

AleFIT MAB Keeper



802.1x Productivity tools can make your life easier!

Product description

The AleFIT MAB Keeper makes it possible to manage a number of settings of the Cisco ISE authentication system without direct access to its configuration interface. The application offers a simple and intuitive user interface and, by means of several modules, covers a variety of use cases thanks to which it is possible to solve problems which can typically occur after the 802.1x implementation due to missing or incompatible IT processes.

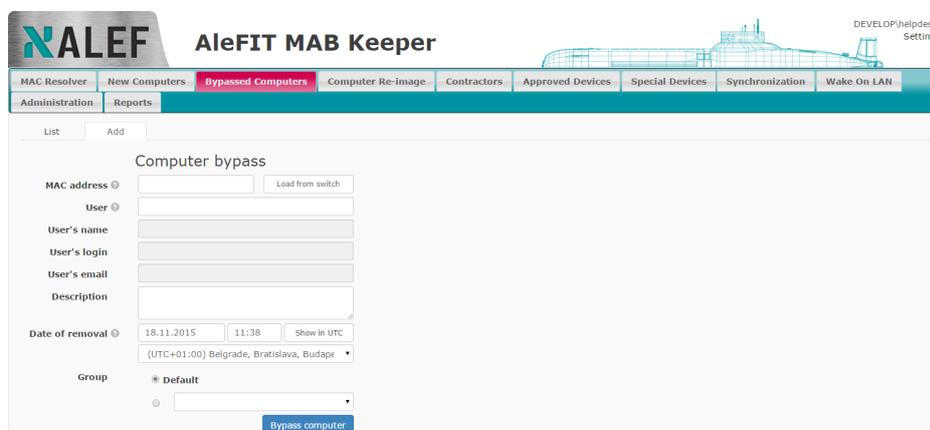
The application serves for the management of MAC addresses that are used in the system for authentication and not compatible with the 802.1x standard (printers, IP etc.) or for MAC address management for which a MAC address is used for authentication. This typically concerns consultant devices that for a certain time require access to the company network or employee BYOD. For such devices, an exception is created for access to the network thanks to the addition to the authentication system. For each exception, a variety of information is recorded that mitigates potential troubleshooting and decision-making regarding prolongation. There is also a possibility to block access to certain devices that could present a threat to the network.

A time limited exception can be made so that after the elapsing of a set time period, deletion from the application and authentication system is carried out automatically, without administrator intervention. There is a digital log of each operation the application performs automatically and of each instance of user activity through the application interface. It is possible to control access to the application on the basis of user-defined roles by means of membership in groups of the Active Directory.

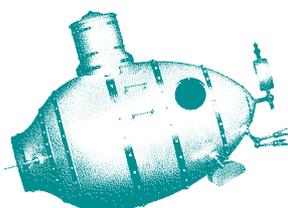
Main advantages of application implementation:

- the option for setting exceptions for time-limited access to the network and allowing automatic application deletion
- limiting access to the application based on user-defined roles
- customization of the application and user interface for specific customer needs
- auditing of all application operations that can simplify troubleshooting and security auditing

Detail



The application is integrated with the **AleFIT Office Locator** application.



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AleFIT Office Locator



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Product description

The AleFIT Office Locator application is a help desk portal that monitors and analyzes 802.1x authentication and provides authorized users with information from various sources needed for determining the causes of problems with authentication and resolving incidents in a simple web interface.

The application registers individual authentication sessions and presents their statuses along with additional information from the Cisco ISE system, the Active Directory and the network switches. Operator thus has the option, for example, to oversee user accounts in the Active Directory and the configuration port on switches without having to access these systems directly. The availability of the various functionalities is managed through user membership in the groups of the Active Directory.

Part of the application is the interface for the management of switches on whose ports the monitoring of events is just being carried out. The application provides the opportunity to cut the costs of authentication system administration and moreover to shorten the time for which a user experiencing authentication problems is unable to connect to the network and get to work.

Main advantages of application implementation:

- screening of users from the configuration interface of the Cisco ISE system, network switches and the Active Directory
- availability of information from various sources required for troubleshooting and problem-solving
- saving of information in the database also after the deletion from the Cisco ISE system
- option for customization of the application as well as the user interface according to specific customer needs

Detail

MAC	Username	Port	Switch Name	User Account Info	Switch Port Statistics	Session Info	Port Config	Created Date	State	Method	Verified			
3B:14:F4:DE:22:25	00-10-C6-CE-64-AB	FastEthernet0/3	cz-dev-sw002	detail	detail	detail	detail	12.07.2015 12:50	AuthC timeout	Dot1x	12.07.2015 12:51	Reauth	Disconnect	MAB Keeper
F3:1A:7D:4B:80:CE	User802	FastEthernet0/3	cz-dev-sw001	detail	detail	detail	detail	09.07.2015 11:37	AuthZ success	Dot1x	09.07.2015 11:38	Reauth	Disconnect	MAB Keeper
B7:15:98:52:2B:07	User802	FastEthernet0/3	cz-dev-sw002	detail	detail	detail	detail	05.07.2015 06:56	AuthZ failed (AuthZ failed)	Mab	05.07.2015 06:57	Reauth	Disconnect	MAB Keeper
17:19:DF:8F:5B:7B	00-10-C6-CE-64-AB	GigabitEthernet0/5	cz-dev-sw001	detail	detail	detail	detail	04.07.2015 00:37	Running	Mab	04.07.2015 00:37	Reauth	Disconnect	MAB Keeper

The application is integrated with the **AleFIT MAB Keeper** application.

