Dante AES67 Mode and Multicast Configuration

For Audinate Dante Controller and Dante AoIP systems

Enabling AES67 Mode in Dante Controller

Q: How do I enable AES67 Mode on my Dante device?

To configure AES67 on your Dante unit, follow these steps:

1. Open **Dante Controller** and ensure your unit is detected.

2. Navigate to **Device View** by double-clicking on the product name in the Device List.

3. Go to the **AES67 Config** tab (available on Dante-enabled devices with AES67 support).

4. Enable AES67 Mode by selecting the checkbox and applying the changes.

   - **Note:** The device may require a reboot for the setting to take effect.

5. Once AES67 is enabled, the device will allow for multicast stream configuration.

Configuring AES67 Multicast Streams

Q: How do I configure AES67 multicast streams in Dante Controller?

AES67 operates using **SAP** (Session Announcement Protocol), which is configured differently from native Dante multicast. Here's how to set up an AES67 multicast stream:

1. In **Dante Controller**, navigate to the **Transmit Flows** tab.

2. Create a new **multicast flow** and select the AES67 format.

3. Dante Controller will automatically assign an appropriate multicast IP address and port (within the **239.x.x.x** range).

4. Note these details, as you may need them to configure the receiving AES67 device.

Receiving AES67 Streams on Non-Dante Devices

Q: How do I receive AES67 streams on third-party devices?

If you are using a third-party AES67-compatible device, ensure the following:

- It is on the **same network** as the Dante AES67-enabled device.

- It supports **SAP announcements** or allows manual entry of the multicast IP and port.

- The device sample rate and timing are synchronized (AES67 requires **PTPv2 clocking**).

Tip: Ensure your network switch supports **IGMP** (Internet Group Management Protocol) and that the IGMP querier is properly configured to handle multicast traffic. Multicast traffic requires proper handling of IGMP to ensure packets are efficiently delivered to the correct devices.