

⁷If Policy support is enabled.

Feature Support B3/C3/G3

Functionality	B3/C3/G3 Firmware Version		
	6.03.xx	6.42.xx	6.61.xx
Authentication Support	X		
802.1X	X		
MAC	X		
MAC Mask	X		
Web-Based	X		
CEP	-		
Quarantine	-		
Auto Tracking	-		
Global Authentication Settings:	X		
Authentication Timeout	X		
Current # of Authenticated Users	X		
Multi-Users per Port	X(1)		
RFC3580 VLAN Authorization	X(2)		
RFC3580 VLAN Egress	X		
RADIUS Support	X		
RADIUS Accounting	-		
RADIUS Response Mode	X		
Priority Support (802.1p)	X		
Policy Support	X(3)		
Policy-based VLAN Egress	X		
Tagged Packet VLAN to Role Mapping	X(4)		
Authentication-based VLAN to Role Mapping	X(5)		
IP to Role Mapping	-		
MAC to Role Mapping	-		
Rule Accounting	-		
Port Disabled on Rule Hit	-		
Disable Traffic Classify Type	-		
Clear Rule Usage	-		
Invalid Policy Action	-		
Passive Domain Mode	-		
Role-Based Actions:	-		
SysLog/AuditTrap/DisablePort	-		
Role-Based Traffic Mirror	-		
Rule-Hit Actions:	-		
SysLog/AuditTrap/DisablePort Prohibit	-		
Rule-Based Traffic Mirror	-		
Rule-Based TCI Overwrite	-		
Egress Policy	-		
Rate Limiting	X(6)		
MAC Locking	X		
ToS/DSCP Rewrite	X(2)		
Anti-Spoofing	-		

¹On B3, only if Policy support is enabled. On G3, maximum eight authenticated users per port.

²On B3, up to three multiple RFC3580 users per Gigabit port. On C3, up to six multiple RFC3580 users per Gigabit

port. On G3, for 6.03.xx, RFC3580 is only supported for 802.1X authentication.

³On B3, only if Policy support is enabled. On C3 and G3, see Firmware Release Notes for details.

⁴On B3 and C3, this feature does not work properly unless the "Number of Users Allowed" attribute on a port is set to 2 or more. Supported on both device and port level, but only one mapping is allowed at the device level and on each port. On G3, only one device-level mapping is supported.

⁵On G3, supports multiple device-level mapping with a maximum of eight per port in effect at one time.

⁶For Role-Based Rate Limiting, any rate limit specified by a Class of Service in a rule is ignored. Only the role's Default Class of Service is used to specify the rate limit and this rate limit is applied to all traffic using this role.

Feature Support C2

Functionality	C2 Firmware Version			
	5.00.xx(1)	5.01.xx(1)	5.02.xx(1)	
	Authentication Support	X		
	802.1X	X(2)		
MAC	X(2)			
MAC Mask	X			
Web-Based	X(2)			
CEP	-			
Quarantine	-			
Auto Tracking	-			
Global Authentication Settings:	X			
Authentication Timeout	X			
Current # of Authenticated Users	X			
Multi-Users per Port	X(3)			
RFC3580 VLAN Authorization	X(4)			
RFC3580 VLAN Egress	X			
RADIUS Support	X			
RADIUS Accounting	-			
RADIUS Response Mode	X			
Priority Support (802.1p)	X			

Functionality	C2 Firmware Version			
	5.00.xx(1)	5.01.xx(1)	5.02.xx(1)	
	Policy Support	X(5)		
	Policy-based VLAN Egress	X		
Tagged Packet VLAN to Role Mapping	X(6)			
Authentication-based VLAN to Role Mapping	-			
IP to Role Mapping	-			
MAC to Role Mapping	-			
Rule Accounting	-			
Port Disabled on Rule Hit	-			
Disable Traffic Classify Type	-			
Clear Rule Usage	-			
Invalid Policy Action	-			
Passive Domain Mode	-			
Role-Based Actions:	-			
SysLog/AuditTrap/DisablePort	-			
Role-Based Traffic Mirror	-			
Rule-Hit Actions:	-			
SysLog/AuditTrap/DisablePort Prohibit	-			
Rule-Based Traffic Mirror	-			
Rule-Based TCI Overwrite	-			
Egress Policy	-			
Rate Limiting	X(7)			
MAC Locking	X			
ToS/DSCP Rewrite	X			
Anti-Spoofing	-			

¹This firmware version supports mixed-stacking with C3 devices.

²Can be enabled at the device-level and port-level, but there can be only one active session at a time.

³One authenticated user and one VoIP phone (with VLAN tagged VoIP traffic) per port.

⁴Up to six multiple RFC3580 users per Gigabit port (C2Gxxx-xx devices version 5.01.01.0049 and later only).

⁵See Firmware Release Notes for details.

⁶This feature does not work properly unless the "Number of Users Allowed" attribute on a port is set to 2 or more. Only one device-level VLAN to Role mapping is supported. Firmware version 5.00.xx also supports one port-level mapping per port.

⁷Priority-Based rate limits inbound only. GE ports - 8 rate limits (Priority 0 only); FE ports - 2 rate limits (Priorities 0,1,2,3 and 4,5,6,7). Role-Based rate limits supported.

Section 3: Access Control/CoS Classification Rule Support

- [B2/C2 and B3/C3/G3](#)
- [A2](#)

Rule Support B2/C2 and B3/C3/G3

		B2/C2/D2(1)		B3/C3/G3(1)		
		Access Control	CoS	Access Control	CoS	
Layer 2	Ethertype	Permit/Deny/VLAN (2)	YES	Permit/Deny/VLAN	YES	
	DSAP/SSAP	NO	NO	NO	NO	
	MAC Address Source/ Destination/Bilateral	Permit/Deny Only (MAC masking)	YES (MAC masking)	Permit/Deny Only (MAC masking)	YES (MAC masking)	
	VLAN ID	NO	NO	NO	NO	
	Priority	NO	NO	NO	NO	
	IP Type of Service	Permit/Deny Only	YES	Permit/Deny Only	YES	
	IP Protocol Type	Permit/Deny Only	YES	Permit/Deny Only	YES	
	IP Address Source/ Destination/Bilateral (IP masking)	Permit/Deny Only (IP masking)	YES (IP masking)	Permit/Deny Only (IP masking)	YES (IP masking)	
	IP Socket Source/ Destination/Bilateral (port w/ masking)	Permit/Deny Only (port w/ masking)	YES (port w/ masking)	Permit/Deny Only (port w/ masking)	YES (port w/ masking)	
	IP Fragment	NO	NO	NO	NO	
	IPX Class of Service	NO	NO	NO	NO	
	IPX Packet Type	NO	NO	NO	NO	
	Layer 3	IPX Network Source/ Destination/Bilateral	NO	NO	NO	NO
		IPX Socket Source/ Destination/Bilateral	NO	NO	NO	NO
ICMP		Permit/Deny Only (range)	YES (range)	NO	NO	
IPv6 Address Destination		NO	NO	NO	NO	
IPv6 Socket Source/ Destination/Bilateral		NO	NO	NO	NO	
IPv6 Flow Label		NO	NO	NO	NO	
ICMPv6		NO	NO	NO	NO	
IP Time to Live (TTL)	NO	NO	NO	NO		

	B2/C2/D2(1)		B3/C3/G3(1)		
	Access Control	CoS	Access Control	CoS	
Layer 4	IP UDP Port Source/ Destination/Bilateral (port range)	Permit/Deny Only	YES	Permit/Deny Only	YES
			(port range)	(port range)	(port range)
	IP TCP Port Source/ Destination/Bilateral (port range)	Permit/Deny Only	YES	Permit/Deny Only	YES
			(port range)	(port range)	(port range)
	IP UDP Port Source/ Destination/Bilateral Range	Permit/Deny Only	YES	Permit/Deny Only	YES
Layer 7	Application	NO	NO	NO	NO

¹If Policy support is enabled.

²VLAN support varies depending on versions. See your firmware release notes for more information.

Devices That Do Not Support Policy Manager Rules

Device Access Control/CoS Classification Rule Support

A2 Not Supported

Extreme Networks Support

If you require assistance, contact Extreme Networks Global Technical Assistance Center using one of the following methods.

Web	www.extremenetworks.com/support/
Phone	1-800-872-8440 (toll-free in U.S. and Canada) or 1-603-952-5000 For the Extreme Networks Support phone number in your country: www.extremenetworks.com/support/enterasys-support/contact/
Email	support@extremenetworks.com

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