INNES

Play an UDP stream with VLC

Application note

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The aim of this document is to explain how to play an UDP stream with VLC software.
The DME204 streamer is used as source for the test.

Test configuration
      DME204 streamer: Gekkota OS 4.10.14 (Playzilla 4.10.20)
      VLC version: 2.2.6 Umbrella

Source: DME204 (UDP streaming)
Install a DME204 streamer as a UDP streaming source
- Publish a content on the DME204 device
- Disable the Test Card
- Check that the device is on time. If not on time, adjust the device Time & Date
- Set the **Output > output mode**: ETHERNET and set the appropriate **IP address** and **port** for the UDP streaming. It is possible to stream either in **multicast** mode (several devices can play the UDP stream), or in **unicast** mode (only one device can play the UDP stream)

> - **Multicast** example:
>   - 224.1.2.3:1234
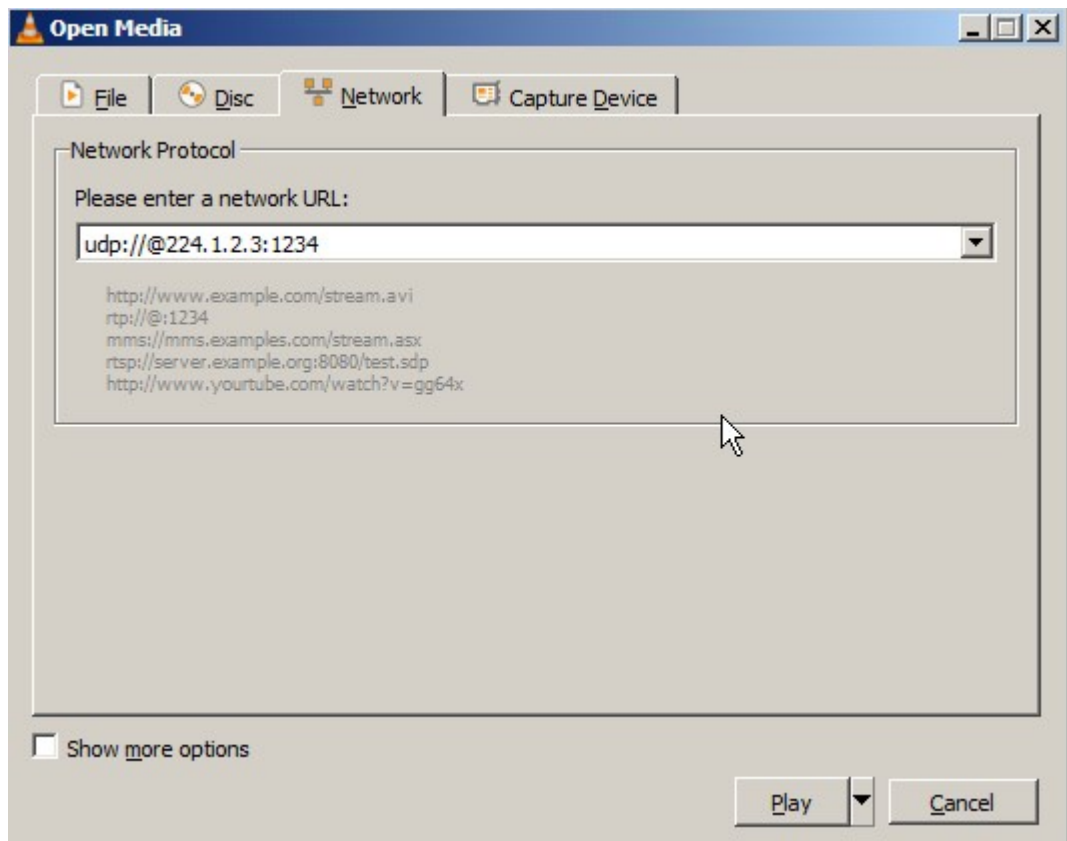>   - 224.1.2.5:1234
>   - 224.1.2.6:1236
>   - …
>   *For more information about all the other possible multicast addresses supported on your local network, contact your informatics system department*
> - **Unicast** example
>   - <PC_ip_addr>:1234

Destination: Computer with VLC
To play the DME204 UDP stream with VLC, open VLC, and in network tab, enter the URL:
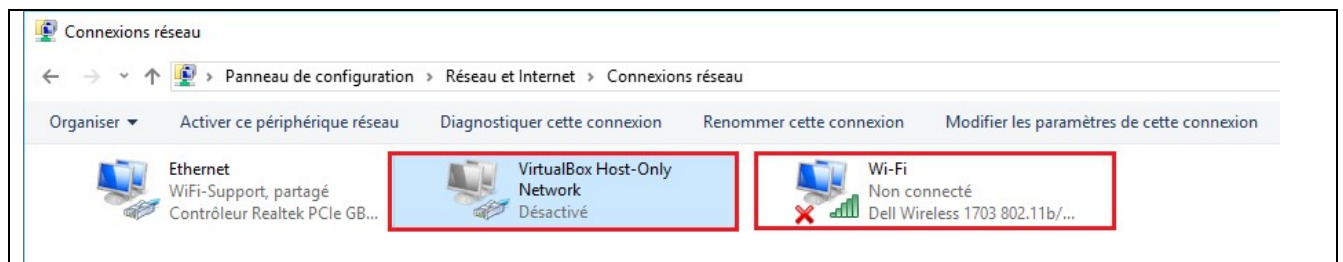
> - **Multicast** (respectively)
>   - udp://@224.1.2.3:1234
>   - udp://@224.1.2.5:1234
>   - udp://@224.1.2.6:1236
>   - …
> - **Unicast**
>   - udp://@<PC_ip_addr>:1234

And press **Play**

In case VLC is facing problem to open the stream in multicast mode, check that your computer is properly configured so that the VLC software can get the UDP stream on the right network interface.

⇨ Keep activated by example your Ethernet network interface and
⇨ Inactivate all the other network interfaces like WiFi, VirtualBox network interface, …

Appendix

To get the IP address of your PC, open a MS-DOS command line and type: **ipconfig** then note the IPV4 address of the network interface activated

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Configuration IP de Windows


Carte Ethernet Ethernet :

   Suffixe DNS propre à la connexion. . . : innes.intranet
   Adresse IPv6. . . . . . . . . . . . . .: fc00::80ed:edf4:bc55:74d4
   Adresse IPv6 temporaire . . . . . . . .: fc00::160:3061:6bcc:4cfb
   Adresse IPv6 temporaire . . . . . . . .: fc00::3421:f41a:fd41:2374
   Adresse IPv6 temporaire . . . . . . . .: fc00::3839:7690:5ee6:60f2
   Adresse IPv6 temporaire . . . . . . . .: fc00::5823:c61c:1bce:bd33
   Adresse IPv6 temporaire . . . . . . . .: fc00::78dc:c810:7e52:ac5a
   Adresse IPv6 temporaire . . . . . . . .: fc00::8d20:3d09:d6e9:80d5
   Adresse IPv6 temporaire . . . . . . . .: fc00::c9b9:e5db:9c6e:748d
   Adresse IPv6 de liaison locale. . . . .: fe80::80ed:edf4:bc55:74d4%19
   Adresse IPv4. . . . . . . . . . . . . .: 192.168.1.17
   Masque de sous-réseau. . . . . . . . . : 255.255.128.0
   Passerelle par défaut. . . . . . . . . : 192.168.0.1

Carte réseau sans fil Wi-Fi :

   Statut du média. . . . . . . . . . . . : Média déconnecté
   Suffixe DNS propre à la connexion. . . :

Carte réseau sans fil Connexion au réseau local* 4 :

   Statut du média. . . . . . . . . . . . : Média déconnecté
   Suffixe DNS propre à la connexion. . . :

Carte réseau sans fil Connexion au réseau local* 5 :

   Statut du média. . . . . . . . . . . . : Média déconnecté
   Suffixe DNS propre à la connexion. . . :
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