

Cisco é♦©å¿œåž<ã,»ã,ãƒ¥ãƒªãƒ†ã,£
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Medium

ã,¢äf‰äf♦ä,¤ä,¶äf¤äf%ID : cisco-sa-
asa5500x-entropy-6v9bHVYP
å^♦å...-é-<æ—¥ : 2023-03-22 16:00
äf♦äf%ä,¤äf§äf³ 1.0 : Final
CVSSä,¹ä,³ä,¢ : 5.3
åžé♦¿ç- : Yes
Cisco äf♦ä,° ID : CSCvm90511

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Cisco ASA 5506-X[®] ASA 5508-X[®] and ASA 5516-X[®] appliances provide Cisco Adaptive Security Appliance (ASA) software functionality on a Cisco Firepower Threat Defense (FTD) hardware platform. The ASA 5506-X, ASA 5508-X, and ASA 5516-X are Deterministic Random Bit Generator (DRBG)-based implementations of the ASA 5500-X series. The ASA 5506-X, ASA 5508-X, and ASA 5516-X support up to 1 Gbps of throughput and up to 10 Gbps of threat defense. The ASA 5506-X, ASA 5508-X, and ASA 5516-X support up to 1 Gbps of throughput and up to 10 Gbps of threat defense.

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-asa5500x-entropy-6v9bHVYP>

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- ASA 5506-Xã,»ã,ãƒ¥ãƒãƒ†ã,£ã,çãƒ—ãƒ©ã,¤ã,çãƒ³ã,¹
- ASA 5506H-Xã,»ã,ãƒ¥ãƒãƒ†ã,£ã,çãƒ—ãƒ©ã,¤ã,çãƒ³ã,¹
- ASA 5506W-Xã,»ã,ãƒ¥ãƒãƒ†ã,£ã,çãƒ—ãƒ©ã,¤ã,çãƒ³ã,¹
- ASA 5508-Xã,»ã,ãƒ¥ãƒãƒ†ã,£ã,çãƒ—ãƒ©ã,¤ã,çãƒ³ã,¹
- ASA 5516-Xã,»ã,ãƒ¥ãƒãƒ†ã,£ã,çãƒ—ãƒ©ã,¤ã,çãƒ³ã,¹

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Lifecycle(SDL)ãƒ—ãƒã,»ã,¹ã«å¾“ã®£ã®Ýçµãæžœã®”ã®—ã®!å°žå...¥ã®•ã,Œã®ÝDRBGã®

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æ³í¼šCisco ASAã,½ãƒ•ãƒ^ã,|ã,§ã,çã¾ã®Ýã®—Cisco

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ASAæ©Ýèf½ã,’ç¤ºã®—ã¾ã®™ã€,ã¾ã®Ýã®³ã®®å^—ã®«ã®—ã®show running-

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Adaptive Security Device Managerï¼ASDMï¼‰ ¹	http server enable <port> http <remote_ip_address> <remote_subnet_mask> <interface_name>
AnyConnect SSL VPN	webvpn enable <interface_name>
Cisco Security Manager ¹	http server enable <port> http <remote_ip_address> <remote_subnet_mask> <interface_name>
ã,¬ãƒ©ã,¤ã,çãƒ³ãƒãƒ—ã,¹ SSL	webvpn

Cisco ASA æ©Ÿèƒ½	è,†å¼±æ€§ã®å¬èƒ½æ€§ãŒã,ã,«è „å®š
VPNi¼^WebVPNi¼‰	enable <interface_name>
IKEv1 VPNi¼^ãƒªãƒ¢ãƒ½ãƒ^ ã,çã,¬ã,»ã,¹ã♦Šã,^ã♦³ LAN-to-LANi¼‰ è„¼æ~Žæ>,ãƒ™ãƒ¼ã,¹ã♦®èª♦è „¼ã,'ä½¿ç”..	crypto ikev1 enable <interface_name> crypto ikev1 policy <priority> authentication rsa-sig tunnel-group <tunnel_group_name> ipsec-attributes trust-point <trustpoint_name>
IKEv2 VPNi¼^ãƒªãƒ¢ãƒ½ãƒ^ ã,çã,¬ã,»ã,¹ã♦Šã,^ã♦³ LAN-to-LANi¼‰ è„¼æ~Žæ>,ãƒ™ãƒ¼ã,¹ã♦®èª♦è „¼ã,'ä½¿ç”..	crypto ikev2 enable <interface_name> tunnel-group <tunnel_group_name> ipsec-attributes ikev2 remote-authentication certificate ikev2 local-authentication certificate <trustpoint_name>
ãƒãƒ¼ã,«ãƒ«èª♦è „¼å±€i¼^CAi¼‰	crypto ca server no shutdown
Mobile Device Manageri¼^MDMi¼‰oãƒ—ãƒã,ã,.	mdm-proxy enable <interface_name>
ãƒ¢ãƒ♦ã,¤ãƒ« ãƒ ãƒ¼ã,¶ ã,»ã,ãƒ¥ãƒ¤ãƒ†ã,£i¼^MUSi¼‰	webvpn mus password <password> mus server enable port <port #> mus <address> <mask> <interface_name>
Proxy Bypass	webvpn proxy-bypass
REST API ¹	rest-api image disk0:/<image name> rest-api agent
SSHã,çã,¬ã,»ã,¹2ã♦3	ssh <remote_ip_address> <remote_subnet_mask> <interface_name>

1. ASDM → CSM → [REST API](#) → [http://192.168.1.10:8443/api/v1](#)

2. SSH \rightarrow $f^1 / 4 \rightarrow f^{-1} \rightarrow \epsilon \rightarrow \text{ssh}$ \rightarrow $3 \rightarrow f \circ f \rightarrow f^3 \rightarrow f^{\%} \rightarrow \text{S} \rightarrow \text{e} \rightarrow \text{a} \rightarrow \text{R} \rightarrow \text{S} \rightarrow \text{a} \rightarrow \text{a} \rightarrow \text{E} \rightarrow \text{Y} \rightarrow \text{C} \rightarrow \text{a}^2 \rightarrow \text{a} \rightarrow \text{R} \rightarrow \text{IP}$

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AnyConnect SSL VPN¹ää♦2	webvpn enable <interface_name>
ã,‑äf©ã,¤ã,çäf³äf‑ã,¹SSL VPN¹/⁴WebVPN¹/⁴‰²	webvpn enable <interface_name>
HTTP ä,¶f¹/⁴äf“ã,¹ã♦Œæœ‰oåŠ¹³ää♦4	http server enable <port #> http <remote_ip_address> <remote_subnet_mask> <interface_name>
IKEv1 VPN¹/⁴äf¤äf¤äf¹/⁴äf‑ ã,¤ã,‑ã,»ã,¹ã♦Šã,^ã♦³ LAN-to-LAN¹/⁴‰ è"¹/⁴æ~Žæ›,äf™äf¹/⁴ã,¹ã♦®èª♦è"¹/⁴ã,'ä½¿ç"” 1ää♦2	crypto ikev1 enable <interface_name> crypto ikev1 policy <priority> authentication rsa-sig tunnel-group <tunnel_group_name> ipsec-attributes trust-point <trustpoint_name>
IKEv2 VPN¹/⁴äf¤äf¤äf¹/⁴äf‑ ã,¤ã,‑ã,»ã,¹ã♦Šã,^ã♦³ LAN-to-LAN¹/⁴‰ è"¹/⁴æ~Žæ›,äf™äf¹/⁴ã,¹ã♦®èª♦è"¹/⁴ã,'ä½¿ç"” 1ää♦2	crypto ikev2 enable <interface_name> tunnel-group <tunnel_group_name> ipsec-attributes ikev2 remote-authentication certificate ikev2 local-authentication certificate <trustpoint_name>
SSHä,¶f¹/⁴äf“ã,¹5ää♦6	ssh <remote_ip_address> <remote_subnet_mask> <interface_name>

1.äf¤äf¤äf¹/⁴äf‑ã,¤ã,‑ã,»ã,¹VPNæ©Ÿèf½ã, 'æœ‰oåŠ¹ã♦«ã♦™ã,ã♦«ã♦-ã€♦Cisco

FMCã♦§[Devices] > [VPN] > [Remote Access] ã, 'é♦,æŠžã♦™ã,ã♦«ã♦-ã€♦Cisco Firepower

Device Manager(FDM)ã♦§[Device] > [Remote Access VPN] ã, 'é♦,æŠžã♦—ã♦³/⁴ä♦™ã€,

2.ã,‑äf©ã,¤ã,çäf³äf‑ã,¹SSL

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3. HTTPæ©Ÿèf½ã, 'æœ‰oåŠ¹ã♦«ã♦™ã,ã♦«ã♦-ã€♦Cisco Firepower Management

Console(FMC)ã♦§[Firepower Threat Defense Platform Settings] > [HTTP]

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4. HTTPä,¶f¹/⁴äf“ã,¹ã♦«ã♦-ã€♦è"å®šã♦•ã,Œã♦Ÿ

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- ASA 5525-Xã♦5545-Xã♦5555-Xã♦ã♦Šã,^ã♦³5585-
 Xã,»ã,ãf¥ãfªãftã,£ã,çãf—ãf©ã,¤ã,cãf³ã,¹
- Cisco Catalyst 6500 ã,·ãfªãf¼ã,º ã,¹ã,¤ãffãf♦ã♦Šã,^ã♦³ Cisco 7600 ã,·ãfªãf¼ã,º
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- Firepower 2100 ã,·ãfªãf¼ã,º
- Firepower 4100 ã,·ãfªãf¼ã,º
- Firepower 9300 ã,·ãfªãf¼ã,º
- Firepower Threat Defense Virtual(FTDv/NGFWv)
- Cisco Secure Firewall 3100 ã,·ãfªãf¼ã,º

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SSL/TLSæ®Ýè£½ã♦®ã♦¿ã♦§ãä½¿ç””ã♦•ã,CEã,æš—å♦•ã,ãf¼ã♦»ã”¾ã♦—ã♦|ã€♦ã♦”ã♦®è,,†å¼%

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ca import <trust-point-name> pkcs12

<passphrase>ã,³ãfžãf³ãf%oã, ’æ½¿ç””ã—ã♦|ã€♦ã,ãf¼ã♦” è”¼æ~žæ»,ã,’å♦»ã,€Base
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Cisco Adaptive Security Device

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Technical Assistance

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Cisco Software Checker

Fixed Checker

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Cisco Product Security Incident Response

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<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-asa5500x-entropy-6v9bHVYP>

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翻訳について

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