

ØªÙfÙ^ÙŠÙ† Ø§Ù,,Ø£Ø°Ù^Ù†Ø§Øª  
Ø§Ù,,Ø®Ø§Ø© Ø·Ù...Ù^Øµ,, Mac Connector  
Ø§Ù,,Ø¸Ù...Ù† Ù,,Ù†Ù,Ø·Ø©  
Ø§Ù,,Ù†Ù‡Ø§ÙŠØ© Ù^Ø§Ù,,Ù...Ø¯Ø§Ø±  
Ø§Ù,,Ù...Ø¯Ø§Ø±ÙŠ Ø·Ø§Ø³ØªØ®Ø¯Ø§Ù...  
MDM: Ø§Ù,,Ù^Øµ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,,  
Ù,,Ù,,Ù,Ø±Øµ^Ø§Ù...ØªØ¯Ø§Ø¯Ø§Øª  
Ø§Ù,,Ù†Ø,Ø§Ù...

Ø§Ù,,Ù...ØªÙ^ÙŠØ§Øª

[Ø§Ù,,Ù...Ù,Ø·Ù...Ø©](#)  
[Ù...Ù..Ù♦Ø§Øª ØªØ¹Ø±ÙŠÙ♦ MDM](#)  
[Ø¥Ø³ØªØ´Ø§Ø±Ø§Øª](#)  
[Ø§Ù,,Ø¯Ø§Ù,,Ø£Ø¯Ù†Ù% Ù,,Ù...ØªØ·Ù,,Ø·Ø§Øª Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ·ØªÙŠÙ,,  
ØªØªÙŠÙŠØ±Ø§Øª Ù...Ù‡Ù...Ø©](#)  
[Ø§Ù,,Ù...Ù^Ø§Ù♦Ù,Ø© Ø¹Ù,,Ù% Ø§Ù,,Ù^Ø¯Ø§Ø¯Øª MacOS Ù,,Ù...Ù^ØµÙ,, Mac](#)  
[Ø§Ù,,Ù...Ù^Ø§Ù♦Ù,Ø© Ø¹Ù,,Ù% Ù...Ù,,ØÙ,Ø§Øª MacOS Ù,,Ù...Ù^ØµÙ,, MacOS Ù♦ÙŠ](#)  
[Ù†Ù,Ø·Ø© Ø§Ù,,Ù†Ù‡Ø§ÙŠØ©](#)  
[Ø§Ù,,Ù...Ù^Ø§Ù♦Ù,Ø© Ø¹Ù,,Ù% Ø§Ù,,Ù^Ø¯Ø§Ø¯Ø§Øª MacOS Ù,,Ù...Ù^ØµÙ,, MacOS](#)  
[Ø¯Ø§Ø³ØªØ©Ø¯Ø§Ù... MDM](#)  
[Ø¥Ø²Ø§Ù,,Ø© Ø§Ù,,Ù^Ø¯Ø§Ø¯Ø§Øª MacOS Ù,,Ù...Ù^ØµÙ,, MacOS Ø¯Ø§Ø³ØªØ©Ø¯Ø§Ù... MDM](#)  
[Ø§Ù,,Ù^Øµ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ](#)  
[Ø§Ù,,Ù...Ù^Ø§Ù♦Ù,Ø© Ø¹Ù,,Ù% Ø§Ù,,Ù^Øµ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ](#)  
[Ù,,Ø¥ØµØ¯Ø§Ø±Ø§Øª Ø§Ù,,Ù...Ù^ØµÙ,, Ø§Ù,,Ø£Ù,Ø·Ù... Ù...Ù† 1.18.0 Ø¹Ù†Ø¯ Ù†Ù,Ø·Ø©](#)  
[Ø§Ù,,Ù†Ù‡Ø§ÙŠØ©](#)  
[Ø§Ù,,Ù...Ù^Ø§Ù♦Ù,Ø© Ø¹Ù,,Ù% Ø§Ù,,Ù^Øµ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ Ù,,](#)  
[Cisco Orbital atEndpoint](#)  
[Ø§Ù,,Ù...Ù^Ø§Ù♦Ù,Ø© Ø¹Ù,,Ù% Ø§Ù,,Ù^Øµ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ](#)  
[Ù,,Ù...Ù^ØµÙ,, Ù†Ù,Ø·Ø© Ø§Ù,,Ù†Ù‡Ø§ÙŠØ© Ø§Ù,,Ø¸Ù...Ù†Ø© 1.18.0 Ù...Ù† Cisco](#)  
[Ù^Ø§Ù,,Ø¥ØµØ¯Ø§Ø±Ø§Øª Ø§Ù,,Ø£Ø¯Ø¯Øª Ø¹Ù,,Ù% Ù†Ù,Ø·Ø© Ø§Ù,,Ù†Ù‡Ø§ÙŠØ©](#)  
[Ø§Ù,,Ù...Ù^Ø§Ù♦Ù,Ø© Ø¹Ù,,Ù% Ø§Ù,,Ù^Øµ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ](#)  
[Ù,,Ù...Ù^ØµÙ,, Ø¯Ø§Ø³ØªØ©Ø¯Ø§Ù... MDM](#)  
[Ø§Ù,,Ù...Ù^Ø§Ù♦Ù,Ø© Ø¹Ù,,Ù% Ø§Ù,,Ù^Øµ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ Ù,,](#)  
[Cisco Orbital with MDM](#)  
[Ù†Ù...Ù^ØªØ¯Ù...Ù..Ù♦ ØªØ¹Ø±ÙŠÙ♦ ØªÙfÙ^ÙŠÙ† MDM](#)  
[Ù†Ù...Ù^ØªØ¯ÙªÙfÙ^ÙŠÙ† MDM Ù,,Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ·ØªÙŠÙ,, MacOS 10.15 Ø£Ù^](#)  
[Ø¥Ø¯Ø§Ø± Ø£Ù,Ø·Ù...](#)  
[Ø·Ù†ÙŠØ© Ø·Ù,,ÙŠÙ,, Ø¯Ø·ÙŠØ¯Ø©](#)  
[Ø§Ù,,Ø¥Ø¯Ø§Ø±Ø§Øª 1.14.0 Ø¥Ù,,Ù% 1.16.2](#)  
[Ø§Ù,,Ø¥Ø¯Ø§Ø±Ø§Øª 1.18.0 Ù^Ø§Ù,,Ø¥Ø¯Ø§Ø±Ø§Øª Ø§Ù,,Ø£Ø¯Ø¯Øª](#)  
[Ù...Ø·ÙfÙ,,Ø§Øª Ù...Ø¹Ø±Ù^Ù♦Ø© Ù...Ø¹ MacOS 11.0 Ù^Ù...Ù^ØµÙ,, Mac 1.14.1.](#)



Ø§Ù,,Ù...Ø-Ø§Ø±ÙŠØ© 1.21. Ø§Ø±Ø-Ø¹ Ø¥Ù,,Ù% Ø§Ù,,Ø£Ù,,Ø³Ø§Ù... Ø§Ù,,Ù...Ø-Ø§Ø±ÙŠØ© Ù...Ù† Cisco Ù-ÙŠ Ù†Ø°Ø§ Ø§Ù,,Ù...Ø³ØªÙ†Ø- Ù,,Ù,,ØØµÙ^Ù,, Ø¹Ù,,Ù% ØªÙ-Ø§ØµÙŠÙ,, ØÙ^Ù,, Ù†ÙŠÙ-ÙŠØ© Ù...Ù†Ø Ø£Ø°Ù^Ù†Ø§Øª Ø§Ù,,Ù^ØµÙ^Ù,, Ø§Ù,,Ù†Ø§Ù...Ù,, Ø§Ù,,Ø¥Ø¶Ø§Ù-ÙŠØ© Ø¥Ù,,Ù% Ø§Ù,,Ù,,Ø±Øµ Ø§Ù,,Ù...Ø-Ù,,Ù^Ø-Ø© Ù,, Orbital.

## Ø§Ù,,ØØ- Ø§Ù,,Ø£Ø-Ù†Ù% Ù,,Ù...ØªØ·Ù,,Ø·Ø§Øª Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ´Ø°ÙŠÙ,,

ÙŠØ-Ø¹Ù... Ù...Ù^Øµ,, Mac Connector 1.14.0 Ù,,Ù†Ù,,Ø-Ø© Ø§Ù,,Ù†Ù†Ø§ÙŠØ© Ø§Ù,,Ø£Ù...Ù†Ø© Ù...Ù† Cisco Ø¥ØØ-Ø§Ø±Ø§Øª MacOS:

- MacOS 11Ø£ Ù...Ø¹ Ø§Ù...ØªØ-Ø§Ø-Ø§Øª Ù†Ø,Ø§Ù... MacOS.
- MacOS 10.15.5 Ù^Ø§Ù,,Ø¥ØØ-Ø§Ø±Ø§Øª Ø§Ù,,Ø£ØØ-Ø«Ø£ Ù...Ø¹ Ø§Ù...ØªØ-Ø§Ø-Ø§Øª Ù†Ø,Ø§Ù... MacOS.
- Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ´Ø°ÙŠÙ,, MacOS 10. 15. 0 Ù...Ù† Ø@Ù,,Ø§Ù,, Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ´Ø°ÙŠÙ,, MacOS 10. 15. 4Ø£ Ù...Ø¹ Ø§Ù...ØªØ-Ø§Ø-Ø§Øª Ù†Ù^Ø§Ø© Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ´Ø°ÙŠÙ,, MacOS.
- MacOS 10. 14Ø£ Ù...Ø¹ Ø§Ù...ØªØ-Ø§Ø-Ø§Øª Ù†Ù^Ø§Ø© MacOS.

ÙŠØ-Ø¹Ù... Ù...Ù^Øµ,, Mac Ù,,Ù†Ù,,Ø-Ø© Ø§Ù,,Ù†Ù†Ø§ÙŠØ© Ø§Ù,,Ø£Ù...Ù†Ø© 1.14.1 Ù...Ù† Cisco Ø¥ØØ-Ø§Ø±Ø§Øª MacOS:

- MacOS 11Ø£ Ù...Ø¹ Ø§Ù...ØªØ-Ø§Ø-Ø§Øª Ù†Ø,Ø§Ù... MacOS.
- Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ´Ø°ÙŠÙ,, MacOS 10. 15 Ù...Ø¹ Ø§Ù...ØªØ-Ø§Ø-Ø§Øª Ù†Ù^Ø§Ø© Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ´Ø°ÙŠÙ,, MacOS.
- MacOS 10. 14Ø£ Ù...Ø¹ Ø§Ù...ØªØ-Ø§Ø-Ø§Øª Ù†Ù^Ø§Ø© MacOS.

ØªÙ... ØªÙ,,Ø-ÙŠÙ... Ø-Ø¹Ù... Cisco Orbital Ø¹Ù,,Ù% Ø£Ø-Ù†Ø²Ø© Intel Ù-ÙŠ Ø§Ù,,Ø¥ØµØ-Ø§Ø± 1.16.0 Ù...Ù† Ù...Ù^ØµÙ,, Mac Ù,,Ù†Ù,,Ø-Ø© Ø§Ù,,Ù†Ù†Ø§ÙŠØ© Ø§Ù,,Ø£Ù...Ù†Ø©. ØªÙ... ØªÙ,,Ø-ÙŠÙ... Ø-Ø¹Ù... Cisco Orbital Ø¹Ù,,Ù% Ø£Ø-Ù†Ø²Ø© Ø³ÙŠÙ,,ÙŠÙ†Ù^Ù† Apple Ù-ÙŠ Ø§Ù,,Ø¥ØµØ-Ø§Ø± 1.20.0 Ù...Ù† Ù...Ù^ØµÙ,, Mac Ù,,Ù†Ù,,Ø-Ø© Ø§Ù,,Ù†Ù†Ø§ÙŠØ© Ø§Ù,,Ø£Ù...Ù†Ø©.

[Ø±Ø§Ø-Ø¹ Ø-Ø-Ù^Ù,, ØªÙ-Ø§Ù-Ù,, Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ´Ø°ÙŠÙ,,](#) Ù,,Ù,,ØØµ^Ù,, Ø¹Ù,,Ù% ØªÙ-Ø§Ù-Ù,, Ù...Ù^ØµÙ,, Mac Ø§Ù,,ØØ§Ù,,ÙŠ.

## ØªØ´Ø°ÙŠÙŠØ±Ø§Øª Ù...Ù†Ù...Ø©

Ø£Ø-Ø@Ù,, Ù...Ù^Øµ,, Mac 1.14 ØªØ´Ø°ÙŠÙŠØ±Ø§Øª Ù...Ù†Ù...Ø© Ù-ÙŠ Ø«Ù,,Ø§Ø«Ø© Ù...Ø-Ø§Ù,,Ø§Øª:

1. Ø§Ù,,Ù...Ù^Ø§Ù-Ù,,Ø© Ø¹Ù,,Ù% Ù...Ù,,ØÙ,,Ø§Øª MacOS Ø§Ù,,Ù...Ø³ØªØØØ-Ù...Ø© Ù...Ù† Ù,,Ø-Ù,, Ø§Ù,,Ù...Ù^ØµÙ,,
2. Ø§Ù,,Ù^Øµ^Ù,, Ø§Ù,,Ù†Ø§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,,Ø±Øµ
3. Ø-Ù†ÙŠØ© Ø-Ù,,ÙŠÙ,, Ø-Ø-ÙŠØ-Ø©

Ù,,Ø-Ù... MacOS 12 Ø@ÙŠØ§Ø± MDM Ù,,Ù,,Ø³Ù...Ø§Ø Ø-Ø¥Ø²Ø§Ù,,Ø© Ø§Ù...ØªØ-Ø§Ø-Ø§Øª MacOS Ù,,Ù,,Ù...Ù^Øµ,, Ø-Ø-Ù^Ù† Ù...Ù^Ø-Ù† Ù,,Ù†Ù,,Ù...Ø§Øª Ù...Ø±Ù^Ø± Ø§Ù,,Ù...Ø³ØªØØØ-Ù....

# Ø§Ù,,Ù...Ù^Ø§Ù◆Ù,Ø© Ø¹Ù,,Ù%º Ø§Ù...ØªØ-Ø§Ø-Øª MacOS Ù,,Ù...Ù^ØµÙ,, Mac

Ù§Ø³ªØ©Ø-Ù... Ù...Ù^Øµ,, Mac Ø§Ù...Ø§ Ø§Ù...ØªØ-Ø§Ø-Ø§Øª Ø§Ù,,Ù+Ø,Ø§Ù... Ø£Ù^  
Ø§Ù...ØªØ-Ø§Ø-Ø§Øª kernel Ø§Ù,,Ù,Ø-Ù§Ù...Ø© Ù,,Ù...Ø±Ø§Ù,Ø-Ø© Ø£Ù+Ø-Ø-Ø©  
Ø§Ù,,Ù+Ø,Ø§Ù...Ø£ ØØ³Ø- Ø§Ù,,ØØ§Ø-Ø© Ù,,Ø¥ØØ-Ø§Ø± MacOS. Ù◆Ù§ MacOS 11Ø£  
ØªØ³ªØ-Ø-Ù,, [Ø§Ù...ØªØ-Ø§Ø-Ø§Øª Ø§Ù,,Ù+Ø,Ø§Ù... Ø§Ù...ØªØ-Ø§Ø-Ø§Øª Kernel](#)  
Ø§Ù,,Ù,Ø-Ù§Ù...Ø© Ø°Ù§Ø± Ø§Ù,,Ù...Ø-Ø¹Ù^Ù...Ø© Ù◆Ù§ MacOS 11 Ù^Ù...Ø§ Ø-Ø¹Ø-Ù±.  
Ù§Ù,,Ø²Ù... Ø§Ù,,ØØµÙ^Ù,, Ø¹Ù,,Ù%º Ù...Ù^Ø§Ù◆Ù,Ø© Ø§Ù,,Ù...Ø³ªØ©Ø-Ù... Ø¹Ù,,Ù%º  
Ø-Ù...Ù§Ø¹ Ø¥ØµØ-Ø§Ø±Ø§Øª Ù+Ø,Ø§Ù... Ø§Ù,,ØªØ-Ø°Ù§Ù,, MacOS Ù,Ø-Ù,, Ø§Ù,,Ø³Ù...Ø§Ø  
Ø-ØªØ-Ø°Ù§Ù,, Ø£Ù§ Ù+Ù^Ø¹ Ù...Ù+ Ø§Ù,,Ø§Ù...ØªØ-Ø§Ø-Ø§Øª. Ø-Ø-Ù^Ù+  
Ø§Ù,,Ù...Ù^Ø§Ù◆Ù,Ø©Ø£ Ù,,Ø§ ØªØªÙ^Ù◆Ø± Ù^Ø,Ø§Ø!Ù◆ Ù...Ø¹Ù§Ù+Ø© Ù,,Ù,,Ù...Ù^ØµÙ,,  
Ù...Ø«Ù,, Ù...Ø³Ø Ø§Ù,,Ù...Ù,,Ù◆Ø§Øª Ø¹Ù+Ø- Ø§Ù,,Ù^ØµÙ^Ù,, Ù^Ù...Ø±Ø§Ù,Ø-Ø©  
Ø§Ù,,Ù^ØµÙ^Ù,, Ø¥Ù,,Ù%º Ø§Ù,,Ø-Ø-ÙfØ©.

Ù§Ù,Ø-Ù... Ù...Ù^Øµ,, Mac 1. 14 Ø§Ù...ØªØ-Ø§Ø-Ù§Ù+ Ø-Ø-Ù§Ù-Ù§Ù+ Ù,,Ù+Ø,Ø§Ù...  
Ø§Ù,,ØªØ-Ø°Ù§Ù,, MacOS:

1. Ù...Ù,,ØÙ, [Ø£Ù...Ø§Ù+ Ù+Ù,Ø-Ø© Ø§Ù,,Ù+Ù+Ø§Ù§Ø©](#)Ø£ Ø§Ù,,Ù...Ø³Ù...Ù%º  
Ù...Ø±Ø§Ù,Ø-Ø© Ù...Ù,,Ù◆ Ù+Ù,Ø-Ø© Ø§Ù,,Ù+Ù+Ø§Ù§Ø© Ø§Ù,,ØçÙ...Ù+Ø©  
(Ø§Ù,,Ù...Ø¹Ø±Ù^Ù◆Ø© Ø³Ø§Ø-Ù,Ø§ Ø-Ø§Ø³Ù... Ù...Ù,,ØÙ, Ø£Ù...Ø§Ù+ AMP)Ø£  
Ù,,Ù...Ø±Ø§Ù,Ø-Ø© Ø£ØØ-Ø§Ø« Ø§Ù,,Ù+Ø,Ø§Ù...
2. Ø§Ù...ØªØ-Ø§Ø-ØªØ§Ù...Ù,,ØªØµÙ◆Ù§Ø© Ù...ØªØªÙ^Ù%º [Ø§Ù,,Ø-Ø-ÙfØ©](#)Ø£  
Ø§Ù,,Ù...Ø³Ù...Ù%º Cisco Secure Endpoint Filter (Ø§Ù,,Ù...Ø¹Ø±Ù^Ù◆ Ø³Ø§Ø-Ù,Ø§  
Ø-Ø§Ø³Ù... AMP Network Extension)Ø£ Ù,,Ù...Ø±Ø§Ù,Ø-Ø© Ø§Ù,,Ù^ØµÙ^Ù,, Ø¥Ù,,Ù%º  
Ø§Ù,,Ø-Ø-ÙfØ©

Ù§ØªÙ... ØªØ¶Ù...Ù§Ù+ Ù...Ù,,ØÙ,Ø§Øª Kernel Ø§Ù,,Ù,Ø-Ù§Ù...Ø©Ø£ ampfiler.kext  
Ù^ampnetworkflow.kextØ£ Ù,,Ù,,ØªØ-Ø§Ù◆Ù, Ù...Ø¹ Ø¥ØµØ-Ø§Ø±Ø§Øª MacOS  
Ø§Ù,,Ù,Ø-Ù§Ù...Ø© Ø§Ù,,ØªØ-Ø¹Ù... Ù...Ù,,ØÙ,Ø§Øª Ù+Ø,Ø§Ù... MacOS  
Ø§Ù,,Ø-Ø-Ù§Ø-

Ø§Ù,,Ù...Ù^Ø§Ù◆Ù,Ø§Øª Ø§Ù,,Ù...Ø-Ù,,Ù^Ø-Ø© Ù,,Ù+Ø,Ø§Ù... Ø§Ù,,ØªØ-Ø°Ù§Ù,, MacOS 11\*  
Ù^Ø§Ù,,Ø¥ØµØ-Ø§Ø±Ø§Øª Ø§Ù,,Ø£ØØ-Ø«:

- Ø§Ù,,Ù...Ù^Ø§Ù◆Ù,Ø© Ø¹Ù,,Ù%º ØªØÙ...Ù§Ù,, Ù...Ø±Ø§Ù,Ø-Ø© Ù...Ù,,Ù◆ Ù+Ù,Ø-Ø©  
Ø§Ù,,Ù+Ù+Ø§Ù§Ø© Ø§Ù,,ØçÙ...Ù+Ø©
- Ø§Ù,,Ù...Ù^Ø§Ù◆Ù,Ø© Ø¹Ù,,Ù%º ØªØÙ...Ù§Ù,, Ø¹Ø§Ù...Ù,, ØªØµÙ◆Ù§Ø© Ù+Ù,Ø-Ø©  
Ø§Ù,,Ù+Ù+Ø§Ù§Ø© Ø§Ù,,ØçÙ...Ù+Ø© Ù...Ù+ Cisco
- Ø§Ù,,Ø³Ù...Ø§Ø Ù,,ØªØ§Ù...Ù,, ØªØµÙ◆Ù§Ø© Ù+Ù,Ø-Ø© Ø§Ù,,Ù+Ù+Ø§Ù§Ø©  
Ø§Ù,,ØçÙ...Ù+Ø© Ù...Ù+ Cisco Ø-ØªØµÙ◆Ù§Ø© Ù...ØªØªÙ^Ù%º Ø§Ù,,Ø-Ø-ÙfØ©

\*\* Ù§ØªÙ...Ø-Ø-Ø£Ù§Ø¶Ø§ Mac Connector Ø§Ù,,Ø¥ØØ-Ø§Ø± 1.14.0 Ù+Ø°Ù+  
Ø§Ù,,Ù...Ù^Ø§Ù◆Ù,Ø§Øª Ø¹Ù,,Ù%º MacOS 10.15. Ù,,Ù... ØªØ¹Ø-Ù+Ø°Ù+  
Ø§Ù,,Ù...Ù^Ø§Ù◆Ù,Ø§Øª Ù...Ø-Ù,,Ù^Ø-Ø© Ø¹Ù,,Ù%º MacOS 10.15 Ù,,Ù...Ù^ØµÙ,, Mac 1.14.1  
Ø£Ù^ Ø§Ù,,Ø£ØØ-Ø«.

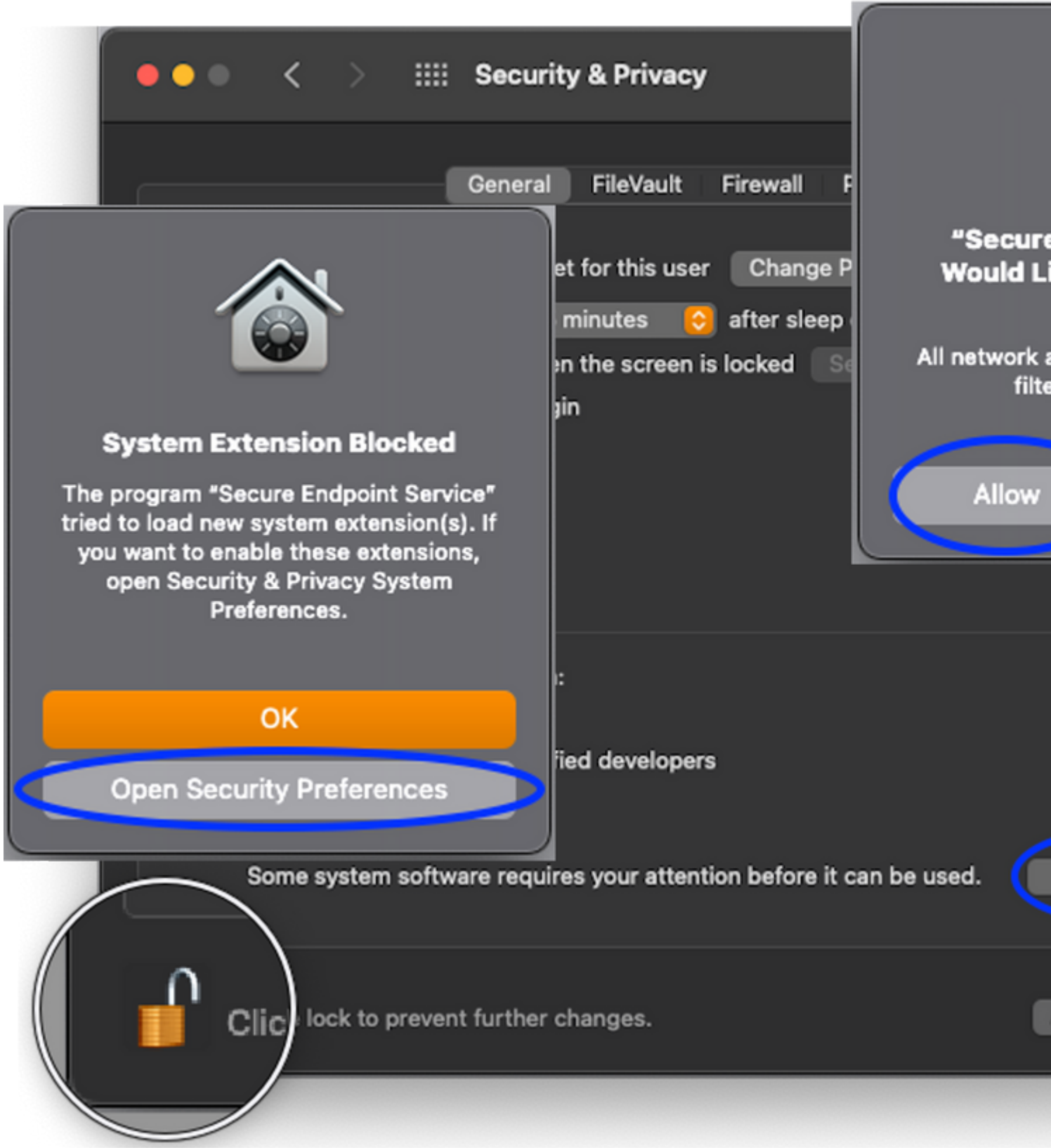
Ø§Ù,,Ù...Ù^Ø§Ù ðÙ,Ø§Øª Ø§Ù,,Ù...Ø·Ù,,Ù^Ø·Ø© Ù,, MacOS 10. 14 Ù^ MacOS 10. 15:

- Ø§Ù,,Ù...Ù^Ø§Ù ðÙ,Ø© Ø¹Ù,,Ù%º Ù...Ù,,ØÙ,Ø§Øª ÙÙÙ^Ø§Ø© Ø§Ù,,Ù...Ù^ØµÙ,, Ù,,ØªØÙ...Ù§Ù,,Ù±Ø§

Ù§Ù...ÙfÙ† Ù...Ù†Ø Ù±Ø°Ù± Ø§Ù,,Ù...Ù^Ø§Ù ðÙ,Ø§Øª Ù ðÙ§ ØªÙ ð¶Ù§Ù,,Ø§Øª  
 Ø§Ù,,Ø£Ù...Ø§ÙÙ† Ù^Ø§Ù,,Ø©ØµÙ^ØµÙ§Ø© Ù,,Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ´Ø°Ù§Ù,, MacOS Ø¹Ù,,Ù%º  
 ÙÙÙ,Ø·Ø© Ø§Ù,,ÙÙÙ±Ø§Ù§Ø©Ø©Ø£ Ø£Ù^ Ù...Ù† Ø©Ù,,Ø§Ù,, Ù...Ù,,Ù ðØ§Øª ØªØ¹Ø±Ù§Ù ð  
[Ø£Ø´Ø§Ø±Ø© Ø§Ù,,Ø£Ø´Ù±Ø²Ø© Ø§Ù,,Ù...ØÙ...Ù^Ù,,Ø© \(MDM\).](#)

**Ø§Ù,,Ù...Ù^Ø§Ù ðÙ,Ø© Ø¹Ù,,Ù%º Ù...Ù,,ØÙ,Ø§Øª MacOS Ù,,Ù...Ù^ØµÙ,,  
 MacOS Ù ðÙ§ ÙÙÙ,Ø·Ø© Ø§Ù,,ÙÙÙ±Ø§Ù§Ø©**

Ù§Ù...ÙfÙ† Ø§Ø¹ØªÙ...Ø§Ø´ Ø§Ù...ØªØ´Ø§Ø´Ø§Øª Ø§Ù,,Ù†Ø,Ø§Ù... Ù^Ø§Ù,,ÙÙÙ^Ø§Ø©  
 Ù§Ø´Ù^Ù§Ø§ Ù...Ù† Ø´Ø²Ø¶ ØªÙ ð¶Ù§Ù,,Ø§Øª Ø§Ù,,Ø£Ù...Ø§ÙÙ† Ù^Ø§Ù,,Ø©ØµÙ^ØµÙ§Ø©  
 Ù,,Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ´Ø°Ù§Ù,, MacOS.



Ø§Ù,,Ù...Ù^Ø§Ù◆Ù,Ø© Ø¹Ù,,Ù%Ø Ø§Ù...ØªØ-Ø§Ø-Ø§Øª MacOS Ù,,Ù...Ù^ØµÙ,, MacOS Ø"Ø§Ø³ØªØ®Ø-Ø§Ù... MDM

Ù...Ù,,Ø§ØØ,Ø©: Ù,,Ø§ Ù§Ù...ÙfÙ† Ø§Ù,,Ù...Ù^Ø§Ù◆Ù,Ø© Ø"Ø£Ø«Ø± Ø±Ø-Ø¹Ù§ Ø¹Ù,,Ù%Ø. Ù...Ù,,ØÙ,Ø§Øª Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ-Ø°Ù§Ù,, MacOS Ø¹Ø-Ø± MDM. Ù◆Ù§ ØØ§Ù,,Ø© Ø¹Ø-Ù... Ù†Ø'Ø± Ù...Ù,,Ù◆ ØªØ¹Ø±Ù§Ù◆ MDM Ù,Ø"Ù,, ØªØ«Ø"Ù§Øª Ø§Ù,,Ù...Ù^ØµÙ,,Ø£ Ù,,Ø§



Ø§Ù,,ØÙ...Ù`Ù,,Ø©	Ø®Ø§ØµØµŠØ©	Ø§Ù,,Ù,ÙŠÙ...Ø©
		Ø§Ù,,Ù...Ù`Øµ,, Ø£Ù,Ø`Ù... Ù...Ù† 1.18.0

## Ø¥Ø²Ø§Ù,,Ø© Ø§Ù...ØªØ-Ø§Ø-Ø§Øª MacOS Ù,,Ù...Ù`Øµ,, MacOS Ø`Ø§Ø³ØªØ®Ø-Ø§Ù... MDM

ÙŠØªÙŠØ Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ`ØªÙŠÙ,, MacOS 12 Ù`Ø§Ù,,Ø¥ØØ-Ø§Ø±Ø§Øª Ø§Ù,,Ø£ØØ-Øª ØªÙ...ÙŠÙŠØ² Ø§Ù...ØªØ-Ø§Ø-Ø§Øª Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ`ØªÙŠÙ,, MacOS Ø¹Ù,,Ù% Ø£Ù†Ù†Ø§ Ù,Ø§Ø`Ù,,Ø© Ù,,Ù,,Ø¥Ø²Ø§Ù,,Ø© Ø`Ø§Ø³ØªØ®Ø-Ø§Ù... Ø®Ø§ØµØµŠØ© [MobileSystemExtensions](#) ÙfÙ...Ø§ Ù†Ù` Ù...Ù`Ø¶Ø Ø£Ø-Ù†Ø§Ù†.

Ù...Ù,,Ø§ØØ,Ø©: Ø¹Ù†Ø- Ø§Ù,,Ø³Ù...Ø§Ø Ø`Ø¥ØªÙ† Ù,Ø§Ø`Ù,, Ù,,Ù,,Ø¥Ø²Ø§Ù,,Ø© Ù,,Ø§Ù...ØªØ-Ø§Ø- MacOSØ£ ÙŠÙ...ÙfÙ† Ù,,Ø£ÙŠ Ù...Ø³ØªØ®Ø-Ù... Ø£Ù` Ø¹Ù...Ù,,ÙŠØ© ØªØ§Øª Ø§Ù...ØªÙŠØ§Ø²Ø§Øª Ø-Øª± Ø¥Ø²Ø§Ù,,Ø© Ø§Ù,,Ø§Ù...ØªØ-Ø§Ø- Ø`Ø-Ù`Ù† Ù...Ø-Ø§Ù,,ØªØ Ø`ÙfÙ,,Ù...Ø© Ù...Ø±Ù`Ø± Ø§Ù,,Ù...Ø³ØªØ®Ø-Ù... Ù`Ø-Ø§Ù,,ØªØ§Ù,,ÙŠØ£ ÙŠØ-Ø` Ø¥Ø³ØªØ®Ø-Ø§Ù... Ø§Ù,,Ø®Ø§ØµØµŠØ© MobileSystemExtensions Ù`Ù,Ø: Ø¹Ù†Ø-Ù...Ø§ ÙŠØ±ÙŠØ- Ø§Ù,,Ù...Ø³ØªÙ`Ù,, Ø£ØªÙ...ØªØ Ø¥Ø²Ø§Ù,,Ø© ØªØ«Ø`ÙŠØª Ø§Ù,,Ù...Ù`Øµ,, Ù...Ù,,Ø§ØØ,Ø©: Ù,,Ø§ ÙŠÙ...ÙfÙ† Ø¥Ø²Ø§Ù,,Ø© Ø§Ù...ØªØ-Ø§Ø-Ø§Øª MacOS Ø`Ø£Ø«Ø± Ø±Ø-Ø¹ÙŠ Ø¹Ø-Ø± MDM. Ø¥ØªØ§ Ù,,Ù... ÙŠØªÙ... Ù†Ø`Ø± Ù...Ù,,Ù` ØªØ¹Ø±ÙŠÙ` MDM Ù,Ø`Ù,, Ø¥Ø²Ø§Ù,,Ø© ØªØ«Ø` ÙŠØª Ø§Ù,,Ù...Ù`Øµ,,Ø£ Ù,,Ø§ ÙŠØªÙ... Ù...Ù†Ø Ù...Ù`Ø§Ù`Ù,Ø© Ø¹Ù,,Ù% Ø¥Ø²Ø§Ù,,Ø© Ø§Ù...ØªØ-Ø§Ø-Ø§Øª MacOS Ù`ÙŠØ-Ù,,Ø` Ù...Ù† Ø§Ù,,Ù...Ø³ØªØ®Ø-Ù... Ø¥Ø-Ø®Ø§Ù,, ÙfÙ,,Ù...Ø© Ù...Ø±Ù`Ø± ÙŠØ-Ù`ÙŠØ§ Ø¹Ù,,Ù% Ù†Ù,Ø·Ø© Ø§Ù,,Ù†Ù†Ø§ÙŠØ© Ø£Ø«Ù†Ø§Ø; Ø¹Ù...Ù,,ÙŠØ© Ø¥Ø²Ø§Ù,,Ø© ØªØ«Ø` ÙŠØª Ø§Ù,,Ù...Ù`Øµ,, Ù,,Ø¥Ø²Ø§Ù,,Ø© Ø§Ù...ØªØ-Ø§Ø-Ø§Øª MacOS.

ÙŠÙ...ÙfÙ† Ø¥Ø²Ø§Ù,,Ø© Ù...Ù,,ØÙ,Ø§Øª Ù†Ù,Ø·Ø© Ø§Ù,,Ù†Ù†Ø§ÙŠØ© Ø§Ù,,Ø£Ù...Ù†Ø© ÙfØ-Ø²Ø; Ù...Ù† Ø¥Ø²Ø§Ù,,Ø© ØªØ«Ø`ÙŠØª Ø§Ù,,Ù...Ù`Øµ,, Ù`ØªÙ,,Ùf Ø¹Ù†Ø- ØªØ«Ø`ÙŠØª Ù...Ù,,Ù` ØªØ¹Ø±ÙŠÙ` Ø¥Ø-Ø§Ø±Ø© Ø`Ø®Ø§ØµÙŠØ© RemovableSystemExtensions Ù...Ø¶Ø§Ù`Ø© Ø¥Ù,,Ù% ØÙ...Ù`Ù,,Ø© SystemExtensions. ÙŠØ-Ø` Ø£Ù† ØªØªÙ`ÙŠ Ø§Ù,,Ø®Ø§ØµÙŠØ© MobileSystemExtensions Ø¹Ù,,Ù% Ù...Ø¹Ø±Ù`Ø§Øª Ø§Ù,,Ø²Ù...Ø© Ù,,ÙfÙ,, Ù...Ù† Ù...Ù,,ØÙ,Ø§Øª Ù†Ù,Ø·Ø© Ø§Ù,,Ù†Ù†Ø§ÙŠØ© Ø§Ù,,Ø£Ù...Ù†Ø©:

Ø§Ù,,ØÙ...Ù`Ù,,Ø©	Ø®Ø§ØµØµŠØ©	Ø§Ù,,Ù,ÙŠÙ...Ø©
Ø§Ù...ØªØ-Ø§Ø-Ø§Øª Ø§Ù,,Ù†Ø,Ø§Ù... Ø§Ù,,Ù,Ø§Ø`Ù,,Ø© Ù,,Ù,,Ø¥Ø²Ø§Ù,,Ø©	Ø§Ù...ØªØ-Ø§Ø-Ø§Øª Ø§Ù,,Ù†Ø,Ø§Ù... Ø§Ù,,Ù,Ø§Ø`Ù,,Ø© Ù,,Ù,,Ø¥Ø²Ø§Ù,,Ø©	com.cisco.endpoint.svc.securityExtensionØ£ com.cisco.endpoint.svc.networkextension

## Ø§Ù,,Ù`Øµ`Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ

ÙŠØªÙ`Ù,,Ø` Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ`ØªÙŠÙ,, MacOS 10.14 Ù`Ø§Ù,,Ø¥ØØ-Ø§Ø±Ø§Øª Ø§Ù,,Ø£ØØ-Øª Ø§Ù,,Ù...Ù`Ø§Ù`Ù,Ø© Ù,Ø`Ù,, Ø£Ù† ÙŠØªÙ...ÙfÙ† Ø§Ù,,ØªØ-Ø` ÙŠÙ, Ù...Ù† Ø§Ù,,Ù`ØµÙ`Ù,, Ø¥Ù,,Ù% Ø£Ø-Ø²Ø§Ø; Ù†Ø,Ø§Ù... Ø§Ù,,Ù...Ù,,Ù`Ø§Øª Ø§Ù,,ØªÙŠ ØªØªÙ`ÙŠ Ø¹Ù,,Ù% Ø`ÙŠØ§Ù†Ø§Øª Ù...Ø³ØªØ®Ø-Ù... Ø`Ø®ØµÙŠ (Ø¹Ù,,Ù% Ø³Ø` ÙŠÙ,, Ø§Ù,,Ù...Ø«Ø§Ù,,Ø£ Ø-Ù†Ø§Øª Ø§Ù,,Ø§ØªØµØ§Ù,, Ù`Ø§Ù,,ØµÙ`Ø± Ù`Ø§Ù,,ØªÙ,Ù`ÙŠÙ... Ù`Ø§Ù,,ØªØ-Ø` ÙŠÙ,Ø§Øª Ø§Ù,,Ø£Ø®Ø±Ù%). ÙŠØªØ¹Øª Ø¹Ù,,Ù% Ø`Ø¹Ø¶ Ù`Ø,Ø§Ø;Ù`Ø§ Ø§Ù,,Ù...Ù`Øµ,,Ø§Øª Ù...Ø«Ù,, Ù`ØØµ Ø§Ù,,Ù...Ù,,Ù`Ø§Øª Ø¹Ù†Ø- Ø§Ù,,Ù`ØµÙ`Ù,, Ù`ØØµ Ù†ØªÙ` Ø§Ù,,Ù...Ù,,Ù`Ø§Øª Ø`Ø«Ø§ Ø¹Ù† Ø§Ù,,ØªÙ`Ø-ÙŠØ-Ø§Øª Ø-Ù`Ù† Ù...Ù`Ø§Ù`Ù,Ø©.



Ø³Ø³Ø·Ù,,Ø· Ø§Ù,,Ø¥ØØ-Ø§Ø±Ø§Øª Ø§Ù,,Ø³Ø§Ø·Ù,,Ø© Ù...Ù† Ù...Ù^Øµ,, Mac Ù...Ù† Ø§Ù,,Ù...Ø³Ø³Ø®Ø-Ù... Ù...Ù†Ø ØÙ, Ø§Ù,,Ù^Øµ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ Ø¥Ù,,Ù% Ø·Ø±Ù†Ø§Ù...Ø¬ Amdaemon. ÙŠØ³Ø·Ù,,Ø· Ù...Ù^Øµ,, MAC 1. 14 Ø§Ù,,Ù^Øµ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ,,:

- "AMP for Endpoints Service"
- "Ù...Ù,,ØÙ, Ø£Ù...Ø§Ù† AMP"

ÙŠØ³Ø·Ù,,Ø· Ù...Ù^Øµ,, Mac 1.16.0 Ù^Ø§Ù,,Ø¥ØØ-Ø§Ø±Ø§Øª Ø§Ù,,Ø£ØØ-Ø« Ù^Øµ^Ù,, Ø¥Ø¶Ø§ÙÙÙŠ ÙfØ§Ù...Ù,, Ø¹Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ Ù,,:

- "Cisco Orbital" Ø¹Ù†Ø- ØªÙ...ÙfÙŠÙ†Ù‡Ø§ ÙÙŠ Ø§Ù,,Ø³ÙŠØ§Ø³Ø©Ø© ÙÙØ¥Ù†Ù‡Ø§ ØªÙfÙ^Ù† Ù...Ø³Ø§ØØ© Ù...Ø¹ Ø§Ù,,Ù...ÙŠØ²Ø© Ù^Ø¥Ù...ÙfØ§Ù†ÙŠØ© Ø§Ù,,Ù^ØµÙ^Ù,, Ø§Ù,,Ø±Ø·ÙŠØ³ÙŠØ©

ÙŠØ³Ø·Ù,,Ø· Ù...Ù^Øµ,, Mac 1.18 Ù^Ø§Ù,,Ø¥ØØ-Ø§Ø±Ø§Øª Ø§Ù,,Ø£ØØ-Ø« Ø§Ù,,Ù^Øµ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ,,:

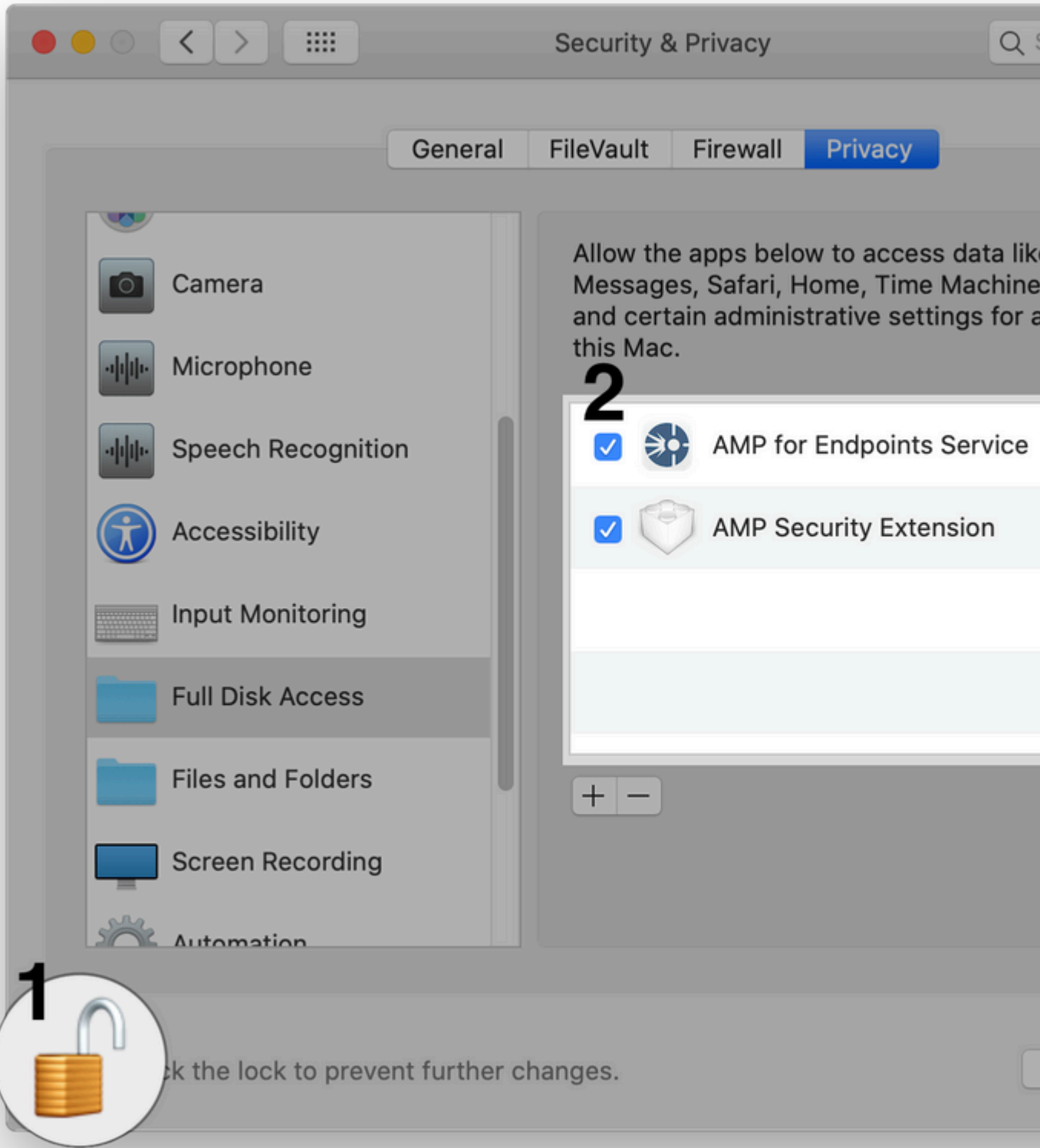
- "Ø®Ø-Ù...Ø© Ù†Ù,Ø·Ø© Ø§Ù,,Ù†Ù‡Ø§ÙŠØ© Ø§Ù,,Ø£Ù...Ù†Ø©"
- "Ù...Ø±Ø§Ù,Ø·Ø© Ù†Ø,Ø§Ù... Ù†Ù,Ø·Ø© Ø§Ù,,Ù†Ù‡Ø§ÙŠØ© Ø§Ù,,Ø£Ù...Ù†Ø©"
- "Cisco Orbital" Ø¹Ù†Ø- ØªÙ...ÙfÙŠÙ† Ø§Ù,,Ù...Ø-Ø§Ø± ÙÙŠ Ø§Ù,,Ø³ÙŠØ§Ø³Ø© (Ù...Ø³Ø§Ø Ù...Ø¹ Ø§Ù,,Ù...ÙŠØ²Ø© Ù^Ø§Ù,,Ù...Ø³ØªÙ^ÙŠØ§Øª Ø§Ù,,Ø±Ø·ÙŠØ³ÙŠØ©)

Ù,,Ù... ÙŠØ¹Ø- Ø·Ø±Ù†Ø§Ù...Ø¬ Amdaemon ÙŠØ³Ø·Ù,,Ø· Ø§Ù,,Ù^Øµ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±ØµØ·Ø§Ø³Ø³Ø®Ø-Ø§Ù... Ù...Ù^Øµ,, Mac Ø§Ù,,Ø¥ØØ-Ø§Ø± 1.14 Ù^Ø§Ù,,Ø¥ØØ-Ø§Ø± Ø§Ù,,Ø£ØØ-Ø«.

ÙŠÙ...ÙfÙ† Ù...Ù†Ø Ø§Ù,,Ù...Ù^Ø§ÙÙÙ,Ø§Øª Ø¹Ù,,Ù% Ø§Ù,,Ù^ØµÙ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ù,,Ù,,Ù,Ø±Øµ ÙÙŠ ØªÙÙØ¶ÙŠÙ,,Ø§Øª Ø§Ù,,Ø£Ù...Ø§Ù† Ù^Ø§Ù,,Ø®ØµÙ^ØµÙŠØ© Ù,,Ù†Ø,Ø§Ù... Ø§Ù,,Ø³Ø´Ø°ÙŠÙ,, MacOS Ø¹Ù,,Ù% Ù†Ù,Ø·Ø© Ø§Ù,,Ù†Ù‡Ø§ÙŠØ©Ø©Ø© Ø£Ù^ Ù...Ù† Ø®Ù,,Ø§Ù,, Ù...Ù,,ÙÙØ§Øª ØªØ¹Ø±ÙŠÙÙÙ Ø¥Ø-Ø§Ø±Ø© Ø§Ù,,Ø£Ø-Ù†Ø²Ø© Ø§Ù,,Ù...ØÙ...Ù^Ù,,Ø© (MDM).

**Ø§Ù,,Ù...Ù^Ø§ÙÙÙ,Ø© Ø¹Ù,,Ù% Ø§Ù,,Ù^ØµÙ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ Ù,,Ø¥ØµØ-Ø§Ø±Ø§Øª Ø§Ù,,Ù...Ù^ØµÙ,, Ø§Ù,,Ø£Ù,Ø-Ù... Ù...Ù† 1.18.0 Ø¹Ù†Ø- Ù†Ù,Ø·Ø© Ø§Ù,,Ù†Ù‡Ø§ÙŠØ©**

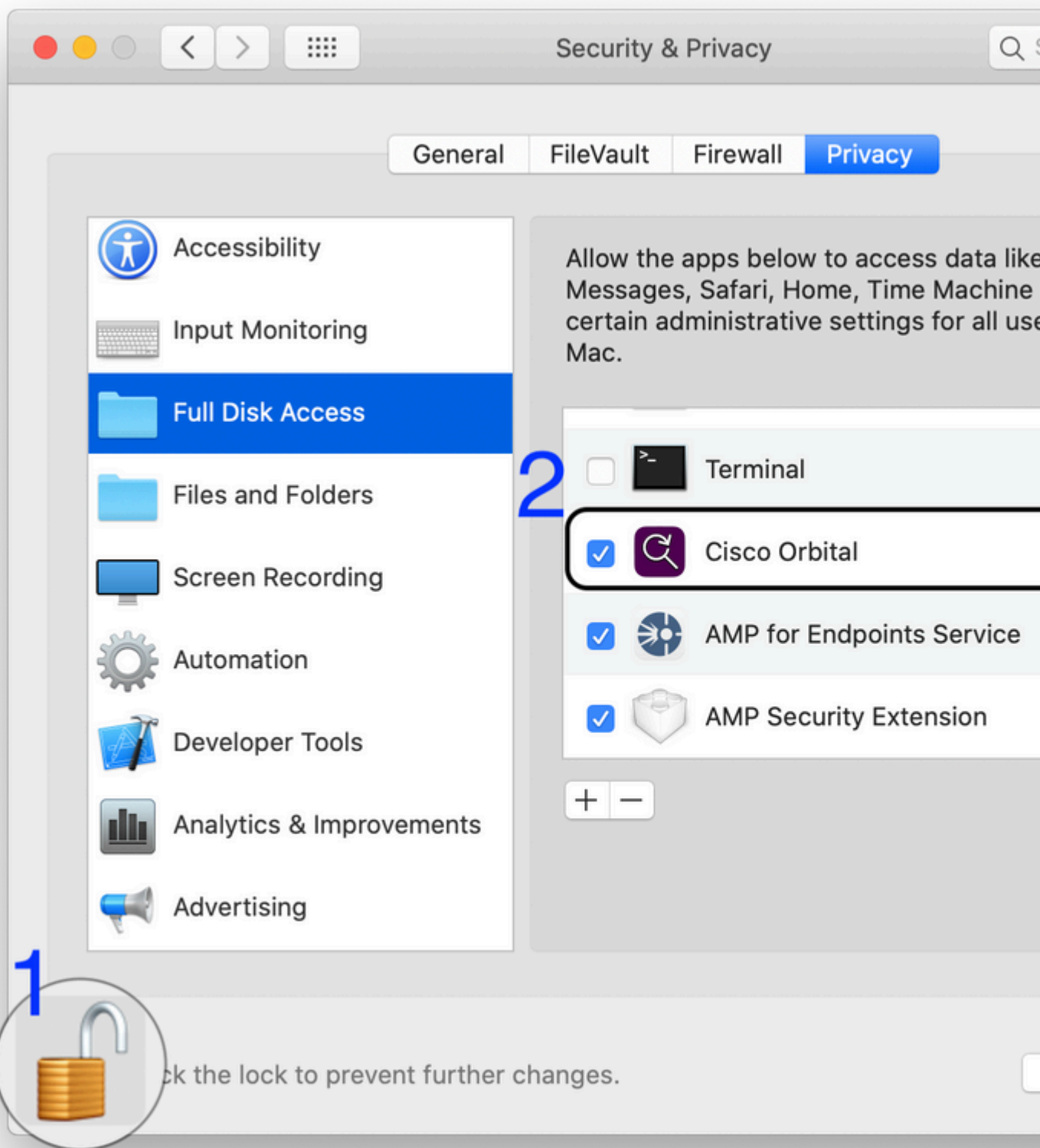
ÙŠÙ...ÙfÙ† Ø§Ø¹ØªÙ...Ø§Ø- Ø§Ù,,Ù^Øµ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ ÙŠØ-Ù^ÙŠØ§ Ù...Ù† Ø-Ø²Ø; ØªÙÙØ¶ÙŠÙ,,Ø§Øª Ø§Ù,,Ø£Ù...Ø§Ù† Ù^Ø§Ù,,Ø®ØµÙ^ØµÙŠØ© ÙÙŠ Ù†Ø,Ø§Ù... Ø§Ù,,Ø³Ø´Ø°ÙŠÙ,, MacOS.



Ø§Ù,,Ù...Ù^Ø§Ù...Ù,Ø© Ø¹Ù,,Ù% Ø§Ù,,Ù^ØµÙ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù%  
Ø§Ù,,Ù,Ø±Øµ Ù,, Cisco Orbital Ø¹Ù+Ø¯ Ù+Ù,Ø·Ø© Ø§Ù,,Ù+Ù±Ø§ÙŠØ©

ÙŠÙ...ÙfÙ+ Ø§Ù¹ØªÙ...Ø§ÙØ- Ø§Ù,,Ù^ØµÙ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ

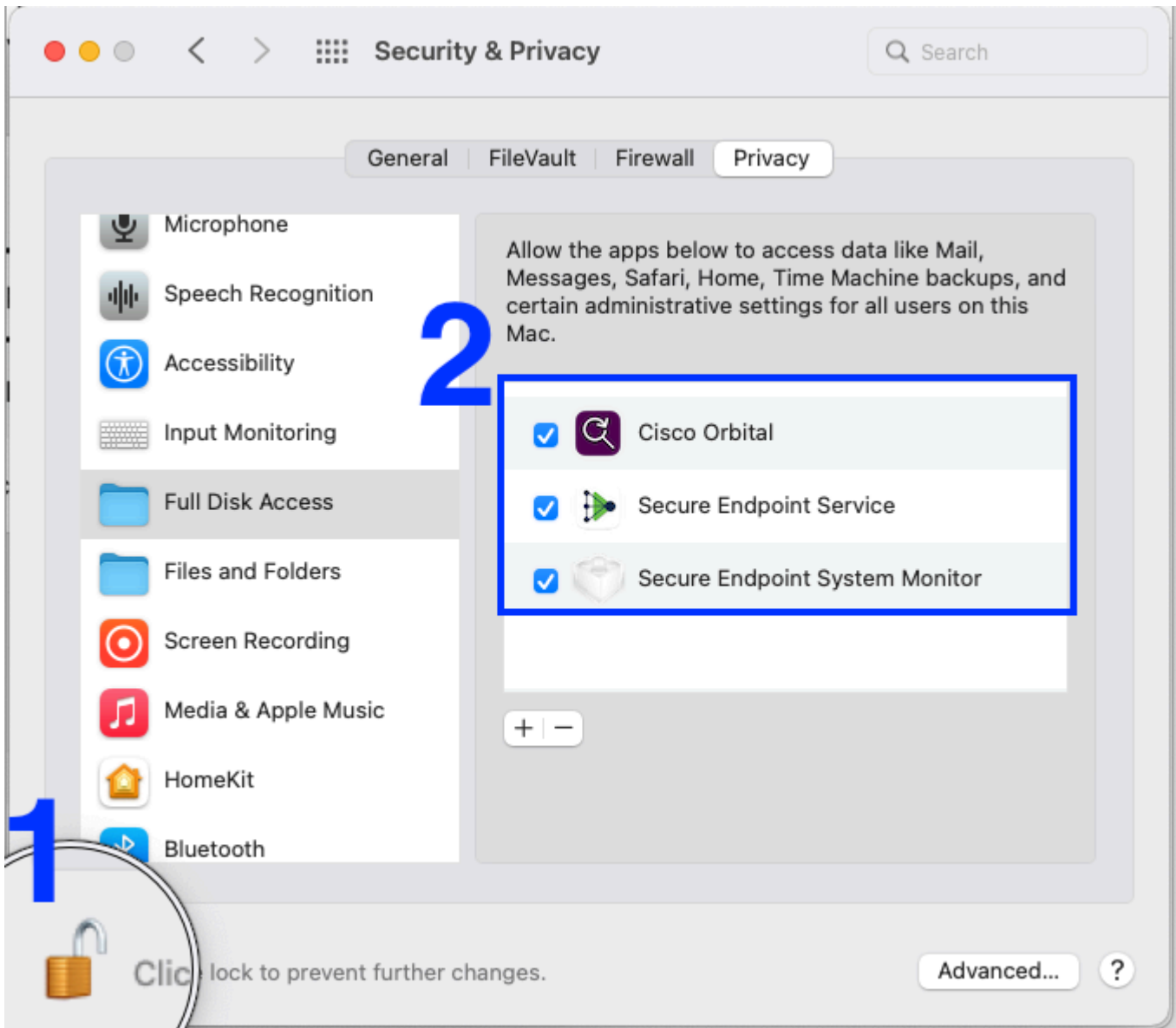
ÙšØ-Ù^ÙšØ§ Ù...Ù† Ø-Ø²Ø; ØªÙ◆Ø¶ÙšÙ,,Ø§Øª Ø§Ù,,Ø£Ù...Ø§Ù† Ù^Ø§Ù,,Ø©ØµÙ^ØµÙšØ© Ù◆Ùš Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ'Ø°ÙšÙ,, MacOS.



Ø§Ù,,Ù...Ù^Ø§Ù◆Ù,Ø© Ø¹Ù,,Ù% Ø§Ù,,Ù^ØµÙ^Ù,, Ø§Ù,,Ù†Ø§Ù...Ù,, Ø¥Ù,,Ù%o

Ø§Ù,,Ù,Ø±Øµ Ù,,Ù...Ù^ØµÙ,, Ù†Ù,Ø·Ø© Ø§Ù,,Ù†Ù‡Ø§ÙŠØ© Ø§Ù,,ØçÙ...Ù†Ø©  
1.18.0 Ù...Ù† Cisco Ù^Ø§Ù,,Ø¥ØµØ¯Ø§Ø±Ø§Øª Ø§Ù,,Ø£ØØ¯Ø« Ø¹Ù,,Ù%  
Ù†Ù,Ø·Ø© Ø§Ù,,Ù†Ù‡Ø§ÙŠØ©

ÙŠÙ...Ù†Ù† Ø§Ø¹ØªÙ...Ø§Ø¯ Ø§Ù,,Ù^ØµÙ,, Ø§Ù,,Ù†Ù†Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ  
ÙŠØ-Ù^ÙŠØ§ Ù...Ù† Ø-Ø²Ø; ØªÙ†Ø¶ÙŠÙ,,Ø§Øª Ø§Ù,,Ø£Ù...Ø§Ù† Ù^Ø§Ù,,Ø©ØµÙ^ØµÙŠØ©  
Ù†ÙŠ Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ´Ø°ÙŠÙ,, MacOS.



Ø§Ù,,Ù...Ù^Ø§Ù†Øµ,Ø© Ø¹Ù,,Ù% Ø§Ù,,Ù^ØµÙ^Ù,, Ø§Ù,,Ù†Ù†Ù...Ù,, Ø¥Ù,,Ù%  
Ø§Ù,,Ù,Ø±Øµ Ù,,Ù,,Ù...Ù^ØµÙ,, Ø¯Ø§Ø³ØªØ©Ø¯Ø§Ù... MDM

Ù...Ù,,Ø§ØØ,Ø©: Ù...Ø§ ÙŠÙ...Ù†Ù† Ø§Ù,,Ù...Ù^Ø§Ù†Øµ,Ø© Ø¯Ø£Ø«Ø± Ø±Ø-Ø¹ÙŠ Ø¹Ù,,Ù%  
Ù...Ù,,ØÙ,Ø§Øª Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ´Ø°ÙŠÙ,, MacOS Ø¹Ø´Ø± MDM. Ù†ÙŠ ØØ§Ù,,Ø© Ø¹Ø¯Ù...  
Ù†Ø´Ø± Ù...Ù,,Ù† ØªØ¹Ø±ÙŠÙ† MDM Ù,Ø¯Ù,, ØªØ«Ø¯ÙŠØª Ø§Ù,,Ù...Ù^ØµÙ,,Ø£ Ù,,Ø§  
ÙŠØªÙ... Ù...Ù†Ø Ø§Ù,,Ù...Ù^Ø§Ù†Øµ,Ø§Øª Ù^ÙŠÙ,,Ø²Ù... ØªØ¯Ø©Ù,, Ø¥Ø¶Ø§Ù†ÙŠ Ù†ÙŠ  
Ø£ØØ¯ Ø§Ù,,Ù†Ù...Ø·ÙŠÙ†:

1. Ø§Ù,,Ù...Ù^Ø§Ù...ØÙ,,Ø© Ø§Ù,,Ù§Ù^Ù^Ù§Ù© Ø¹Ù,,Ù% Ù...Ù,,ØÙ,,Ø§Øª Ù^Ø,Ø§Ù... Ø§Ù,,ØªØ^Ø^Ù§Ù,, MacOS Ø¹Ù,,Ù% Ù^Ù,,Ø§Ø· Ø§Ù,,Ù^Ù^Ø§Ù§Ù§Ù© Ø§Ù,,ØªÙ§ ØªÙ... Ù^Ø^Ø± Ù...Ù,,Ù^ Ø§Ù,,ØªØ¹Ø±Ù§Ù... Ø§Ù,,Ø¥Ø^Ø§Ø±Ù§ Ø`Ø£Ø«Ø± Ø±Ø-Ø¹Ù§.
2. ØªØ±Ù,,Ù§Ù© Ù...Ù^Øµ,, Mac Ø¥Ù,,Ù% Ø¥ØØ^Ø§Ø± Ø£ØØ^Ø« Ù...Ù^ Ø§Ù,,Ø¥ØØ^Ø§Ø± Ø§Ù,,Ø^Ù§ Ù§ØªÙ... Ù^Ø^Ø±Ù^ Ø§Ù,,Ù§Ø§. ØªØª¹Ø±Ù... Ù^Ù,,Ø§Ø· Ø§Ù,,Ù^Ù^Ø§Ù§Ù§Ù© Ø§Ù,,ØªÙ§ ØªÙ... Ù^Ø^Ø± Ù...Ù,,Ù^ ØªØ¹Ø±Ù§Ù... Ø§Ù,,Ø¥Ø^Ø§Ø±Ø© Ø¹Ù,,Ù§Ù^Ø§ Ø`Ø£Ø«Ø± Ø±Ø-Ø¹Ù§ Ø¹Ù,,Ù% Ù...Ù,,Ù^ ØªØ¹Ø±Ù§Ù... Ø§Ù,,Ø¥Ø^Ø§Ø±Ø© Ø`Ø¹Ø^ Ø§Ù,,ØªØ±Ù,,Ù§Ù© Ù^Ø§Ù,,ØØµÙ^Ù,, Ø¹Ù,,Ù% Ø§Ù,,Ù...Ù^Ø§Ù...ØÙ,,Ø© Ø`Ù...Ø-Ø±Ø^ Ø§Ù,fØªÙ...Ø§Ù,, Ø§Ù,,ØªØ±Ù,,Ù§Ù©.

Ù§Ù...Ù^Ù^ Ø§Ø¹ØªÙ...Ø§Ø^ Ø§Ù,,Ù^ØµÙ,, Ø§Ù,,Ù^fØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,,Ø±Øµ Ø^Ù^Ø§Ø³Ø·Ø© ØÙ...Ù^Ù,,Ø© ØªØÙ^Ù... ØªÙ^ØµÙ,, Ø§Ù,,Ø®ØµÙ^ØµÙ§Ù© Ù,,Ù...Ù,,Ù^ ØªØ¹Ø±Ù§Ù... Ø§Ù,,Ø¥Ø^Ø§Ø±Ø© Ø`Ø§Ø³ØªØ®Ø^Ø§Ù... Ø®Ø§ØµÙ§Ù© SystemPolicyAllFiles Ù...Ø¹ Ø¥ØØ^Ø®Ø§Ù,,Ù§Ù^Ø£ Ù^Ø§ØØ^ Ù,, Ø®Ø^Ù...Ø© Ù^Ù,,Ø·Ø© Ø§Ù,,Ù^Ù^Ø§Ù§Ù§Ù© Ø§Ù,,ØçÙ...Ù^Ø© (AMP for Endpoints Service Ù,,Ø¥ØµØ^Ø§Ø±Ø§Øª Ø§Ù,,Ù...Ù^ØµÙ,, Ø§Ù,,Ø£Ù,,Ø^Ù... Ù...Ù^ 1.18.0) Ù^Ù^Ø§ØØ^ Ù,, Ù...Ø±Ø§Ù,,Ø^Ø© Ù^Ø,Ø§Ù... Ù^Ù,,Ø·Ø© Ø§Ù,,Ù^Ù^Ø§Ù§Ù§Ù© Ø§Ù,,ØçÙ...Ù^Ø© (AMP Security Extension Ù,,Ø¥ØØ^Ø§Ø±Ø§Øª Ø§Ù,,Ù...Ù^ØµÙ,, Ø§Ù,,Ø£Ù,,Ø^Ù... Ù...Ù^ 1.18.0):

Ø§Ù,,Ù^ØµÙ	Ø®Ø§ØµÙ§Ù©	Ø§Ù,,Ù,,Ù§Ù...Ø©
Ø®Ø^Ù...Ø© Ù^Ù,,Ø·Ø© Ø§Ù,,Ù^Ù^Ø§Ù§Ù§Ù© Ø§Ù,,ØçÙ...Ù^Ø© (AMP for Endpoints Service)	Ù...Ø³Ù...Ù^Ø Ø^Ù^	ØØÙ§Ù
	CodeRequirements	Ù...Ø±Ø³Ù% ØªÙ^Ø§Ø Ø¹Ø§Ù... Ù^Ù...Ø¹Ø±Ù^ "com.cisco.endpoint.svc" Ù^(Ù^Ø±Ù,,Ø© Ø§Ù,,Ø¹Ù^Ø§Ø^Ø©[field.1.2.840.113635.100.6.1.9] /* Ù...Ù^Ø-Ù^Ø^Ø© */ Ø£Ù^ Ø§Ù,,Ø¹Ù^Ø§Ø^Ø© 1[field.1.2.840.113635.100.6.2.6] /* Ù...Ù^Ø-Ù^Ø^Ø© */ Ù^Ø£Ù^Ø±Ø§Ù,, Ø§Ù,,Ø¹Ù^Ø§Ø^Ø©[field.1.2.840.113635.100.6.1.133] /*//// Ù^Ø^Ù^Ø§Ø^Ø©[subject.OU[OU [OU] = DE] Y96K9QP)
	Ø§Ù,,Ù...Ø¹Ø±Ù^Ù	com.cisco.endpoint.svc
	IdentifierType	BundleId
Ù...Ø±Ø§Ù,,Ø^Ø© Ù^Ø,Ø§Ù... Ù^Ù,,Ø·Ø© Ø§Ù,,Ù^Ù^Ø§Ù§Ù§Ù© Ø§Ù,,ØçÙ...Ù^Ø© (AMP Security Extension)	Ù...Ø³Ù...Ù^Ø Ø^Ù^	ØØÙ§Ù
	CodeRequirements	Ø£Ø^Ø§Ù© Ø§Ù,,Ø¥Ø±Ø³Ø§Ø; Ø§Ù,,Ø¹Ø§Ù...Ø© Ù^Ø§Ù,,Ù...Ø¹Ø±Ù^ "com.cisco.endpoint.svc.securityExtension" Ù^(Ù^Ø±Ù,,Ø© Ø§Ù,,Ø¹Ù^Ø§Ø^Ø©[field.1.2.840.113635.100.6.1.9] /* Ù...Ù^Ø-Ù^Ø^Ø© */ Ø£Ù^ Ø§Ù,,Ø¹Ù^Ø§Ø^Ø© 1[field.1.2.840.113635.100.6.2.6] /* Ù...Ù^Ø-Ù^Ø^Ø© */ Ù^Ø£Ù^Ø§ØØ Ø§Ù,,ØªØ±Ø®Ù§Ùµ[field.1.2.840.113635.100.6.1.13] /** ØªÙ^Ø-Ø^ Ù^Ø^Ù^Ø§Ø^Ø©[SUBJECT.OU = DE8Y96K9QP)
	Ø§Ù,,Ù...Ø¹Ø±Ù^Ù	com.cisco.endpoint.svc.securityExtension
	IdentifierType	BundleId

Ø¥Ø°Ø§ ÛfØ§Û† Ø§Û,,Û†Ø´Ø± ÛŠØªØ¶Û...Û† Ø£Ø-Û‡Ø²Ø© ÛfÛ...Ø´ÛŠÛ´ØªØ± Ø°Ø§Øª  
 Ø¥ØØ-Ø§Ø± Û...Û´Øµ,, 1.12.7 Ø£Û´ Ø¥ØØ-Ø§Ø± Ø£ØØ-Ø« Û...Ø«Ø´ØªØœ ÛØ¥Û† Û‡Ø°Ø§  
 Ø§Û,,Ø¥Ø-Ø®Ø§Û,, Ø§Û,,Ø¥Ø¶Ø§ÛØÛŠ Û,,Ø§ ÛŠØ²Ø§Û,, Û...Ø·Û,,Û´Ø´ Ø§ Û,,Û...Û†Ø  
 Ø§Û,,Û´ØµÛ´Û,, Ø§Û,,ÛfØ§Û...Û,, Ø¥Û,,Û% Ø§Û,,Û,Ø±Øµ Ø§Û,,Ø®Ø§Øµ Ø´Ø£Ø-Û‡Ø²Ø©  
 Ø§Û,,ÛfÛ...Ø´ÛŠÛ´ØªØ± Û‡Ø°Û‡:

Ø§Û,,Û´ØµØ	Ø®Ø§ØµŠØ©	Ø§Û,,Û,ÛŠÛ...Ø©
Ø£Û...Ø-Ø§ÛŠÛ...Û†	Û...Ø³Û...Û´Ø´ Û‡	ØØÛŠØ
	CodeRequirements	Û...Ø¹Ø±ÛØ Ø§Û,,Ø¥Û...Ø´ ÛŠÛ...Û´Û† Û´Ø§Û,,ØªÛØ§Ø Ø§Û,,Û...Ø±Ø³Û% Ø§Û,,Ø¹Ø§Û... Û´Ø§Û,,Ø´Û‡Ø§Ø-Ø© 1[field.1.2.840.113635.100.6.2.6] /* Û...Û´Ø-Û´Ø-Ø© */ Û´Ø£Û´Ø±Ø§Û,, Ø§Û,,Ø´Û‡Ø§Ø-Ø©[field.1.2.840.113635.100.6.1.13] /* Û...Û´Ø-Û´Ø-Ø© */ Û´Ø£Û´Ø±Ø§Û,, Ø§Û,,Ø´Û‡Ø§Ø-Ø©[subject.ou] = TDNYQP7VRK
	Ø§Û,,Û...Ø¹Ø±Û´ÛØ	/opt/cisco/amp/ampdaemon
	IdentifierType	Û...Ø³Ø§Ø±

**Ø§Û,,Û...Û´Ø§ÛØÛ,Ø© Ø¹Û,,Û% Ø§Û,,Û´ØµÛ´Û,, Ø§Û,,ÛfØ§Û...Û,, Ø¥Û,,Û%  
 Ø§Û,,Û,Ø±Øµ Û,, Cisco Orbital with MDM**

Ø¥Ø°Ø§ ÛfØ§Û† Ø§Û,,Û†Ø´Ø± Ø§Û,,Ø®Ø§ØµØ´Ûf ÛŠØªØ¶Û...Û† Ø£Ø-Û‡Ø²Ø©  
 ÛfÛ...Ø´ÛŠÛ´ØªØ± Ø°Ø§Øª Ø¥ØØ-Ø§Ø±Ø§Øª 1.16.0 Ø£Û´ Ø£ØØ-Ø« Û...Û† Cisco Secure Endpoint  
 Mac ConnectorØœ Ø¹Û,,Û% Ø£Ø-Û‡Ø²Ø© ÛfÛ...Ø´ÛŠÛ´ØªØ± Û...Ø²Û´Ø-Ø© Ø´Û†Ø,Ø§Û...  
 Ø§Û,,ØªØ´Ø°ÛŠÛ,, MacOS 10.15 Ø£Û´ Ø£ØØ-Ø«Øœ Û´ØªÛ... ØªÛ...ÛfÛŠÛ† Orbital ÛØÛŠ  
 Ø§Û,,Ø³ÛŠØ§Ø³Ø©Øœ ÛØ¥Û† Û‡Ø°Ø§ Ø§Û,,Ø¥Ø-Ø®Ø§Û,, Ø§Û,,Ø¥Ø¶Ø§ÛØÛŠ Û,,Ø§  
 ÛŠØ²Ø§Û,, Û...Ø·Û,,Û´Ø´ Ø§ Û,,Û...Û†Ø Ø§Û,,Û´ØµÛ´Û,, Ø§Û,,ÛfØ§Û...Û,, Ø¹Û,,Û%  
 Ø§Û,,Û,Ø±Øµ Ø¥Û,,Û% Ø§Û,,Û...Ø´Ø§Ø± Û,,Û‡Ø°Û‡ Ø§Û,,Ø£Ø-Û‡Ø²Ø©:

Ø§Û,,Û´ØµØ	Ø®Ø§ØµŠØ©	Ø§Û,,Û,ÛŠÛ...Ø©
Ø§Û,,Û...Ø-Ø§Ø± Û...Û† Cisco	Û...Ø³Û...Û´Ø´ Û‡	ØØÛŠØ
	CodeRequirements	Û...Ø±Ø³Ø§Ø© ØªÛØÛØØ© Ø¹Ø§Û...Ø© Û´Û...Ø¹Ø±ÛØ "com.cisco.endpoint.orbital.app" Û´Ø´Û‡Ø§Ø-Ø© Ø·Ø±ÛØÛŠØ©[field.1.2.840.113635.100.6.1.9] /* Û...Û´Ø-Û´Ø-Ø© */ Ø£Û´ Ø´Û‡Ø§Ø-Ø© 1[field.1.2.840.113635.100.6.2.6] /* Û...Û´Ø-Û´Ø-Ø© */ Û´Ø´Û‡Ø§Ø-Ø© Ø·Ø±ÛØÛŠØ©[field.1.2.840.113635.100.6.1.13] /* Û´Ø´Û‡Ø§Ø-Ø©[DE.OU]8Y96K9QP)
	Ø§Û,,Û...Ø¹Ø±Û´ÛØ	com.cisco.endpoint.orbital.app
	IdentifierType	BundleId

# Ù†Ù...Ù^Ø°Ø¬ Ù...Ù,,Ù 0ª0¹0±ÙŠÙ 0ªÙfÙ^ÙŠÙ† MDM

ÙŠÙ...ÙfÙ† Ø¥Ø³ØªØ®Ø§Ù... Ù...Ù,,Ù 0ª0¹0±ÙŠÙ 0ªÙfÙ^ÙŠÙ† MDM Ù‡Ø°Ø§  
ÙfÙ...Ø±Ø-Ø¹.

- Ø§Ù,,Ù...Ù^Ø§Ù 0Ù,Ø© Ø¹Ù,,Ù% Ù...Ù,,ØÙ,Ø§Øª Ø§Ù,,Ù†Ø,Ø§Ù... Ù,,Ù...Ù^ØµÙ,, Mac Ù,,Ù†Ù,Ø·Ø© Ø§Ù,,Ù†Ù‡Ø§ÙŠØ© Ø§Ù,,ØçÙ...Ù†Ø©.
- ÙŠÙ...Ù†Ø Ø¥Ù...ÙfØ§Ù†ÙŠØ© Ø§Ù,,Ù^Øµ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ Ù,,Ù...Ù^Øµ,, Mac Ù,,Ù†Ù,Ø·Ø© Ø§Ù,,Ù†Ù‡Ø§ÙŠØ© Ø§Ù,,ØçÙ...Ù†Ø© Ù^Ø§Ù,,Ù...Ø-Ø§Ø± Ø§Ù,,Ù...Ø-Ø§Ø±ÙŠ.
- Ø§Ù,,Ø³Ù...Ø§Ø Ø·Ø¥Ø²Ø§Ù,,Ø© ØªØ«Ø·ÙŠØª Ù...Ù,,ØÙ,Ø§Øª Ø§Ù,,Ù†Ø,Ø§Ù... Ø·Ø·ÙfÙ,, ØØ§Ù...Øª Ø¹Ù†Ø- Ø¥Ø²Ø§Ù,,Ø© ØªØ«Ø·ÙŠØª Ø§Ù,,Ù...Ù^Øµ,, Ù...Ù,,Ø§ØØ,Ø©: Ø¹Ù†Ø- Ø§Ù,,Ø³Ù...Ø§Ø Ø·Ø¥Ø°Ù† MobileSystemExtensionsØœ ÙŠÙ...ÙfÙ† Ù,,Ø£ÙŠ Ù...Ø³ØªØ®Ø-Ù... Ø£Ù^ Ø¹Ù...Ù,,ÙŠØ© ØªØªÙ...ØªØ¹ Ø·Ø§Ù...ØªÙŠØ§Ø²Ø§Øª Ø§Ù,,Ø-Ø°Ø± Ø¥Ø²Ø§Ù,,Ø© Ù...Ù,,ØÙ, Ø§Ù,,Ù†Ø,Ø§Ù... Ø-Ù^Ù† Ù...Ø·Ø§Ù,,Ø·Ø© Ø·ÙfÙ,,Ù...Ø© Ù...Ø±Ù^Ø± Ø§Ù,,Ù...Ø³ØªØ®Ø-Ù... Ù^Ø-Ø§Ù,,ØªØ§Ù,,ÙŠØœ ÙŠØ-Ø· Ø¥Ø³ØªØ®Ø-Ø§Ù... Ø§Ù,,Ø®Ø§ØµŠØ© MobileSystemExtensions Ù 0Ù,Ø· Ø¹Ù†Ø-Ù...Ø§ ÙŠØ±ÙŠØ- Ø§Ù,,Ù...Ø³ØªÙ^Ù,, Ø£ØªÙ...ØªØ© Ø¥Ø²Ø§Ù,,Ø© ØªØ«Ø·ÙŠØª Ø§Ù,,Ù...Ù^Øµ,,

<http://www.apple.com/DTDs/PropertyList-1.0.dtd>>

PayloadContent

AllowUserOverrides

AllowedSystemExtensions

DE8Y96K9QP

com.cisco.endpoint.svc.securityextension

com.cisco.endpoint.svc.networkextension

PayloadDescription

PayloadDisplayName

System Extensions

PayloadEnabled

PayloadIdentifier

92624553-06C3-4BE0-9000-91D8A260CC65

PayloadOrganization

Cisco Systems, Inc.

PayloadType

com.apple.system-extension-policy

PayloadUUID

92624553-06C3-4BE0-9000-91D8A260CC65

PayloadVersion

1

RemovableSystemExtensions

DE8Y96K9QP

com.cisco.endpoint.svc.securityextension

com.cisco.endpoint.svc.networkextension



PayloadDescription

PayloadDisplayName

Privacy Preferences Policy Control

PayloadEnabled

PayloadIdentifier

290AAF9E-D9F1-4470-B802-2468AC836142

PayloadOrganization

Cisco Systems, Inc.

PayloadType

com.apple.TCC.configuration-profile-policy

PayloadUUID

290AAF9E-D9F1-4470-B802-2468AC836142

PayloadVersion

1

Services

SystemPolicyAllFiles

Allowed

1

CodeRequirement

anchor apple generic and identifier "com.cisco.endpoint.svc" and (certificate leaf[field.1.2.840.113635.100.6.1.9] /\* exists \*/ or certificate 1[field.1.2.840.113635.100.6.2.6] /\* exists \*/ and certificate leaf[field.1.2.840.113635.100.6.1.13] /\* exists \*/ and certificate leaf[subject.OU] = DE8Y96K9QP)

Identifier

com.cisco.endpoint.svc

IdentifierType

bundleID

StaticCode

0

Allowed

1

CodeRequirement

identifier ampd daemon and anchor apple generic and certificate 1[field.1.2.840.113635.100.6.2.6] /\* exists \*/ and certificate leaf[field.1.2.840.113635.100.6.1.13] /\* exists \*/ and certificate leaf[subject.OU] = TDNYQP7VRK

Identifier

/opt/cisco/amp/ampdaemon

IdentifierType

path

StaticCode

0

Allowed

1

CodeRequirement

anchor apple generic and identifier "com.cisco.endpoint.orbital.app" and (certificate leaf[field.1.2.840.113635.100.6.1.9] /\* exists \*/ or certificate 1[field.1.2.840.113635.100.6.2.6] /\* exists \*/ and certificate leaf[field.1.2.840.113635.100.6.1.13] /\* exists \*/ and certificate leaf[subject.OU] = DE8Y96K9QP)

Identifier

com.cisco.endpoint.orbital.app

IdentifierType

bundleID

StaticCode

0

FilterDataProviderBundleIdentifier

com.cisco.endpoint.svc.networkextension

FilterDataProviderDesignatedRequirement

anchor apple generic and identifier "com.cisco.endpoint.svc.networkextension" and (certificate leaf[field.1.2.840.113635.100.6.1.9] /\* exists \*/ or certificate 1[field.1.2.840.113635.100.6.2.6] /\* exists \*/ and certificate leaf[field.1.2.840.113635.100.6.1.13] /\* exists \*/ and certificate leaf[subject.OU] = DE8Y96K9QP)

FilterGrade

firewall

FilterPackets

FilterSockets

FilterType

Plugin

PayloadDisplayName

Web Content Filter Payload

PayloadIdentifier

F630E2F3-F917-47F5-93E9-343C4C787C28

PayloadOrganization

Cisco Systems, Inc.

PayloadType

com.apple.webcontent-filter

PayloadUUID

F630E2F3-F917-47F5-93E9-343C4C787C28

PayloadVersion

1

PluginBundleID

com.cisco.endpoint.svc

UserDefinedName

AMP Network Extension

VendorConfig

PayloadDescription

PayloadDisplayName

Cisco Secure Endpoint Settings [DEMO]

PayloadEnabled

PayloadIdentifier

36DAAE4E-5BA2-497B-8381-D58FCB62FA1B

PayloadOrganization

Cisco Systems, Inc.

PayloadRemovalDisallowed

PayloadScope

System

PayloadType

Configuration

PayloadUUID

36DAAE4E-5BA2-497B-8381-D58FCB62FA1B

PayloadVersion

1

Ù†Ù...Ù°Ø- ØªÙfÙ^ÙŠÙ† MDM Ù,,Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ´Ø°ÙŠÙ,, MacOS 10.15  
Ø£Ù^ Ø¥ØØ-Ø§Ø± Ø£Ù,Ø-Ù...

- Ø§Ù,,Ù...Ù°Ø§Ù ðÙ,Ø© Ø¹Ù,,Ù% Ù...Ù,,ØÙ,Ø§Øª kernel Ù^Ù...Ù†Ø Ø¥Ù...ÙfØ§Ù†ÙŠØ©  
Ø§Ù,,Ù^ØµÙ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ Ù,,Ù,,Ù...Ù^ØµÙ,,Ø§Øª.  
◦ Ù...Ù,,Ø§ØØ,Ø©: Ù,,Ø§ ÙŠÙ...ÙfÙ† Ù,,Ù...Ù†ØªØ-Ø§Øª M1 Ù^ Apple Ø§Ù,,Ø£ØØ-Ø«  
Ø¥Ø³ØªØ©Ø-Ø§Ù... Ù...Ù,,Ù ðØ§Øª Ø§Ù,,ØªØ¹Ø±ÙŠÙ ðØ§Ù,,ØªÙŠ ØªØªªÙ^ÙŠ  
Ø¹Ù,,Ù% Ù±Ø°Ø§ Ø§Ù,,ØªÙfÙ^ÙŠÙ†

AllowNonAdminUserApprovals

AllowUserOverrides

AllowedKernelExtensions

TDNYQP7VRK

com.cisco.amp.nke

com.cisco.amp.fileop

PayloadDescription

PayloadDisplayName

Approved Kernel Extensions

PayloadEnabled

PayloadIdentifier

A872B6D5-D67C-41FE-BE64-3DD674C43C4F

PayloadOrganization

Cisco Systems, Inc.

PayloadType

com.apple.syspolicy.kernel-extension-policy

PayloadUUID

PayloadVersion

1

# Ø·Ù†ÙŠØ© Ø-Ù,,ÙŠÙ,, Ø-Ø-ÙŠØ-Ø©

## Ø§Ù,,Ø¥ØØ-Ø§Ø±Ø§Øª 1.14.0 Ø¥Ù,,Ù% 1.16.2

ÙŠÙ,,Ø-Ù... Ù...Ù^Øµ,, Mac 1.14 ØªØ°ÙŠÙŠØ±ÙŠÙ† Ù,,Ø·Ù†ÙŠØ© Ø§Ù,,Ø-Ù,,ÙŠÙ,,:

- ØªÙ...Øª Ø¥Ø¹Ø§Ø-Ø© ØªØ³Ù...ÙŠØ© Ø-Ù,,ÙŠÙ,, Ø§Ù,,ØªØ-Ø-ÙŠÙ,,Ø§Øª Ù...Ù† Cisco AMP Ø¥Ù,,Ù% Cisco AMP Ù,,Ù†Ù,,Ø§Ø· Ø§Ù,,Ù†Ù‡Ø§ÙŠØ©.
- ØªÙ... Ù†Ù,,Ù,, Ø£Ø-Ø§Ø© Ø³Ø·Ø± Ø§Ù,,Ø£Ù^Ø§Ù...Ø± AMCLI Ù...Ù† /opt/cisco/amp Ø¥Ù,,Ù% /applications/cisco AMP Ù,,Ù†Ù,,Ø§Ø· Ø§Ù,,Ù†Ù‡Ø§ÙŠØ©/AMP Ù,,Ù†Ù,,Ø§Ø· Ø§Ù,,Ù†Ù‡Ø§ÙŠØ© Ù,, Endpoints Connector.app/Contents/MacOS. ÙŠØªÙ^ÙŠ Ø§Ù,,Ø-Ù,,ÙŠÙ,, /opt/cisco/amp Ø¹Ù,,Ù% Ø¥Ø±ØªØ-Ø§Ø· Ø·Ø·Ø±Ù†Ø§Ù...Ø- Ø§Ù,,Ø£Ù...Ù...ØªÙ,,ÙŠ Ù...ÙŠ Ù...Ù^Ù,,Ø¹Ù‡ Ø§Ù,,Ø-Ø-ÙŠØ-

Ø·Ù†ÙŠØ© Ø§Ù,,Ø-Ù,,ÙŠÙ,, Ø§Ù,,Ù†Ø§Ù...Ù,,Ø© Ù,,Ø¥ØØ-Ø§Ø±Ø§Øª Ù...Ù^Øµ,, Mac Ù...Ù† 1.14.0 Ø¥Ù,,Ù% 1.16.2 Ù‡ÙŠ Ù†Ù...Ø§ ÙŠÙ,,ÙŠ:

```

â"œâ"€â"€ Applications
â" ,   â""â"€â"€ Cisco AMP for Endpoints
â" ,   â""â"€â"€ AMP for Endpoints Connector.app
â" ,   â" ,   â""â"€â"€ Contents
â" ,   â" ,   â""â"€â"€ MacOS
â" ,   â" ,
â" ,   â""â"€â"€ AMP for Endpoints Service.app
â" ,   â" ,   â""â"€â"€ Contents
â" ,   â" ,   â""â"€â"€ MacOS
â" ,   â" ,   â""â"€â"€ ampccli
â" ,   â" ,   â""â"€â"€ ampdaemon
â" ,   â" ,   â""â"€â"€ amscansvc
â" ,   â" ,   â""â"€â"€ ampcreport
â" ,   â" ,   â""â"€â"€ ampupdater
â" ,   â" ,   â""â"€â"€ SupportTool
â" ,   â" ,
â" ,   â""â"€â"€ Support Tool.app
â"œâ"€â"€ Library
â" ,   â"œâ"€â"€ Application Support
â" ,   â" ,   â""â"€â"€ Cisco
â" ,   â" ,   â""â"€â"€ AMP for Endpoints Connector
â" ,   â" ,   â""â"€â"€ SupportTool
â" ,   â""â"€â"€ Logs
â" ,   â""â"€â"€ Cisco
â"œâ"€â"€ Users
â" ,   â""â"€â"€ *
â" ,   â""â"€â"€ Library

```



```

â" ,          â""â"€â"€ Logs
â" ,          â""â"€â"€ Cisco
â""â"€â"€ opt
  â""â"€â"€ cisco
    â""â"€â"€ amp
      â""â"€â"€ ampcli

```

## Ø§Ù,,Ø¥ØØ-Ø§Ø±Ø§Øª 1.18.0 Ù^Ø§Ù,,Ø¥ØØ-Ø§Ø±Ø§Øª Ø§Ù,,Ø£ØØ-Ø«

ÙŠÙ,,Ø-Ù... Ù...Ù^Øµ,, MAC 1.18 ØªØ°ÙŠÙŠØ±Ø§ Ù♦ÙŠ Ø Ù+ÙŠØ© Ø-Ù,,ÙŠÙ,, Ø§Ù,,ØªØ·Ø ÙŠÙ,,Ø§Øª:

1. ØªÙ...Øª Ø¥Ø¹Ø§Ø-Ø© ØªØ³Ù...ÙŠØ© Ø-Ù,,ÙŠÙ,, Ø§Ù,,ØªØ·Ø ÙŠÙ,,Ø§Øª Ù...Ù† Cisco AMP Ù,,Ù+Ù,,Ø§Ø· Ø§Ù,,Ù+Ù†Ø§ÙŠØ© Ø¥Ù,,Ù% Ù+Ù,,Ø·Ø Ø§Ù,,Ù+Ù†Ø§ÙŠØ© Ø§Ù,,ØcÙ...Ù+Ø° Ù...Ù† Cisco.

Ø·Ù+ÙŠØ© Ø§Ù,,Ø-Ù,,ÙŠÙ,, Ø§Ù,,ÙfØ§Ù...Ù,,Ø© Ù,,Ø¥ØØ-Ø§Ø±Ø§Øª Ù...Ù^Øµ,, Mac 1.18.0 Ù^Ø§Ù,,Ø¥ØØ-Ø§Ø±Ø§Øª Ø§Ù,,Ø£ØØ-Ø« Ù†ÙŠ ÙfÙ...Ø§ ÙŠÙ,,ÙŠ:

```

â"œâ"€â"€ Applications
|   â""â"€â"€ Cisco Secure Endpoint
|       â""â"€â"€ Secure Endpoint Connector.app
|           â""â"€â"€ Contents
|               â""â"€â"€ MacOS
|
|   â""â"€â"€ Secure Endpoint Service.app
|       â""â"€â"€ Contents
|           â""â"€â"€ MacOS
|               â""â"€â"€ ampcli
|               â""â"€â"€ ampdemon
|               â""â"€â"€ ampscansvc
|               â""â"€â"€ ampcreport
|               â""â"€â"€ ampupdater
|               â""â"€â"€ SupportTool
|
|   â""â"€â"€ Support Tool.app

```

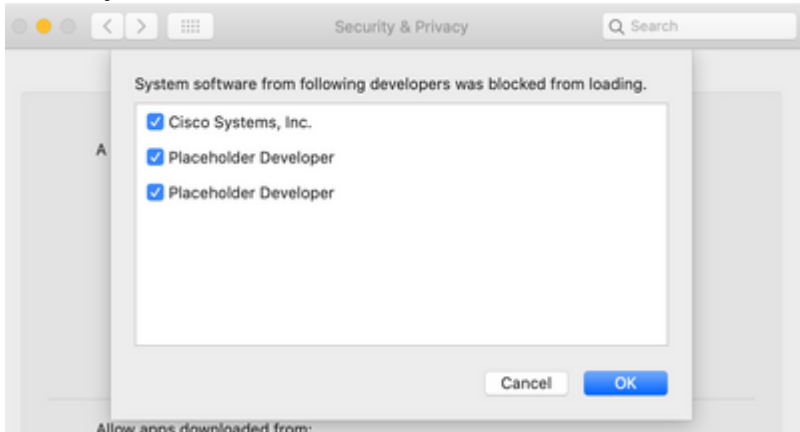
## Ù...Ø^ÙfÙ,,Ø§Øª Ù...Ø¹Ø±Ù^Ù♦Ø© Ù...Ø¹ MacOS 11.0 Ù^Ù...Ù^ØµÙ,, Mac 1.14.1.

- Ù,Ø ØªÙfÙ^Ù† Ø¥Ø±Ø´Ø§Ø-Ø§Øª Ø§Ù,,Ø¹Ø·Ù,, 10 "Ø¥Ø¹Ø§Ø-Ø© Ø§Ù,,ØªØ·Ø ÙŠÙ,, Ø§Ù,,Ù...Ø·Ù,,Ù^Ø·Ø© Ù,,ØªØÙ...ÙŠÙ,, Ù^ØØ-Ø© kernel Ø§Ù,,Ù†Ù...Ø·ÙŠØ© Ø£Ù^ Ù...Ù,,ØÙ, Ø§Ù,,Ù†Ø,Ø§Ù..." Ø°ÙŠØ± ØØÙŠØ© Ù♦ÙŠ ØØ§Ù,,Ø© ØªØ«Ø ÙŠØª Ø£Ø±Ø± Ø¹Ø© Ø¹Ù^Ø§Ù...Ù,, ØªØµÙ♦ÙŠØ© Ù...ØªÙ^Ù% Ø·Ø ÙfØ© Ø£Ù^ Ø£ÙfØ«Ø± Ø¹Ù,,Ù% Ø§Ù,,ÙfÙ...Ø ÙŠÙ^Øª±. Ø§Ø±Ø-Ø¹ Ø¥Ù,,Ù% Ù...Ù,,Ø§Ù,,Ø© [Ø£ØØ-Ø§Øª; Ù...Ù^Øµ,, Mac Connector Ù,,Ù+Ù,Ø·Ø© Ø§Ù,,Ù+Ù†Ø§ÙŠØ© Ø§Ù,,ØcÙ...Ù+Ø© Ù...Ù† Cisco](#) Ù,,Ù,,ØØµ^Ù,, Ø¹Ù,,Ù% Ù...Ø²ÙŠØ- Ù...Ù† Ø§Ù,,ØªÙ♦Ø§ØµÙŠÙ,,.

## Ø§Ù,,Ù...Ø^ÙfÙ,,Ø§Øª Ø§Ù,,Ù...Ø¹Ø±Ù^Ù♦Ø© Ù...Ø¹

# Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ´Ø°ÙŠÙ,, MacOS 10. 15/11. 0 ÙˆÙ...ÙˆØµÙ,, Mac 1. 14. 0.

- ÙŠÙ...Ù†Ø† Ø±Ù❖Ø¹ Ø´Ø¹Ø¶ Ø§Ù,,Ø£Ø®Ø·Ø§Ø; Ø§Ù,,ØªÙŠ ØªÙ... Ø¥Ø,Ù†Ø§Ø±Ù†Ø§ Ø´ÙˆØ§Ø³Ø·Ø© Ù...ÙˆØµÙ,, Mac Ø´Ø´Ù†Ù,, Ø°ÙŠØ± Ù...ØªÙˆÙ,Ø¹. Ø§Ø±Ø¬Ø¹ Ø¥Ù,,Ù% Ù...Ù,Ø§Ù,,Ø© Ø£Ø®Ø·Ø§Ø; Ù...ÙˆØµÙ,, Mac Connector Ù,,Ù†Ù,Ø·Ø© Ø§Ù,,Ù†Ù†Ø§ÙŠØ© Ø§Ù,,Ø©Ù...Ù†Ø© Ù...Ù† Cisco Ù,,Ù,,ØØµˆÙ,, Ø¹Ù,,Ù% Ù...Ø²ÙŠØ´ Ù...Ù† Ø§Ù,,ØªÙˆØµÙŠÙ,,
  - ÙŠÙ...Ù†Ø† Ø±Ù❖Ø¹ Ø§Ù,,Ø®Ø·Ø£ 13Ø£ ÙˆÙ†Ùˆ Ø¹Ø´Ø´ Ù†Ø´ÙŠØ± Ø¬Ø§ Ù...Ù† Ù...Ù,,ØÙ,Ø§Øª Ù†Ø,Ø§Ù... Ø¹Ø§Ù...Ù,, ØªØµ❖ÙŠØ© Ù...ØªÙˆÙ% Ø§Ù,,Ø´ Ù†Ø©Ø£ Ø´Ø¹Ø´ Ø§Ù,,ØªØ±Ù,ÙŠØ©. ØªØ³Ø§Ø¹Ø´ Ø¹Ù...Ù,,ÙŠØ© Ø¥Ø¹Ø§Ø´Ø© ØªØ´Ø°ÙŠÙ,, Ø§Ù,,Ù†Ù...Ø´ÙŠÙˆØªØ± Ø¹Ù,,Ù% ØÙ,, Ø§Ù,,Ø®Ø·Ø£ Ù❖ÙŠ Ù†Ø°Ù† Ø§Ù,,Ø§Ù,,Ø©.
  - Ø®Ø·Ø£ 15Ø£ ÙŠØªÙˆÙ,,Ø´ Ø§Ù...ØªØ´Ø§Ø´ Ø§Ù,,Ù†Ø,Ø§Ù... Ø§Ù,,ÙˆØµˆÙ,, Ø§Ù,,Ù†Ø§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Ø®Ø£ ÙŠÙ...Ù†Ø† ØªØ±Ø´ÙŠØªÙ† Ø´Ø¹Ø´ Ø¥Ø¹Ø§Ø´Ø© Ø§Ù,,ØªÙ...Ù†ÙŠØ´ Ø´Ø³Ø´Ø´ Ø®Ø·Ø£ Ù❖ÙŠ MacOS 11.0.0. ÙŠØªÙ... Ø¥ØµÙ,,Ø§Ø Ù†Ø°Ù† Ø§Ù,,Ù...Ù†Ù,,Ø© Ù❖ÙŠ MacOS 11.0.1. ÙŠÙ...Ù†Ø† ØÙ,, Ø§Ù,,Ø®Ø·Ø£ Ù...Ù† Ø®Ù,,Ø§Ù,, Ø¥Ø¹Ø§Ø´Ø© Ù...Ù†Ø Ø§Ù,,ÙˆØµÙˆÙ,, Ø§Ù,,Ù†Ø§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ Ù❖ÙŠ Ø¬Ø²Ø; Ø§Ù,,Ø£Ù...Ø§Ù† ÙˆØ§Ù,,Ø®ØµÙˆØµÙŠØ© Ù❖ÙŠ ØªÙˆØ¶ÙŠÙ,,Ø§Øª Ù†Ø,Ø§Ù... MacOS.
- Ø£Ø«Ù†Ø§Ø; Ø§Ù,,ØªØ«Ø´ÙŠØªØ£ ÙŠÙ...Ù†Ø† Ù,,Ø¬Ø²Ø; Ø§Ù,,Ø£Ù...Ø§Ù† ÙˆØ§Ù,,Ø®ØµˆØµŠØ© Ø¹Ø±Ø¶ "Ø§Ù,,Ù...Ø·ÙˆØ± Ø§Ù,,Ù†Ø§Ø¹Ø´" Ù†Ø§Ø³Ù... Ø§Ù,,ØªØ´ÙŠÙ, Ø¹Ù†Ø´Ù...Ø§ ÙŠØ´Ù,,Ø´ MacOS Ø§Ù,,Ø¥Ø°Ù† Ø´ØªØ´ÙŠÙ,, Ø§Ù...ØªØ´Ø§Øª Ù†Ø,Ø§Ù... Mac Connector. Ù†Ø°Ø§ Ø´Ø³Ø´Ø´ [Ø®Ø·Ø£ Ù❖ÙŠ MacOS 10.15](#). ØØ´Ø´ Ø§Ù,,Ù...Ø±Ø´Ø¹Ø§Øª Ø§Ù,,Ù...ÙˆØ´ÙˆØ´Ø© Ø´Ø¬Ø§Ù†Ø´ "Ø§Ù,,Ù...Ø·ÙˆØ± Ø§Ù,,Ù†Ø§Ø¹Ø´" Ù,,Ù,,Ø³Ù...Ø§Ø Ø´Ù...ÙˆØµ,, Mac Ø´ØÙ...Ø§ÙŠØ© Ø§Ù,,Ù†Ù...Ø´ÙŠÙˆØªØ±.

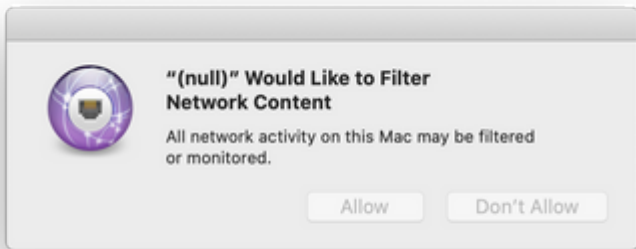


- ÙŠÙ...Ù†Ø† Ø¥Ø³ØªØ®Ø´Ø§Ù... Ø£Ù...Ø± Ù,Ø§Ø;Ù...Ø© systemExtensionsctl Ù,,ØªØ´ÙŠØ´ Ø§Ù...ØªØ´Ø§Øª Ø§Ù,,Ù†Ø,Ø§Ù... Ø§Ù,,ØªÙŠ ØªØªØ§Ø¬Ø¬ Ø¥Ù,,Ù% Ø§Ø¹ØªÙ...Ø§Ø´. Ø§Ù...ØªØ´Ø§Øª Ø§Ù,,Ù†Ø,Ø§Ù... Ù...Ø¹ Ø§Ù,,ØØ§Ù,,Ø© [ÙŠØªÙ... ØªÙ†Ø´ÙŠØ· Ø§Ù†ØªØ,Ø§Ø± Ø§Ù,,Ù...Ø³ØªØ®Ø´Ù...] Ù❖ÙŠ Ù†Ø°Ø§ Ø§Ù,,Ø¥Ø®Ø±Ø§Ø¬ ÙŠØªÙ... Ø¹Ø±Ø¶Ù† Ø¥ "Ù...Ø·ÙˆØ± Ù...ÙˆØ¶Ø¹ Ù...ØµÙ,Øª" Ù❖ÙŠ ØµÙ❖Ø© ØªÙˆØ¶ÙŠÙ,,Ø§Øª MacOS Ø§Ù,,Ù...ÙˆØ¶Ø© Ù...Ø³Ø´Ù,Ø§. Ø¥Ø°Ø§ ØªÙ... Ø¹Ø±Ø¶ Ø£Ù†Ø«Ø± Ù...Ù† Ø¥Ø´Ø®Ø§Ù,,ÙŠÙ† Ù,, "Ø§Ù,,Ù...Ø·ÙˆØ± Ø§Ù,,Ù†Ø§Ø¹Ø´" Ù❖ÙŠ ØµÙ❖Ø© Ø§Ù,,ØªÙˆØ¶ÙŠÙ,,Ø§ØªØ£ Ù,Ù...

Ø· Ø¥Ø²Ø§Ù,,Ø© ØªØ«Ø· Ù¸Øª Ù¸Ù,, Ø§Ù,,Ø· Ø±Ø§Ù...Ø¬ Ø§Ù,,ØªÙ¸  
 ØªØ³ØªØ®Ø·Ù... Ø§Ù...ØªØ¬Ø§Ø¬Ø§Øª Ø§Ù,,Ù¸Ø,Ø§Ù... (ØªØªØ¶Ù...Ù¸  
 Ù...Ù¸ØµÙ,, Mac) Ø· ØÙ¸Ø« Ù,,Ø§ ØªØªØªØ§Ø¬ Ø£Ù¸ Ø§Ù...ØªØ¬Ø§Ø¬Ø§Øª  
 Ø§Ù,,Ù¸Ø,Ø§Ù... Ø¥Ù,,Ù% Ø§Ø¹ØªÙ...Ø§Ø¬Ø£ Ø«Ù... Ù,Ù... Ø· Ø¥Ø¹Ø§Ø¬Ø©  
 ØªØ«Ø· Ù¸Øª Ù...Ù¸ØµÙ,, Mac.  
 Ù¸ØªÙ... ØªØ¬Ø·Ù¸Ø¬ Ø§Ù...ØªØ¬Ø§Ø¬Ø§Øª Ù¸Ø,Ø§Ù... Ù...Ù¸Øµ,, Mac Ù¸Ù...Ø§  
 Ù¸Ù,,Ù¸:

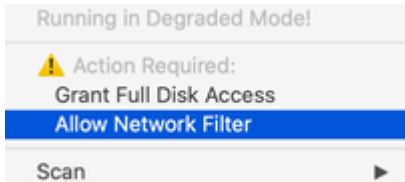
- Ù¸Ø,Ù¸Ø± Ø§Ù...ØªØ¬Ø§Ø¬ Ø§Ù,,Ø·Ø·Ù¸Ø© Ø¹Ù,,Ù% Ø£Ù¸Ù¸  
 com.cisco.endpoint.svc.networkextension.
- Ù¸Ø,Ù¸Ø± Ù...Ù,,ØÙ, Ø£Ù...Ø§Ù¸Ø§Ù,,Ù¸Ù,Ø·Ø© Ø§Ù,,Ø·Ø±Ù¸  
 Ù,,Ø·Ù¸Ù¸ com.cisco.endpoint.svc.securityExtension.

- Ø£Ø«Ù¸Ø§Ø; Ø§Ù,,ØªØ«Ø·Ù¸ØªØ£ Ù¸Ù...Ù¸Ù¸Ù¸ Ù,,Ù,,Ù...Ø·Ø§Ù,,Ø·Ø© Ø·Ø§Ù,,Ø³Ù...Ø§Ø  
 Ù,,Ø¹Ø§Ù...Ù,, ØªØµÙ¸Ù¸Ø© Ø§Ù,,Ù...ØªØªÙ¸Ù% Ø· Ù...Ø±Ø§Ù,,Ø·Ø© ØØ±Ù¸Ø©  
 Ù...Ø±Ù¸Ø± Ø§Ù,,Ø·Ø·Ù¸Ø© Ø¹Ø±Ø¶ "(Ù¸Ø§Ø±Ø)" Ù¸Ø§Ø³Ù...  
 Ø§Ù,,ØªØ·Ø·Ù¸Ù,, Ù¸ØØ¬Ø« Ù¸Ø°Ø§ Ø· Ø³Ø·Ø· Ø®Ø·Ø£ Ù¸Ù¸ MacOS 10.15. Ù¸Ø-  
 ØªØ§Ø¬Ø·Ø§Ù,,Ù...Ø³ØªØ®Ø·Ù... Ø¥Ù,,Ù% ØªØªØ·Ù¸Ø¬ "Ø§Ù,,Ø³Ù...Ø§Ø" Ù,,Ø¶Ù...Ø§Ù¸  
 ØÙ...Ø§Ù¸Ø© Ø§Ù,,Ù¸Ù...Ø· Ù¸Ù¸Øª.



- Ø¥Ø°Ø§ ØªÙ... Ø±Ù¸Ø¶ Ø§Ù,,Ù...Ø·Ø§Ù,,Ø·Ø© Ù,,Ø£Ù¸Ù¸ ØªÙ... Ø¥Ø®ØªÙ¸Ø§Ø±  
 "Ø¹Ø¬Ù... Ø§Ù,,Ø³Ù...Ø§Ø"Ø£ Ù¸Ù,,Ù... Ø· ØªØªØ·Ù¸Ø¬ "Ø§Ù,,Ø³Ù...Ø§Ø Ø·Ø¹Ø§Ù...Ù,,  
 ØªØµÙ¸Ù¸Ø© Ø§Ù,,Ø·Ø·Ù¸Ø©" Ù...Ù¸Ø§Ù,,Ù,Ø§Ø!Ù...Ø© Ø§Ù,,Ù...Ù¸Ø³Ø¬Ù,,Ø©

Ù¸Ù¸ Ø±Ù...Ø² Ø§Ù,,Ø¹Ø§Ù...Ù,,  Ù¸Ù¸ Ø´Ø±Ù¸Ø· Ø§Ù,,Ù,Ø§Ø!Ù...Ø©  
 Ù,,Ù¸Øª Ø§Ù,,Ù...Ø·Ø§Ù,,Ø·Ø© Ù...Ø±Ø© Ø£Ø®Ø±Ù%.



- Ù¸Ø·Ù...Ø¬Ø±Øª ØªÙ...Ù¸Ù¸Ù¸Ù¸Ù¸Ø£ Ù¸ØªÙ... Ø³Ø±Øª Ø¹Ø§Ù...Ù,, ØªØµÙ¸Ù¸Ø©  
 "Ù...Ù,,ØÙ, Ø·Ø·Ù¸Ø© Ù¸Ù,Ø·Ø© Ø§Ù,,Ù¸Ù¸Ø§Ù¸Ø© Ø§Ù,,Ø¸Ù...Ù¸Ø©" Ù¸Ù¸  
 ØµÙ¸Ø© ØªÙ¸Ù¸Ù¸Ù¸Ù¸Ø§Øª Ø§Ù,,Ø·Ø·Ù¸Ø©.



# Ù...ØÙ❖Ù^Ø,Ø§Øª Ø§Ù,,Ù...Ø±Ø§Ø¬Ø¹Ø©

1 Ø-ÙŠØ³Ù...Ø¨Ø±Øœ 2020 Ù...

- Ù,,Ù... ÙŠØ¹Ø- Ù...Ù^Øµ,, Mac 1. 14. 1 ÙŠØ³ØªØ©Ø-Ù... Ø§Ù...ØªØ-Ø§Ø-Ø§Øª Ø§Ù,,Ù†Ø,Ø§Ù... Ø¹Ù,,Ù% MacOS 10. 15.
- Ø¥Ø±Ø´Ø§Ø-Ø§Øª Ø¥Ø¶Ø§Ù❖ÙŠØ© ØÙ^Ù,, Ù❖ØØµ Ø§Ù,,Ù^ØØ¬Ø© Ø§Ù,,Ø·Ø±Ù❖ÙŠØ© Ø£ÙŠ Ù...Ù,,ØÙ,Ø§Øª Ù†Ø,Ø§Ù... "Placeholder Developer" ØªØ-ØªØ§Ø¬ Ø¥Ù,,Ù% Ù...Ù^Ø§Ù❖Ù,Ø© Ù...Ø¹ Ù...Ù^ØµÙ,, MAC 1.14.0.

9 Ù†Ù^Ù❖Ù...Ø¨ Ø±Øœ 2020 Ù...

- Ù...Ø¹Ø±Ù❖ Ø§Ù,,Ù...Ø-Ù...Ù^Ø¹Ø© Ø§Ù,,Ù...ØµØØ Ù❖ÙŠ ØÙ...Ù^Ù,,Ø© MDM Ø§Ù,,Ø©Ø§ØµØ© Ø¨ CodeRequirements Ù,,Ù,,Ù^ØµÙ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ.

3 Ù†Ù^Ù❖Ù...Ø¨ Ø±Øœ 2020 Ù...

- ØªØ§Ø±ÙŠØ© Ø§Ù,,Ø¥ØØ-Ø§Ø± Ù,,Ù...Ù^Øµ,, Mac 1.14.0 Ù†Ù^ Ù†Ù^Ù❖Ù...Ø¨ Ø± 2020.
- ÙŠØ³ØªØ©Ø-Ù... Ù...Ù^Øµ,, Mac 1.14.0 Ø§Ù...ØªØ-Ø§Ø-Ø§Øª Ø§Ù,,Ù†Ø,Ø§Ù... Ù...Ø¹ Ù†Ø,Ø§Ù... Ø§Ù,,ØªØ-Ø°ÙŠÙ,, MacOS 10.15.5 Ù^Ø§Ù,,Ø¥ØØ-Ø§Ø±Ø§Øª Ø§Ù,,Ø£ØØ-Ø«. Ø³Ø§Ø¬Ù,Ø§ ÙfØ§Ù† Ù†Ø°Ø§ 10.15.6.
- Ù,Ø³Ù... "Ø§Ù,,Ù...Ø´Ø§ÙfÙ,, Ø§Ù,,Ù...Ø¹Ø±Ù^Ù❖Ø© Ø§Ù,,Ù...Ø¶Ø§Ù❖Ø©".
- ØªÙ... ØªØØ-ÙŠØ« Ù...Ø©Ø·Ø· Ø¨Ù†ÙŠØ© Ø§Ù,,Ø-Ù,,ÙŠÙ,,.

3 ÙŠÙ^Ù†ÙŠÙ^Øœ 2021 Ù...

- Ø¥Ø±Ø´Ø§Ø-Ø§Øª Ø¥Ø¶Ø§Ù❖ÙŠØ© Ù,,Ù...Ù†Ø Ø§Ù,,Ù^ØµÙ^Ù,, Ø§Ù,,ÙfØ§Ù...Ù,, Ø¥Ù,,Ù% Ø§Ù,,Ù,Ø±Øµ Ù,, Cisco Orbital.

13 Ø£ÙfØªÙ^Ø¨Ø±Øœ 2021 Ù...

- Ø¥Ø¶Ø§Ù❖Ø© Ø¥Ø²Ø§Ù,,Ø© Ø§Ù...ØªØ¬Ø§Ø¬Ø§Øª MacOS Ù,,Ù...Ù^ØµÙ,, MacOS Ø¨ Ø§Ø³ØªØ©Ø-Ø§Ù... Ù,Ø³Ù... MDM.
- ØªÙ...Øª Ø¥Ø¶Ø§Ù❖Ø© Ù...Ø´Ø§ÙfÙ,, Ù...Ø¹Ø±Ù^Ù❖Ø© Ù,,Ù,Ø³Ù... "Ø¥Ø²Ø§Ù,,Ø© ØªØ«Ø¨ ÙŠØª Ù...Ù,,ØÙ,Ø§Øª Ø§Ù,,Ù†Ø,Ø§Ù...".

25 Ù❖Ø¨ Ø±Ø§ÙŠØ±Øœ 2022 Ù...

- Ø±ÙŠØ´Ø±Ø§Ù†Ø-

ةمچرتل هذه ل و ح

ةلأل تاي نقتل ن مة و مچم مادختساب دن تسمل اذ ه Cisco ت مچرت  
ملاعلاء نأ عي مچ ي ف ني مدختسمل معد ي وتحم مي دقتل ل ي رش بل او  
امك ة قيق د نوك ت نل ةلأل ة مچرت ل ض ف أن ة ظ حال م ي ج ر ي . ة ص ا خ ل م ه ت غ ل ب  
Cisco ي ل خ ت . ف ر ت ح م م چ ر ت م ا ه م د ق ي ي ت ل ا ة ي ف ا ر ت ح ا ل ا ة م چ ر ت ل ا ع م ل ا ح ل ا و ه  
ى ل ا م ا د ع و ج ر ل ا ب ي ص و ت و ت ا م چ ر ت ل ا ه ذ ه ة ق د ن ع ا ه ت ي ل و ئ س م Cisco  
Systems (رف و ت م ط بار ل ا) ي ل ص أ ل ا ي ز ي ل ج ن ا ل ا دن تسمل ا