HIKVISION™   TECHNICAL BULLETIN

Title:	ANR Feature Introduction				
Date:	01/29/2015	Version:	1.0	Pages	1
Product:	Hikvision NVR				
Action Required:	Information only				

ANR Introduction:

User can enable the ANR (Automatic Network Replenishment) function via the web browser (Configuration -> Camera Settings -> Schedule Settings -> Advanced) to save the recording files in the IP camera with microSD when the network is disconnected, and synchronize the files back to the NVR when the network is resumed.
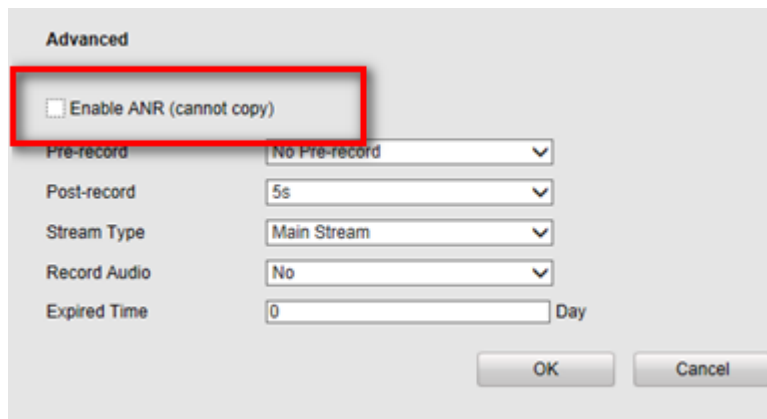
Notes: To enable ANR on NVR whose firmware version is below 3.1.2, both IP camera and NVR need to be configured recording schedule (IP camera needs to set to full-day continuous recording schedule). For NVR whose firmware is 3.1.2 or above, only NVR needs to be configured with recording schedule.

FAQ:

Q: Do you know if there is a fixed amount of bandwidth that is used during the REPLENISHMENT process?
A: No. The bandwidth will vary, depending on IP camera, NVR and network's performance. The maximum bandwidth is 10 Mb/s for each channel. Single NVR allows up to 2 channels in replenishment process simultaneously.

Q: Given: Cameras and NVR are both working. Does turning on ANR cause an additional network load? Turning on ANR would add additional bandwidth? If yes, how much?
A: No. The network load only occurs during when IP camera is transmitting record file back to NVR.