

MDM i»æ, ¥í, ° ë° Orbitali— ëCEÍ•œ ê¶CEÍ•œ êµ-ì, ±: ì „i²' ë'''ìŠáí- ì•jì, ìŠæ, ìœèìŠáí...œ í™•ìž¥

ëª©ì°°

- [ì†CEê°œ](#)
- [MDM í™•ëjœí•„](#)
- [ìž•ë-](#)
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- [ìœ'ìš'í•œ ë³€ê²½ ì-í•](#)
- [Mac ì»æ, ¥í, ° macOS í™•ìž¥ ìŠ'ì•](#)
- [ì—'ë“œí-ì•íŠ, ì—•ì, œ Mac ì»æ, ¥í, ° macOS í™•ìž¥ ìŠ'ì•](#)
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- [ì—'ë“œí-ì•íŠ, ì—•ì, œ 1.18.0 ì•í•ì•~ ì»æ, ¥í, ° ë², ì „ì—• ëCEÍ•œ ì „i²' ë'''ìŠáí- ì•jì, ìŠæ ìŠ'ì•](#)
- [ì—'ë“œí-ì•íŠ, ì—•ì, œ Cisco Orbitalì•~ ì „i²' ë'''ìŠáí- ì•jì, ìŠæ ìŠ'ì•](#)
- [ì—'ë“œí-ì•íŠ, ì—•ì, œ Cisco Secure Endpoint Connector 1.18.0 ì•í•ì•ì—• ëCEÍ•œ ì „i²' ë'''ìŠáí- ì•jì, ìŠæ ìŠ'ì•](#)
- [MDMì•„ ì-ìš© í•~ëš" ì»æ, ¥í, °ì—• ëCEÍ•œ ì „i²' ë'''ìŠáí- ì•jì, ìŠæ ìŠ'ì•](#)
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- [macOS 10.15 ì•í•ì „ë², ì „ìš© ì†í™CE MDM ì»'í™¼ê•ë^ì•~](#)
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- [ë², ì „ 1.14.0~1.16.2](#)
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- [macOS 11.0 ë°• Mac Connector 1.14.1ì•~ ì•CEë µìš, ë-ì œ.](#)
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- [ìœèìŠáí...œ í™•ìž¥ì•„ ìœê±°í•~ëš" ë™ì•^ ì•CEë µìš, ë-ì œ](#)
- [Intune ë°°í•-ì, µì¹~ ìŠáí-ë!½íŠ](#)
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- [ê°œì •ì•'ë ¥](#)

ì†CEê°œ

ì•'ë-ì, œì—•ì, œëš" é'€ë!-ìž•ê°€ Mac ì»æ, ¥í, ° 1.14 ì•í•ì•ì•, ë°°í•-í•~ëš" ìµœê•¼ì•~ ë³€ê²½ ì-í• ë°• ë'ë³, ì—• ëCEÍ•' ì, µëª...í•©ë^ëœ.

MDM í,,ë;œí,,

í,,íš"íœ ìšì, è¶€í—í~ěš" MDM í,,ë;œí,,ë;œ Mac ì»æ,,¥í,,°ě¼ êµ—ì¶í~ěš" ê²fi ìçìšµè^èκ. MDM í,,ë;œí,,ì€ í,,íš"íœ ê¶€íœì ì,ì<è~è,,ë;œ Mac ì»æ,,¥í,,°ě¼ ì,,ì¹, ì—...ê;è ì'è"œ è~ěš" ìœê±í~ê;° ì,,ì— ì,,ì¹~í•¼ í•©è^èκ. MDMì,, ì,—ìš©í• ì~ ì—těš" ê²½ìš° ì' è¬,ì,,œì~ è'è¶€è¶,,ì— è,~ì~ěš" ì•œè ìš,, è¬,ì œ ì,,ì...~ì, ì°ì~ì<œì~.

ìžë¬,

Mac ì»æ,,¥í,,° è²,ì ,, 1.14ì— ì£¼ì~ê°€ í,,íš"íœ è³è²½ ì,—ì' ì' è,,ìž...è~ì—ìšµè^èκ.

- ì,,ì²' è"ìšìí—ì;ì,,ìšì ìš'ì,
- [ìœìšìí...œ í™•ìž¥ ìšì](#),

macOS 11 ì'ì—ì,,œ ì—"œì—ì,íš, è³í~ě¼ è³ìž¥í~è æè' Mac ì»æ,,¥í,,° 1.14 ì'ì' í,,íš"íœè^èκ. ì'ì,, Mac ì»æ,,¥í,,°ěš" ì'èŸ—íœ è²,,ì,ì~ macOSì—ì,,œ ìž'è™í~ìš€ ìšìšµè^èκ.

Mac ì»æ,,¥í,,° è²,ì ,, 1.16ì€ ì,í... í~è"œì"ì-ì—ì,,œ [Cisco Orbital](#)ì— èœíœ ìšìì,, è,,ìž...ì—ìšµè^èκ. Orbitalì€ Advantage è~ěš" Premier Tierì~ì•±...ì—ì,,œ í™œì,,±í™í• ì~ ìž^ìœ¼è©, ìšììèè~ěš" OS è²,,ì,, è° ìšììèè~ěš" í~è"œì"ì-ì—ì í™œì,,±í™í™ è° ì,,ì¹~è è•œ ìžèè™ìœ¼è;œ ì,,ì¹~è©è^èκ. Mac ì»æ,,¥í,,° è²,ì ,, 1.20ì—èš" Orbital Node 1.21è¾ í•ê~ è'è'—ìšìè ì~ì•ì, Apple ì»æ'—ì½ í~è"œì"ì-ì—ì,,œ Cisco Orbitalì— èœíœ ìšìì ìœè¹,,è°€ è,,ìž...è~ì—ìšµè^èκ. ìœè¹,,ì— í,,íš"íœ ì¶"è°€ ì,,ì²' è"ìšìí—ì;ì,,ìšì ê¶€íœì,, è¶€íœì—í~ěš" è©è²ì— èœíœ ìžì,,íœ è,ìš©ì€ ì' è¬,ì,,œì~ Cisco Orbital ì,,ì...~ì, ì°ì~ì<œì~.

ìœì†œ OS ìš"êµ ì,—í•

Cisco Secure Endpoint Mac ì»æ,,¥í,,° 1.14.0ì€ macOS è²,,ì,, ìšììíœè^èκ.

- macOS 11(macOS ìœìšìí...œ í™•ìž¥ í—í•)
- macOS 10.15.5 ì'ì'(macOS ìœìšìí...œ í™•ìž¥ í—í•)
- macOS 10.15.0~macOS 10.15.4(macOS ì»æ,,œ í™•ìž¥ í—í•)
- macOS 10.14(macOS ì»æ,,œ í™•ìž¥ í—í•)

Cisco Secure Endpoint Mac ì»æ,,¥í,,° 1.14.1ì€ macOS è²,,ì,, ìšììíœè^èκ.

- macOS 11(macOS ìœìšìí...œ í™•ìž¥ í—í•)
- macOS 10.15(macOS ì»æ,,œ í™•ìž¥ í—í•).
- macOS 10.14(macOS ì»æ,,œ í™•ìž¥ í—í•)

Intel í~è"œì"ì-ì—ì,,œ Cisco Orbitalì,, ìšììíœè^èš" Secure Endpoint Mac ì»æ,,¥í,,° è²,,ì ,, 1.16.0ì€ è,,ìž...è~ì—ìšµè^èκ. Apple ì»æ'—ì½ í~è"œì"ì-ì—ì,,œ Cisco Orbitalì— èœíœ ìšììì€ Secure Endpoint Mac ì»æ,,¥í,,° è²,,ì ,, 1.20.0ì— è,,ìž...è~ì—ìšµè^èκ.

Í, ÌŽ Mac Ì»Ä, ¥Í, ° [Í, Í™, Ì, ±](#) € OS [Í, Í™, Ì, ±](#) í°æÏ¼ Ì° Ì; í° Ì ÌæÌ».

Ì»ÍŠ'Í°æ Æ²½ Ì, -Í°

Mac Ì»Ä, ¥Í, ° 1.14 Ì— Ì, æÏŠ' Ì, æ°ËÏ€ Ì— Ì— Ì, æ Ì»ÍŠ'Í°æ Æ²½ Ì, -Í° Ì' Æ, ÌŽ... Æ Ì— ÌŠµè^è«.

1. Ì»Ä, ¥Í, ° Ì— Ì, æ Ì, -ÌŠ©Í°~ËŠ' macOS Extensions ÌŠ' Ì,
2. Ì, Ì²' Æ''' ÌŠµí Ì— Ì; Ì, ÌŠµ
3. Ìf^ Æ''' è %ó, °è Ì— èµì°

MacOS 12 ÆŠ' Ì, -ÌŠ©ÌŽ Æ¹, æ°æ²^Í, æÏ¼ æ—»ËŠ' Í, æ; -Í, ÌŠ, Ì— Ì Ì»Ä, ¥Í, ° Ì~ macOS Í™·ÌŽ¥ Ì, Ìæ±°Í° Ì~ ÌŽè Æ, æ; MDM Ì~µì... Ì Æ, ÌŽ... Ì— ÌŠµè^è«.

Mac Ì»Ä, ¥Í, ° macOS Í™·ÌŽ¥ ÌŠ' Ì,

Mac Ì»Ä, ¥Í, ° ÆŠ' macOS æ², Ì, Ì— Í, ÌŠ'Í°æ ÌæÌŠµí...æ Í™æè Ì, æ'' è^Í, °èŠ Ì°è, Ì° Ìæ, Í° System Extensions Æ ÆŠ' legacy Kernel Extensions Æ¼ Ì, -ÌŠ©Í°æ^è«æ. macOS 11 Ì— Ì, æ ÌæÌŠµí...æ Í™·ÌŽ¥ € macOS 11 Ì Ìf Ì— Ì, æ ÌŠ€ Ì— ÌŠ€ Ì°ŠèŠ' è ^è±°Í°æ Ì»Ä, ° Í™·ÌŽ¥ Ì, æËÏ²'Í°æ^è«æ. è Í™·ÌŽ¥ Ìæ Í° Ì° Í°è, æÏ¼ ÌæÍ-°ó Ì°è æè° è'' è'' è², Ì, Ì~ macOS Ì— Ì, æ Ì, -ÌŠ©ÌŽ ÌŠ' Ì, Ì' Í, ÌŠ'Í°æ^è«æ. ÌŠ' Ì, Ì— Ìæ¼æè° Ì; Ì, ÌŠµ ÌæÍ, Íæè¼ ÌŠµí, æ, µíŠ, ÌæÍ Ì— Ì; Ì, ÌŠµ æ'' è^Í, ° è'' Ì~ ÌŠ' Ì Ì»Ä, ¥Í, ° è, °èŠ¥ Ì, -ÌŠ©Í° Ì— Ì— ÌŠµè^è«æ.

Mac Ì»Ä, ¥Í, ° 1.14 Ì— ÆŠ' è' æ°ËÏ€ Ìf^è;æÌŠ' macOS ÌæÌŠµí...æ Í™·ÌŽ¥ Æ Æ, ÌŽ... Æ Ì— ÌŠµè^è«æ.

1. ÌæÌŠµí...æ Ì æ²µíŠ, æÏ¼ æ'' è^Í, °èŠ Ì°è, Ì°æ Secure Endpoint File Monitor (Ì Ì, Ì~ AMP Security Extension) Æ¼ ÆŠ' Ì— è''æÍ Ì, ÌŠ, æ³Í° Í™·ÌŽ¥
2. è, µíŠ, ÌæÍ Ì— Ì; Ì, ÌŠµÏ¼ æ'' è^Í, °èŠ Ì°è, Ì°æ Cisco Secure Endpoint Filter (Ì Ì, Ì~ AMP Network Extension) Æ¼ ÆŠ' è, µíŠ, ÌæÍ Ì— Ì½Í... Ì, Í, ° Í™·ÌŽ¥

è æ°ËÏ€ è ^è±°Í°æ Ì»Ä, ° Í™·ÌŽ¥, ampfileop.kext Í™æ ampnetworkflow.kext ÆŠ' Ìf^è;æÌŠ' macOS ÌæÌŠµí...æ Í™·ÌŽ¥ Ì, ÌŠ€ Ì— ÌŠ€ Ì°ŠèŠ' Ì Ì, macOS æ², Ì, Ì— Ì, æ Ì, æ², Ì, æ³¼ Ì~ Í, Í™, Ì, ± Ì, Ìæ, Í° Ì— Ì° è Ì— ÌŽ ÌŠµè^è«æ.

macOS 11 ** Ì Ìf Ì— Í, ÌŠ'Í°æ ÌŠ' Ì;

- è;æè''æÍ° æ³Í° Ì— è''æÍ Ì, ÌŠ, Íæè¼ æ'' è^Í, ° ÌŠ' Ì,
- è;æè''æÍ° Cisco æ³Í° Ì— è''æÍ Ì, ÌŠ, Í, °, ÌŠ' Ì,
- Cisco Secure Endpoint Filter è°æ è, µíŠ, ÌæÍ Ì— Ì½Í... Ì, æÏ¼ Í, °, Ì, °èŠ Ì°è, Ì°æ Ì— ÌŠ©

** Mac Ì»Ä, ¥Í, ° æ², Ì, 1.14.0 Ì, macOS 10.15 Ì— Ì, æ Ì' èÏ-Í°æ ÌŠ' Ì, Ì' Í, ÌŠ'Í°æ ÌŠµè^è«æ. Ì' èÏ-Í°æ ÌŠ' Ì, Ì' € Mac Ì»Ä, ¥Í, ° 1.14.1 Ì Ìf ÌŠ© macOS 10.15 Ì— Ì, æ è Ì' Ìf Ì' Í, ÌŠ'Í°æ ÌŠµè^è«æ.

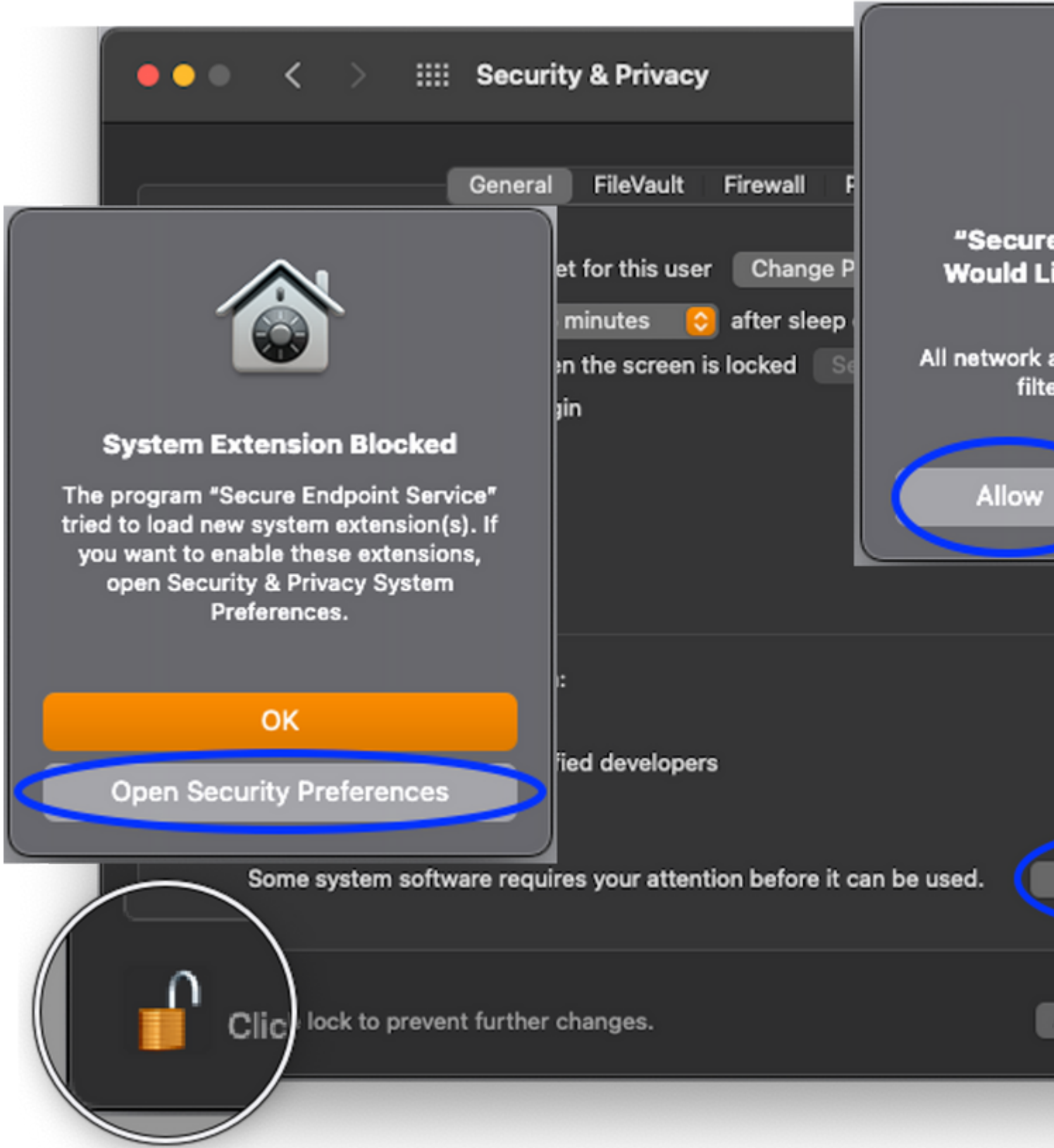
macOS 10.14 è°æ macOS 10.15 Ì— Í, ÌŠ'Í°æ ÌŠ' Ì;

- ę;œë“œí• ì»œë,,Ÿí,,° ì»œë,, í™•îžŸ îš¹î,

ì éÿ-í•œ îš¹î, ì € ì—”ë“œí-ì, íš, ì ~ macOS Security & Privacy Preferences (ë³î^ ë° ê°œì, ì •ë³’ ë³’í~ í™~ê²½ ì,,ìì •) ì—ì,,œ ë~ëš” [MDM\(Mobile Device Management\) í”..ę;œí•..ì](#), í†í’ îš¹î, ëë ì~ îž¹îšµëk^ëœ.

ì—”ë“œí-ì, íš, ì—ì,,œ Mac ì»œë,,Ÿí,,° macOS í™•îžŸ îš¹î,

ìœîšđí...œ ë° ì»œë,, í™•îžŸî € macOS Security & Privacy Preferences ì°½ì—ì,,œ ì~ë™ìœ¼ë;œ îš¹î, í• ì~ îž¹îšµëk^ëœ.



MDM, it's Mac, yes, macOS™ is!

macOS Extensions MDM, it's Mac, yes, macOS™ is! Connector
 MDM, it's Mac, yes, macOS™ is! Connector
 MDM, it's Mac, yes, macOS™ is! Connector

1. Connector MDM, it's Mac, yes, macOS™ is!

ĩ~ë™ ĩš'ĩ,

2. Mac ĩ»æë,Ÿí,,°ëŸ¼ ĩ~,ĩž- êµĩ•ëœ ë²,,ĩ „ë³'ë« ĩµœĩ« ë²,,ĩ „ĩœ¼ë;œ

ĩ—...ê;ë ĩ'ë"œĩ•œë'ê«œ. ê'€ëĩ- ĩ",ë;œĩœœĩ¼ĩ' êµ-ĩĩ•ëœ ĩ—"œĩœ-ĩ,ĩš,ěš"

ĩ—...ê;ë ĩ'ë"œ ĩ,, ê'€ë | - ĩ",ë;œĩœœĩ¼ĩ,, ĩťœë,‰ĩ•ĩ— ĩ,ĩœĩ•ĩ~ë³

ĩ—...ê;ë ĩ'ë"œê°€ ĩ™,,ëŸœë~ëœ' ĩš'ĩ,ĩš,, ë°ĩšµë^ê«.

ë³ĩ^ ĩ—"œĩœ-ĩ,ĩš, ĩ™•ĩžŸĩœ € ë«ĩœœë³¼ ê°™ĩœ € ĩž~ĩ'ë;œë"œ ë° ĩťĩ,,ĩœ,, ê°€ĩš,, ê'€ë | - ĩ",ë;œĩ•,ë;œ ĩš'ĩ,ĩœ ĩ~ ĩž~ĩšµë^ê«.

ĩž~ĩ'ë;œë"œ	ĩťĩ,,ĩœ	ê°€ĩ~
ĩœĩšŸĩ...œ ĩ™•ĩžŸ	ĩ—ĩšœëœ ĩœĩšŸĩ...œ ĩ™•ĩžŸ	com.cisco.endpoint.svc.securityextension com.cisco.endpoint.svc.networkextension
	ĩ—ĩšœëœ ĩœĩšŸĩ...œ ĩ™•ĩžŸ ĩœ ĩ•	ĩ—"œĩœ-ĩ,ĩš, ë³ĩ^ ĩ™•ĩžŸ, ë,,ĩš,ĩœœĩœ- ĩ™•ĩžŸ
	ĩ—ĩšœë~ěš" ĩœ€ ĩœë³,,ĩž	DE8Y96K9QP
SystemPolicyKernelExtensions	ĩ—ĩšœëœ ĩ»æë,, ĩ™•ĩžŸ	com.cisco.amp.fileop, com.cisco.amp.n
	ĩ—ĩšœë~ěš" ĩœ€ ĩœë³,,ĩž	TDNYQP7VRK
ĩ¼ĩž~ĩ...ĩ,ĩ,,ĩ,,°	ĩžë™ ĩ,,ĩ,,° ĩ,-ĩšœ	ĩœëœ
	ĩ,,ĩ,,° ëœ'ĩ,,° ê³µê,‰ĩž ë²^ë"œ ĩœë³,,ĩž	com.cisco.endpoint.svc.networkextension
	ĩ,,ĩ,,°DataProviderDesignatedRequirement	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 leaf[field.1.2.840.113635.100.6.2.6] /* ex */ and certificate leaf[field.1.2.840.113635.100.6.1.13] /* exists */ and certificate leaf[subject.OU DE8Y96K9QP)
	ĩ,,ĩ,,° ë"±ê,‰	ë°œĩ™"ë²½
	ĩ,,ĩ,,°ë,œëœ¼ĩš'ĩ €	ĩœëœ
	ĩ,,ĩ,,°ĩœ'ĩ,	ĩœëœ
	ĩ,,ĩ,,° ĩťœĩ¼"	ĩ°
	ĩťœëŸ-ê; ĩ, ĩ, ë²^ë"œ ID	com.cisco.endpoint.svc
	ĩ,-ĩšœĩž ĩ•ĩ~ ĩ'ë'ĩ,,	Cisco Secure Endpoint Filter(1.18.0 ĩœ ĩ»æë,Ÿí,,° ë²,,ĩ,ĩ~ ë²½ĩš° AMP ë,,ĩš,ĩœœĩœ- ĩ™•ĩžŸ)

MDMĩ,, ĩ,-ĩšœ ĩ•ĩ— ĩšŸ ĩ»æë,Ÿí,,° macOS ĩ™•ĩžŸ ĩœê±°

MacOS 12 ĩ'ĩ-ĩ,,œěš" ĩ,,ěž~ĩ— ĩ,,æª...ëœ ê²fĩ~ëŸ¼ macOS ĩ™•ĩžŸĩ,,

RemovableSystemExtensions ĩťĩ,,ĩœ¼ë;œ ĩ'ë™ĩœĩœ¼ë;œ ĩ'œĩœĩ• ĩ~ ĩž~ĩšµë^ê«.

ĩ,ë³ : macOS ĩ™•ĩžŸ

i'ë™k ê¶œí·œi í—îš©ë~ëœ' ëƒ" íš, ê¶œí·œi íž^ëš" ë"ë" í,îš©îž ë~ëš"
 í"„ëjœi„îšœí—œëš" í,îš©îž í"í"„ë¼¼ ë-»ëš" ëœ"í·œiš€ í-ti' í™·îžŸí„ í œê±í· í~
 îžîšµë^ëœœ. ë"ë¼¼,œ RemovableSystemExtensions î†î„±íœ ê'€ëî-îžê'€ í»œ„Ÿí„°
 í œê±í·ë¼¼ îžë™í™í"í·ë œëš" ê²½îš°í—ëšœ í,îš©í·¼ í·œë^ëœœ.

í,ê³ : macOS í™·îžŸíœ MDMì„ í†µí· í†œ%œí·~î—î œê±í· î—î-†îšµë^ëœœ. í»œ„Ÿí„°ë¼¼
 í œê±í·ê³, í,î— MDM í"„ëjœíœœíœ¼íœ' êµ-î¶·ë~îš€ í·šìœ ê²½îš° macOS Extensions
 í œê±í·îš¹íœ, íœ' í—îš©ë~îš€ í·šìœ¼ëœ°, í,îš©îžëš" í»œ„Ÿí„° í œê±í· í"„ëjœi„îšœ íœí—
 í—"ëœíœ-îœ, íš, í— í~ë™íœ¼ëjœœ ë¹, „ëœë²^í"„ë¼¼ îž...ë Ÿí·~î— macOS Extensionsë¼¼
 í œê±í·¼ í·œë^ëœœ.

RemovableSystemExtensions î†î„±íœ' SystemExtensions íž~íœ'ëjœë"œi— í¶"ê°€ëœœ ê'€ëî-
 í"„ëjœí„îœ' í„µî~ë~ëœ' í»œ„Ÿí„° í œê±í·œ' íœ¼ê¶ëjœœ ë³í·^ ëœœîœ í™·îžŸí„ í œê±í·
 í~ îžîšµë^ëœœ. RemovableSystemExtensions î†î„±íœœ'ë³í·^ ëœœîœ í™·îžŸíœ~ ë²^ë"œ
 íœë³„îžë¼¼ ë"ë' íœ-í·¼ í·œë^ëœœ.

ížîœ'ëjœë"œ	î†î„±	ê°€í~
íœišœí...œ í™·îžŸ	íœ'ë™k íœišœí...œ í™·îžŸ	com.cisco.endpoint.svc.securityextension, com.cisco.endpoint.svc.networkextension

í,î²' ë"„îšœíœ-î·jî„îšœ

MacOS 10.14 íœ'íœí—œ„œëš" íœ'îš© í"„ëjœë:ëž"íœ' ê°œiœ, í,îš©îž ëœ°íœ'í„ê°€
 íœ-í·~ëœœ íœœíœ¼ íœišœí...œíœ~ íœ¼ê¶ëjœœ(í~: í—ëœ½î²~ , í,îš„, íœ¼í·ëœ'ê³íœ íœ'îš©
 í"„ëjœë:ëž")í—î·jî„îšœíœ~ê³, í,î— íš¹íœ,íœ„ ë°>í„¼ í·œë^ëœœ. í·jî„îšœ íœœ íœœíœ¼
 ê²€í,îí™œ ê°™íœœ íš¹í·í»œ„Ÿí„° ê³ëšŸíœœ íš¹íœ, í-tiœ' íœ'ëŸ-í·œœ íœœíœ¼íœ„ ê²€í,íœ'~î—
 íœ„íœíœ, íœ¼íœ,¼ í~ í-tîšµë^ëœœ.

íœ'í„ Mac í»œ„Ÿí„° ë²,í„î—œ„œëš" í,îš©îžê°€ ampdaemon í"„ëjœë:ëž"íœ'—ëœíœœ í„î²'
 ë"„îšœíœ-î·jî„îšœ ê¶œíœœíœ„ ê¶œíœ-í·¼ í—îšµë^ëœœ. Mac í»œ„Ÿí„° 1.14í—ëš" ëœœíœœíœ—
 ëœíœœ í„î²' ë"„îšœíœ-î·jî„îšœê°€ í„îšœíœœë^ëœœ.

- "AMP for Endpoints í„œë¹,îšœ"
- "AMP ë³í·^ í™·îžŸ"

Mac í»œ„Ÿí„° 1.16.0 íœ'íœí—ëš" ëœœíœœíœ—ëœíœœ í¶"ê°€ í„î²' ë"„îšœíœ-î·jî„îšœê°€
 í„îšœíœœë^ëœœ.

- "Cisco Orbital"(í·±...í—œíœíœ„±íœ"ëœœ ê²½îš°), Advantage ëœ Premier í·jî„îšœíœ™œ
 í·ê»~ í,îš© ê°€ëšŸ

Mac í»œ„Ÿí„° 1.18 íœ'íœí—ëš" ëœœíœœíœ—ëœíœœ í„î²' ë"„îšœíœ-î·jî„îšœê°€
 í„îšœíœœë^ëœœ.

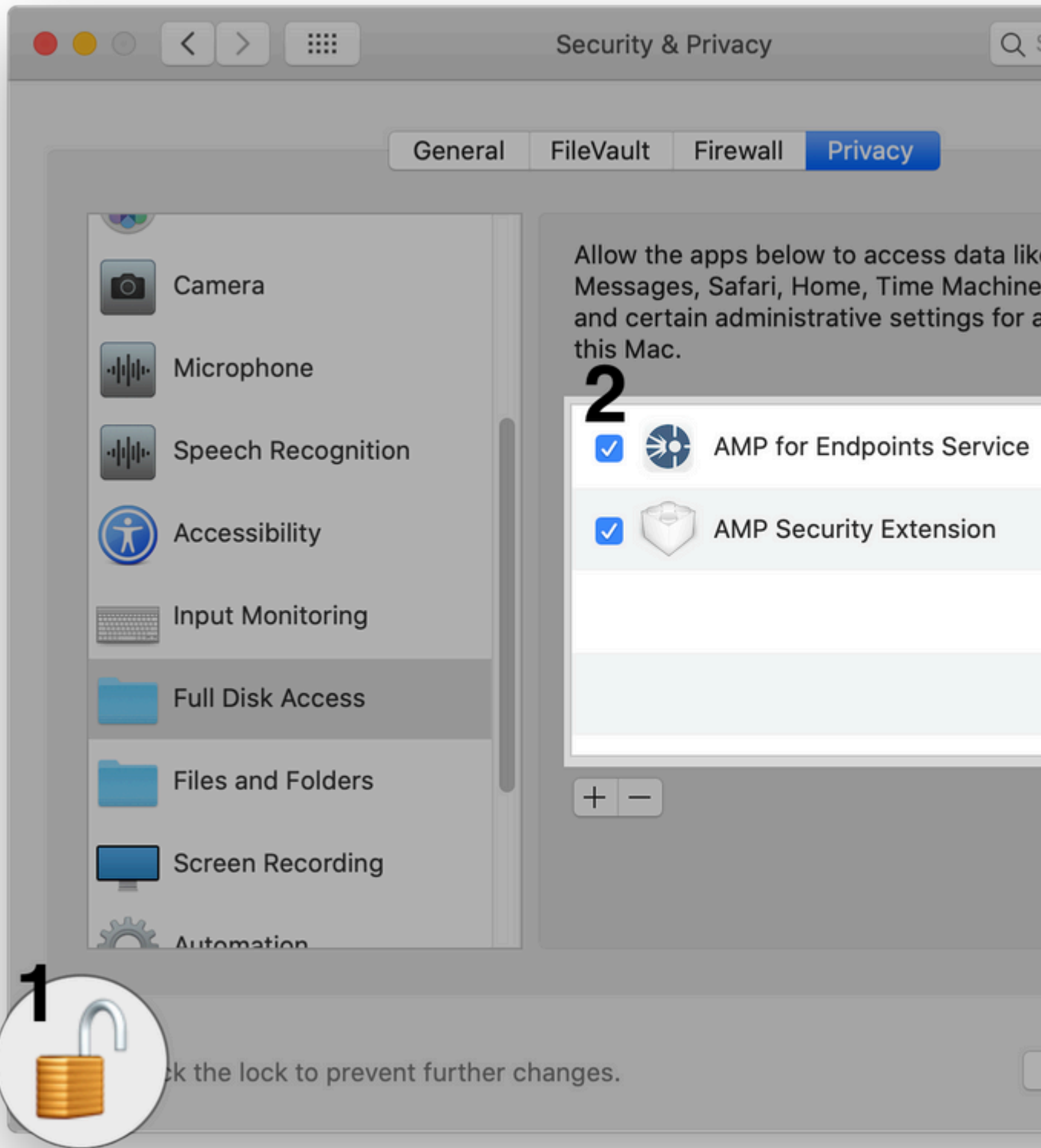
- "ë³í·^ í—"ëœíœ-îœ, íš, í„œë¹,îšœ"
- "ë³í·^ í—"ëœíœ-îœ, íš, íœišœí...œ ë"ë^í„œ"
- í·±...í—œíœ íœë¹, íœ'íœ' íœœíœ„±íœ"ëœœ ê²½îš° "Cisco Orbital"(Advantage ëœ Premier
 ê³,îšµ—œíœ, í,îš© ê°€ëšŸ)

ampdaemon í" „ë;æê· ,ëž"ì€ ë" ìîf Mac ì»æ„¥í„° ë²„ì „ 1.14 ìîfîî~ ì„ì² ë""îšáí- ì•ì„,ìšæ°€ í„,ìš"í•îš€ ì•šìšµë<^ë<α.

ì„ì² ë""îšáí- ì•ì„,ìšæ ìš'ìîîîî€ ì-”ë“œí-îîîšîîî~ macOS Security & Privacy Preferencesì-î„œ ë~ëš” [MDM\(Mobile Device Management\) í”„ë;œí•„ì](#)„ í†µí’ ë¶€ì-í• ì~ ìž^ìšµë<^ë<α.

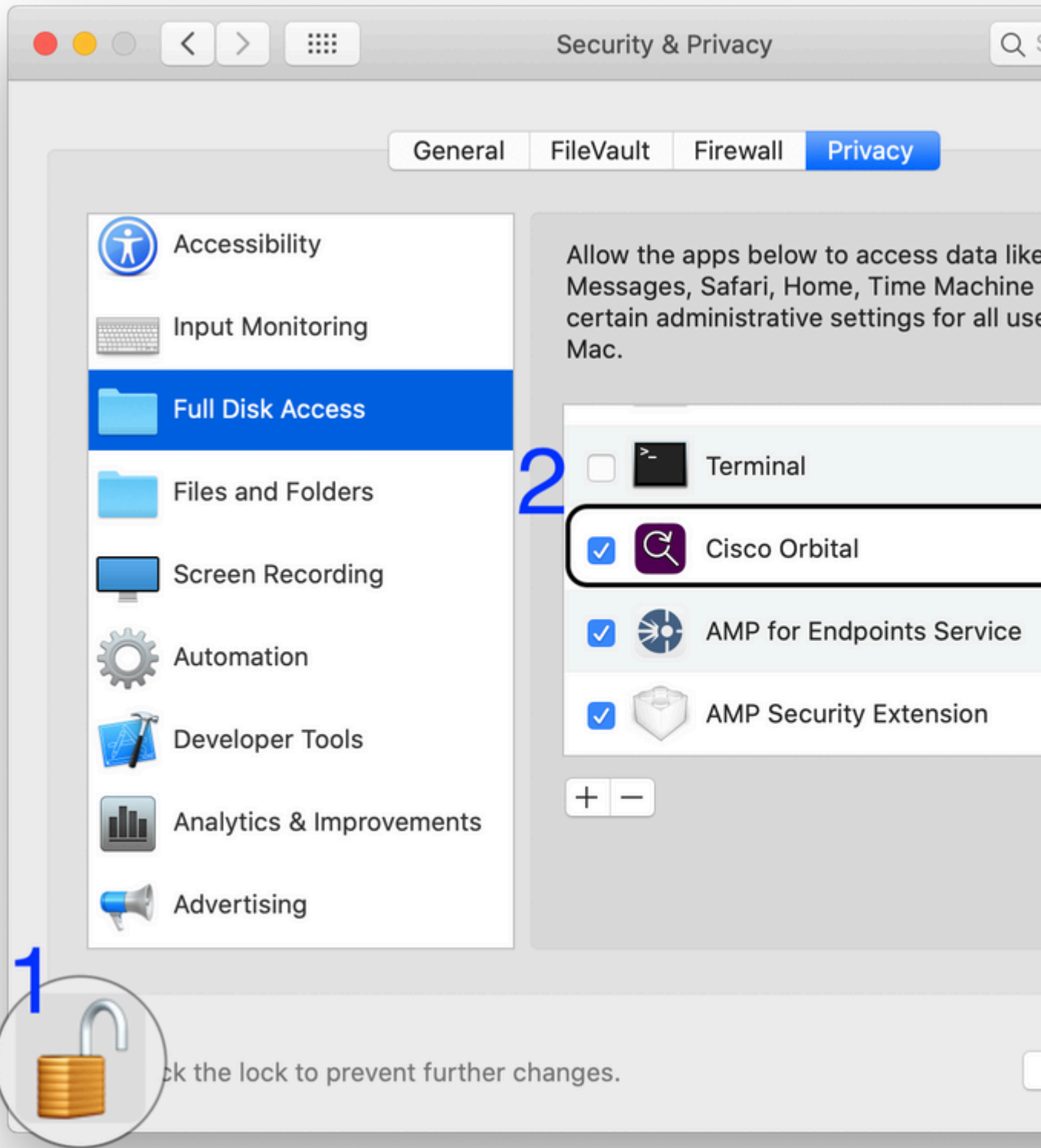
ì-”ë“œí-îîîšîîî-î„œ 1.18.0 ìîîî~ ì»æ„¥í„° ë²„ì „ì-ëœ€í•œ ì„ì² ë""îšáí- ì•ì„,ìšæ ìš'ìîîîî,

ì„ì² ë""îšáí- ì•ì„,ìšæš” macOS Security & Privacy Preferences ì°½ì-î„œ ì~ë™ìœ¼ë;œ ìš'ìîîîî• ì~ ìž^ìšµë<^ë<α.



1. To allow AMP for Endpoints Service and AMP Security Extension to access data like Messages, Safari, Home, Time Machine, and certain administrative settings for this Mac, you need to unlock the lock to prevent further changes.

2. In the Privacy tab, check the boxes next to AMP for Endpoints Service and AMP Security Extension.



How to allow Cisco Secure Endpoint Connector 1.18.0

to access data like Messages, Safari, Home, Time Machine, and certain administrative settings for all users on your Mac.

How to allow Cisco Secure Endpoint Connector 1.18.0 to access data like Messages, Safari, Home, Time Machine, and certain administrative settings for all users on your Mac.

Service) i™ Secure Endpoint System Monitor(1.18.0 i i „ i »ä„ ¥í„ ° ë²„ i „ iš AMP Security Extension) i-ê°ê° í•ë,~i© iž^išµë^ëα.

i„ä...	i† i„±	ê°€i~
ë³î^ i—“œí i—iŠ, i„œë¹„iŠ(AMP for Endpoints Service)	í—iš©ë”	i°
	i½”ë“œ iš”êµ i, -í•	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)
	i<ë³„iž	com.cisco.endpoint.svc
	i<ë³„iž iœ í•	ë²”ë“œ ID
Secure Endpoint System Monitor(AMP ë³î^ i™•iž¥)	í—iš©ë”	i°
	i½”ë“œ iš”êµ i, -í•	anchor apple generic and identifier "com.cisco.endpoint.svc.securityextension" 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)
	i<ë³„iž	com.cisco.endpoint.svc.securityextension
	i<ë³„iž iœ í•	ë²”ë“œ ID

êµi i— i »ä„ ¥í„ ° ë²„ i „ 1.12.7 i i f i i i „ i~ëœ i »í“í„ °ê°€ í i—ë i— iž^ëš” ê²½iš° í•ë¹ i »í“í„ °i— ë€í• ampdamon i— i „i²” ë”iŠí i— i„i„iŠ äê€í•œi„ ê€í—i—i~ë ë© i i”ê°€ í•ëœi i „iŠ”i•©ë^ëα.

i„ä...	i† i„±	ê°€i~
i°í„ „ë°ë-	í—iš©ë”	i°
	i½”ë“œ iš”êµ i, -í•	i<ë³„iž ampdamon ë i µi»œ apple i¼ë” ë i„œ 1[field.1.2.840.113635.100.6.2.6] /* iž^ižœ */ ë i„œ leaf[field.1.2.840.113635.100.6.1.13] /* iž^ižœ */ ë i„œ leaf[subject.OU] = TDNYQP7VRK
	i<ë³„iž	/opt/cisco/amp/ampdaemon
	i<ë³„iž iœ í•	ë²½ëjœ

MDMi „ íµí•œ Cisco Orbitali i „i²” ë”iŠí i— i„i„iŠ iŠ¹i„

ë°í i— Cisco Secure Endpoint Mac i »ä„ ¥í„ ° ë²„ i „ 1.16.0 i i f i i i i—i—ëœ i »í“í„ °, i ±...i— i„œ Orbitali i™œi„±i™”ëœ ê²½iš° í•ë¹ i »í“í„ °i— ë€í• Orbitali— i „i²” ë”iŠí i— i„i„iŠ äê€í•œi„ ê€í—i—i~ë ë© i i”ê°€ í•ëœi i „iŠ”i•©ë^ëα.

ì,,æª...	ì† ◊ ì,,±	ê°€ì¹
Cisco Orbital	í—^îš©ë◊ "	ì° ,
	ì½”ë“œ îš”êµ ì, -í•	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)
	ì◊◊ë³,,ìž◊	com.cisco.endpoint.orbital.app
	ì◊◊ë³,,ìž◊ ìœ í•	è²^ë“œ ID

ìf~í'CE MDM ì»í'¼ê, ë ì◊ ì...~ í' ,,ë;œí•,,

ì◊' ìf~í'CE MDM ì»í'¼ê, ë ì◊ ì...~ í' ,,ë;œí•,,ì◊€ ì°;j°ë;œ ì,-îš©í• ì~ ìž^îšµè^è◊.

- è³í^ ì—”ë“œí◊-ì◊, íš, Mac ì»æ,,¥í,,°ì—◊ èCEí•œ ìœîšµí...œ í™•ìž¥ ìš¹◊,
- Secure Endpoint Mac ì»æ,,¥í,,° è◊◊ Orbitalì—◊ èCEí•œ ì,,ì²' è™™îšµí◊-ì◊;ì,,ìšµè¥¼ í—^îš©í•©è^è◊.
- ì»æ,,¥í,,°è¥¼ ì œê±°í• è•CE ìœîšµí...œ í™•ìž¥ì◊,, ìž◊è◊™ìœ¼ë;œ ì œê±°í• ì~ ìž^îšµè^è◊. ì°è³ : RemovableSystemExtensions ê¶(í•œì◊' í—^îš©ë◊~è©' è£”íš, ê¶(í•œì◊,, ê°€ìš,, èª”è” ì,-îš©ìž◊ è~èš” í' ,,ë;œì,,ìšµì—◊ì,,œèš” ì,-îš©ìž◊ ì”í~ , í' ,,ë;-í' ,,íš, ì—tì◊' ìœîšµí...œ í™•ìž¥ì◊,, ì œê±°í• ì~ ìž^îšµè^è◊. è”è◊¼ì,,œ RemovableSystemExtensions ì†◊ì,,±ì◊€ ê´€èì-ìž◊è°€ ì»æ,,¥í,,° ì œê±°è¥¼ ìž◊è◊™í™í•~è æèš” è²½îš°ì—◊èšCE ì,-îš©í•í•¼ í•©è^è◊.

<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 ampdaemon 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

macOS 10.15 i» î „ ë² „î „îš© îf~ í“Œ MDM î» “ í”¼ê•ë `î î...~

- î»æë, î™•îžŸ îš¹î, ë° î»æë„Ÿí„°î— ëŒŒí•œ î „î²’ ë””îšæí î•î„îšæ êŒŒí•œ ëŒŒí—
 - î°_ê³ : M1 î îf Apple î œí î€ î’ êµ-î„±î í í•“ ë œ í „ëjœí„î „ î,-îš©í• î~ î—îšµë^ë«

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.sypolicy.kernel-extension-policy

PayloadUUID

A872B6D5-D67C-41FE-BE64-3DD674C43C4F

PayloadVersion

1

if^ ë'''ë %oí,, °ë|¬ êµì;°

ë²,ì ,, 1.14.0~1.16.2

Mac connector 1.14i—❖ì,,œëš" ë'''ë %oíť ë|¬ êµ¬ì;°ì—❖ ë'❖ ê°ëìš€ ë³ëê²½ ì,¬í•❖' ì ❖ìš©ë❖❖©ëĉ^ëċα.

1. Applications ë'''ë %oíť ë|¬ì❖~ ì❖'ë|,,ì❖' Cisco AMPì—❖ì,,œ Cisco AMP for Endpointsë;æ ë³ëê²½ë❖~ì¬îšµëĉ^ëċα.
2. ëª...ë ĩα,, ìœ íċ,ë|¬íċ° ampcliê°€/opt/cisco/ampì—❖ì,,œ/Applications/Cisco AMP for Endpoints/AMP for Endpoints Connector.app/Contents/MacOSë;æ ì❖'ë❖™í¬îšµëĉ^ëċα. ë'''ë %oíť ë|¬/opt/cisco/ampëš" if^ ìœ,,ì¹ì—❖ ìž^ëš" ampcli í" „ë;æê·,ëž"ì—❖ ëĉëí•œ symlinkë¼ í❖¬í•©ëĉ^ëċα.

Mac ì»αë,,Ÿí,, °ë²,ì ,, 1.14.0~1.16.2ì❖~ ì,,ì²' ë'''ë %oí,, °ë|¬ êµ¬ì;°ëš" ëċαì❖ĉë³¼ ê°™ìšµëĉ^ëċα.

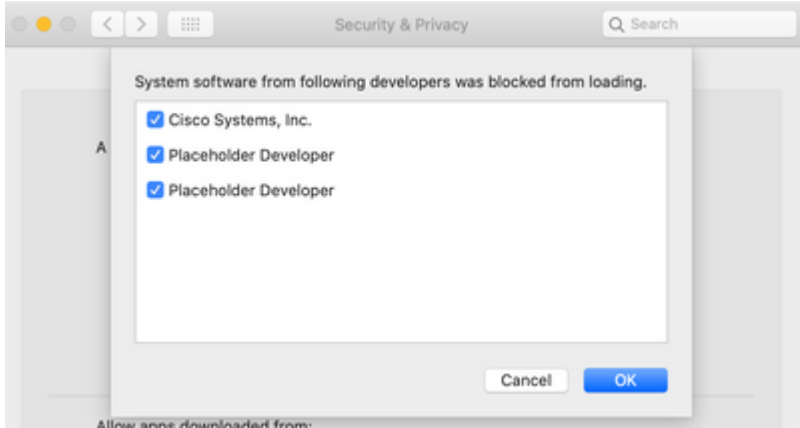
```

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"€ ampcli
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

```


Mac Connector 1.14.0

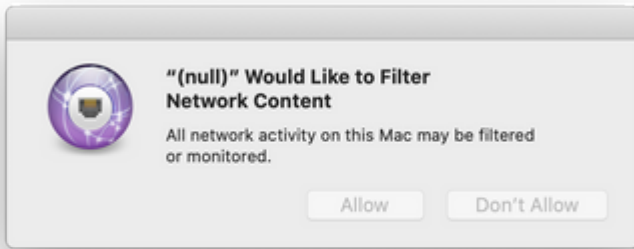
- Mac OS 10.14.0... Cisco Secure Endpoint Mac Connector Faults
 - Fault 13, Too many Network Content Filter system extensions (Network Content Filter...)
 - macOS 11.0.0... macOS System Preferences Security & Privacy
- Placeholder Developer... macOS 10.15



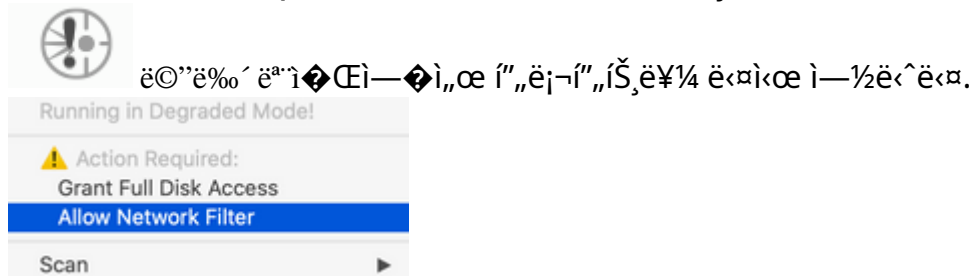
- systemextensionsctl listcommand... macOS 10.15
- Network Extension... com.cisco.endpoint.svc.networkextension
- Security Extension... com.cisco.endpoint.svc.securityextension

Placeholder Developer... macOS 10.15

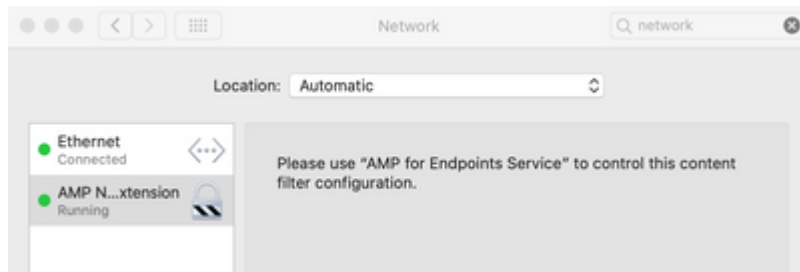
"i" would like to filter network content. All network activity on this Mac may be filtered or monitored.



- "i" would like to filter network content. All network activity on this Mac may be filtered or monitored.



- i would like to filter network content. All network activity on this Mac may be filtered or monitored.



- macOS 11 would like to filter network content. All network activity on this Mac may be filtered or monitored.

i would like to filter network content. All network activity on this Mac may be filtered or monitored.

- macOS 12 would like to filter network content. All network activity on this Mac may be filtered or monitored.

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