AnyConnect Identity Extensions (ACIDex) for Non-Mobile Platforms

Contents

Introduction

This document describes the Cisco AnyConnect Identity Extensions (ACIDex) feature and its introduction for non-mobile platforms.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

The information in this document is based on these software and hardware versions:

- Cisco Adaptive Security Appliance (ASA) 5500-X Series Next Generation Firewall Version 9.2(1)
- Cisco Adaptive Security Device Manager (ASDM) Version 7.3(1)
- Cisco AnyConnect Secure Mobility Client Version 3.1.05152

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Background Information

The ACIDex, also known as the AnyConnect Endpoint Attributes or Mobile Posture, is the method that is used by the Cisco AnyConnect VPN client in order to communicate posture information to the ASA. The Dynamic Access Polices use these endpoint attributes in order to authorize users.

This table describes the ACIDex attributes, where **Cisco AnyConnect** is the attribute *type* (does not require Cisco Secure Desktop or Host Scan) and the **endpoint** is the attribute *source*:

Attribute Name	Value	Maximum String Length	Description

endpoint.anyconnect.clientversion	version	—	AnyConnect clie... version
endpoint.anyconnect.platform	string	—	Operating Syste... (OS) on which AnyConnect clie... installed
endpoint.anyconnect.platformversion	version	64	Version of OS o... which AnyConne... client is installed
endpoint.anyconnect.devicetype	string	64	Mobile device ty... which AnyConne... client is installed
endpoint.anyconnect.deviceuniqueid		64	Unique ID of mo... device on which AnyConnect clie... installed
endpoint.anyconnect.macaddress	string	Must be in the format **xx-xx-xx-xx-xx -xx**, where **x** is a valid hexadecimal character	Media Access C... (MAC) address device on which AnyConnect clie... installed

ACIDex Feature for Non-Mobile Platforms

The Cisco AnyConnect VPN client now provides platform identification for the desktop OSs (such as Microsoft Windows, Macintosh OS X, and Linux) and a pool of MAC addresses that can be used by the Dynamic Access Policies (DAPs):
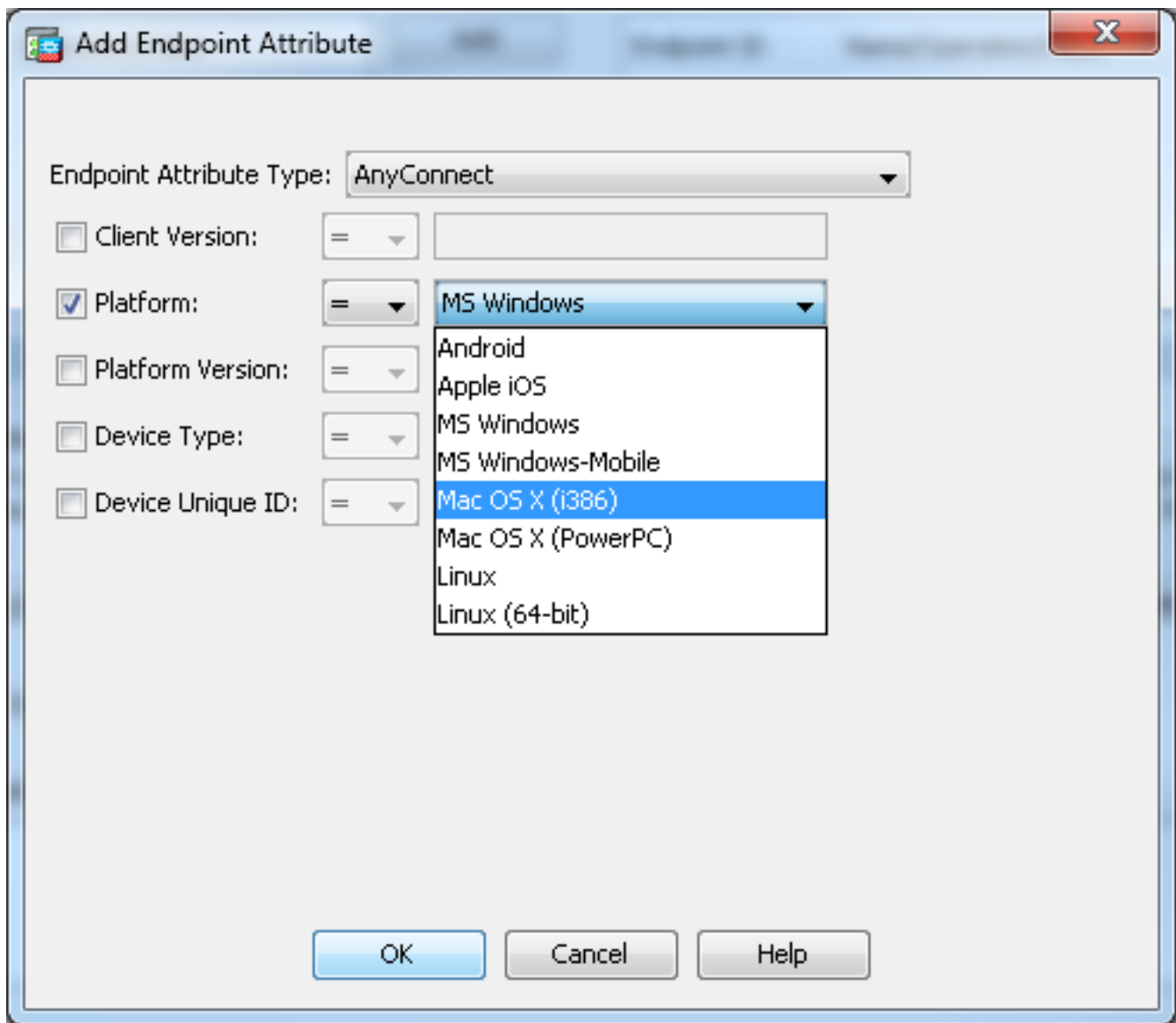
Note: The ASA must run Version 9.0 or later in order for this feature to work correctly, and the **3.x pkg** or later must be loaded on the ASA for the non-mobile platform clients that run Version 3.1.05152 or later in order to report the ACIDex attributes.

The MAC address list is included with this feature, as well as the **<device-id>** element, which uses these three attributes:

- platform-version
- device-type
- unique-id

Note: Aggregate Authentication Version 2 now supports the new elements for the **<device-is>** tag.