

Miradore connector for Blancco Management Console

Version information

Connector version: 1.2.0
 Released in Miradore version: 4.4.0
 Estimated release date: 10.10.2016

Description

Connector for importing data erasure reports from Blancco Management Console (BMC) to Miradore.

Supported target systems

Blancco Management Console 2.x - 3.7.2

Software prerequisites

Windows XP or newer
 .NET Framework 2.0 or later

Connector host computer

May be installed on any computer which can connect to both Miradore server and Blancco Management Console

Configuration changes made by the connector

Changes made by the installer:

Files

Creates a program folder (user configurable) and adds files

C:\Program Files (x86)\Miradore\Connectors\<MiradoreInstance>\Blancco

Creates a log folder (user configurable)

C:\Program Files (x86)\Miradore\Connectors\<MiradoreInstance>\Logs\Blancco

Registry

Common key for all connectors

HKLM\Software\Miradore\Server

Connector specific key

HKLM\Software\Miradore\Server\Connectors\Blancco

Scheduled tasks

Adds a scheduled task to run the connector (user configurable)

Changes made by the program itself

Files

Creates a log file into the log directory

Registry

Creates value(s) under the connector specific registry key

Configuration

Common configuration

Miradore server, instance, port and SSL information is entered when installing the connector.

These values are saved in the registry under the common key for connectors.

Connector specific configuration

Connector specific configuration is done in the Miradore UI

Administration > System settings > Connectors > Blancco Management Console > host computer

Following values can be configured:

Url: Blancco Management Console's url (eg. http://localhost:8080 when installed on BMC)

Use proxy: Connect through proxy server (Yes/No)

Proxy url: Proxy server's url

Proxy user: User name to be used to authenticate with the proxy server.

Proxy password: Password to be used to authenticate with the proxy server.

Username: Blancco management Console's username which has required rights to export reports. Notice that starting from Blancco Management Console 3.5.0, users are required to accept EULA before they can export anything from Blancco Management Console.

Therefore, make sure to login to Blancco Management Console and accept EULA with the user account before using it with

Miradore connector for Blancco. If this hasn't been done, the connector fails with "unauthorized access" message.

Password: Password for the user above

Last import date: Timestamp of the last run (can be cleared if all reports should be re-imported)

Network connections

- Between connector and Miradore server
 - HTTP(S) connection (port depends on Miradore server configuration, default is 80/443).
- Between connector and BMC server
 - HTTP(S) connection (ports 8080/8443).

Authentication

- Between connector and Miradore server
 - Standard Miradore connector authentication (must be authorized from the Miradore UI).
- Between connector and BMC server
 - Username and password entered in the connector settings in Miradore UI.
 - Notice that starting from Blancco Management Console 3.5.0, users are required to accept EULA before they can export anything from Blancco Management Console. Therefore, make sure to login to Blancco Management Console and accept EULA with the user account before using it with Miradore connector for Blancco. If this hasn't been done, the connector fails with "unauthorized access" message.
 - User should have enough rights in BMC to export reports.

Scheduling

- Method
 - By default scheduled as a Windows scheduled task.
- Interval
 - By default once a day.

Principle of operation

- Connect Miradore server and checks if it is authorized to run
 - Terminate if not authorized
 - Send start event to Miradore server if allowed to run
- Connect Miradore server and reads connector configuration
- Connect Blancco Management Console and exports erasures made after the last run
- Convert report data to Miradore internal format
- Send data to Miradore
- Save current timestamp to connector's settings in Miradore server
- Send stop event to Miradore server

Data transferred to Miradore

- All erasure reports since the last run.
- Fields in the report are:
 - Erasure:
 - report id, asset serial number, asset MAC address, erasure end time, duration, overwrites, pattern, verify, software version
 - Erased media:
 - model, serial number, size, block size, status

Data transferred from Miradore to the target system

None.

Debugging

- Set a registry value FileLogSeverity to Debug or Verbose in HKLM\Software\Miradore\Server\Connectors\Blancco and check the log file.
- These command line switches can be used when debugging the connector.
 - /readall Reads all erasure reports regardless of the last run timestamp
 - /savetofile Saves BMC request and response and output send to Miradore into files
 - request Blancco-Export-Request.xml
 - response Blancco-Export-Response.xml
 - output output.xml
 - /readfromfile Reads export request from file (Blancco-Export-Request.xml) instead of generating it
 - /in <filename> Read data to be imported from file instead of exporting it from the BMC server
 - /noserver Connects only BMC and does not interact with Miradore server

If you use this, you must also provide following switches:

/url

/username

/password

/proxyurl (Optional)

/proxyusername (Optional)

/proxypassword (Optional)

/lastimportdate (Optional)

Version history

Miradore 4.4.0 / Connector 1.2.0

The previous connector versions didn't work with Blancco Management Console 3.6.0 or newer anymore, because the connector used an outdated method of filtering data queries. The connector version 1.2.0 supports BMC versions up to 3.7.2.

Miradore 4.2.1 / Connector 1.1.0

Added support for Blancco Management Console 2.x and 3.x versions. Also added some explanatory error messages for unauthorized user access responses from Blancco.

Miradore 3.2.0 / Connector 1.0.0

Initial release