Number:	CSB-211102-1
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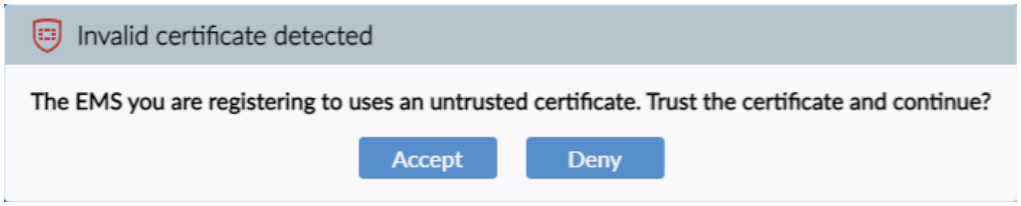
Modified:	
Subject:	FortiClient EMS and FortiClient Upgrade Process with Security Features
Product:	FortiClient EMS, FortiClient

Description:

FortiClient EMS 7.0.2 has added security updates concerning the use of certificates used between itself and FortiClient 7.0.2 endpoints. When a FortiClient 7.0.2 installer is created in FortiClient EMS 7.0.2, the default option for "**Invalid Certificate Action**" is set to "**Warn**" in the Deployment Package settings. A FortiClient EMS administrator may change this to "**Allow**" in Deployment Package settings, while creating the FortiClient 7.0.2 installer. On FortiClient EMS, a new option is provided to force endpoints to use an SSL certificate for the endpoint control protocol between FortiClient and FortiClient EMS. This option on FortiClient EMS is under System Settings > EMS Settings > "**Use SSL certificate for Endpoint Control**" and is disabled by default.

When FortiClient EMS deploys the installer with the "**Invalid Certificate Action**" is set to "**Warn**" to an endpoint and is installed, the new version of FortiClient 7.0.2 issues an invalid certificate warning upon trying to connect to FortiClient EMS.



There are two scenarios that the user may encounter:

(1) Manual Selection. If the user chooses "**Deny**", FortiClient does not attempt to connect to FortiClient EMS, the endpoint will fail to be managed for FortiClient EMS, and the endpoint will lose all FortiClient features. If the user chooses "**Accept**", FortiClient silently connects to FortiClient EMS regardless of the untrusted certificate.

(2) Automatic Update. When a FortiClient 7.0.0 or 7.0.1 installer is created and deployed to an endpoint with the "**Auto Update**" option enabled, FortiClient EMS automatically creates and deploys a FortiClient 7.0.2 installer with the same options as above and may encounter the invalid certificate warning.

Potentially Affected Products:

FortiClient EMS

FortiClient

Potentially Affected OS:

FortiClient EMS 7.0.2

FortiClient 7.0.2

Resolution:

Please read the 7.0.2 documentation prior to upgrading FortiClient EMS and FortiClient.

Recommended upgrade path – https://docs.fortinet.com/document/forticlient/7.0.2/administration-guide/949720/recommended-upgrade-path

Endpoint Security Improvements – https://docs.fortinet.com/document/forticlient/7.0.2/administration-guide/48156/endpoint-security-improvement

Backward compatibility mode – https://docs.fortinet.com/document/forticlient/7.0.2/administration-guide/520498/backward-compatibility-mode

Technical Support Contact Information: http://www.fortinet.com/support/contact_support.html
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