



ECOS SystemManagementAppliance

USB Redirection for Citrix Access Destinations

Admin Tutorial

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Cybersecurity 
Made in Germany

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Introduction

This tutorial guides administrators of ECOS appliances step by step through the configuration of USB redirection for Citrix access destinations on the ECOS **SystemManagementAppliance** (SMA) for the ECOS **SecureBootStick**® (SBS).

Please read section **i Preparations: Check connected USB devices** carefully before you start and keep these instructions for future reference.

Preparations: Check connected USB devices

Start by identifying the USB devices connected to the Secure Boot Stick (SBS).

Open the SBS object on the SMA.

Info

Select info: Click on **USB devices**.

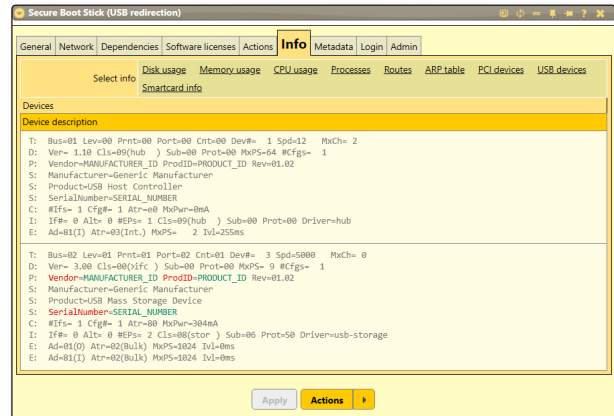
Devices: Check the device description for the following information:

Vendor: Manufacturer ID.

Prod-ID: Product ID.

SerialNumber: Serial number.

You will need this information to configure the allowed USB devices.



Set up USB redirection

1 ♦ Set up a USB storage device for SBS

In the SBS container, create an object of type **Storage: USB** (you'll find it in the context menu in the category **Peripherals**).

Based on the manufacturer ID, product ID, and serial number, you can restrict which USB storage devices the SBS end users are allowed to use.

General

Name: Assign a meaningful name.

Start: Select the checkbox.

Manufacturer ID: Enter the **manufacturer ID** if you want to allow only storage media from a specific manufacturer.

Manufacturer required: If you select the checkbox, the storage medium will be redirected only if the manufacturer ID matches.

Product ID: Enter the **product ID** if you want to allow only a specific product line.

Product required: If you select the checkbox, the storage medium will be redirected only if the product ID matches.

Serial number: Enter the **serial number** if you want to allow only storage media with a specific serial number.

Serial number required: If you select the checkbox, the storage medium will be redirected only if the serial number matches.

Write access: Select the checkbox to allow end users to perform write operations on the USB storage device. If the checkbox remains unchecked, users have read-only access.

Deny access: Select the checkbox to deny access to USB storage devices.

Forward as RAW USB device: If you select the checkbox, the storage device will not be treated as a network drive but will be forwarded via USB redirection (see **Direct USB redirection**).

Apply the settings.

2 ♦ Configure the Citrix web interface

If there is an object of type **Storage: USB** in the SBS container, the associated storage medium is automatically forwarded to the Citrix session and made available to end users as a network drive.

Open the **Destination: Citrix Web Interface**.

Extensions

Drive letter: Specify a drive letter to be displayed for storage media in the Citrix session.

i Starting with version **V7.58.0+vsnf**, Citrix automatically assigns the drive letter. Your selection will be overwritten.

Apply the settings.

♦ Direct USB redirection

USB devices can be forwarded directly into the Citrix session. They are treated as if they were connected directly to the respective server.

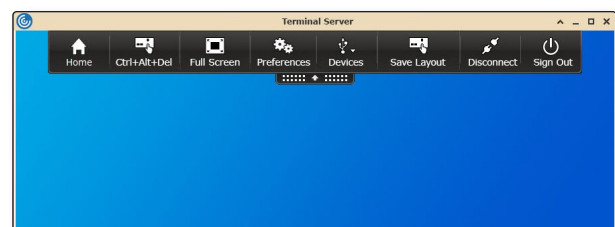
Extensions

Enable USB redirection: Selecting the checkbox allows USB devices to be forwarded directly into the Citrix session.

Apply the settings.

i Please note that direct USB redirection is slower than automatic USB device forwarding. You should only use this option if conventional USB forwarding is not possible.

Starting with version **V7.58.0+vsnf**, USB devices must also be enabled in the Citrix session via the Desktop Viewer menu bar.



◆ Special USB devices

Additional configuration settings are available for specific USB devices. End users must connect these devices before starting their Citrix sessions to ensure their availability during the session.

■ Extensions

Philips microphone support: Select the checkbox to allow the use of Philips USB microphones.

Forward signotec signature pads: Select the checkbox to allow the use of signotec USB signature pads.

Grundig dictation device support: Select the checkbox to allow the use of Grundig USB dictation devices.

Apply the settings.

◆ Disable client drives

The use of USB storage devices can be completely disabled within a Citrix session.

■ Extensions

No client drives: If you select the checkbox, USB storage devices **will not** be forwarded into the Citrix session.

Apply the settings.