



Wesley College experiences massive bandwidth savings through CyberHound's YouTube Cache for Schools

Through CyberHound's unique YouTube Cache for Schools, Wesley College is experiencing massive bandwidth savings around the use of YouTube. As a result this is enabling them to redirect saved bandwidth to other vital educational tools and resources helping to enhance the learning opportunities available to their students.

Wesley College, a K-12 school in South Perth, has approximately 1,500 students from a broad range of metropolitan, rural and international backgrounds, including 150 boarding students. The school has a strong focus on technology with the campus boasting modern state-of-the-art facilities. All year levels of the school are proactively incorporating YouTube videos as part of their curriculum and also allowing students to access YouTube outside the classroom.

Challenge

The school is fortunate to have a super fast 1Gbps connection to the internet. This provides students and staff with high speed access to online educational tools and resources. The IT department however were observing many students consuming high levels of bandwidth while watching YouTube videos, particularly the new 4K resolution. Some of this content was for educational purposes however on occasion, individual students were consuming up to 11GB/day viewing YouTube videos.

This situation was having a significant impact on available bandwidth with many teachers experiencing delays in the classroom when viewing YouTube videos or accessing other educational resources.

Solution

CyberHound's unique YouTube Cache has been able to deliver Wesley College significant performance improvements ensuring staff and students not only have fast access to YouTube videos but enough bandwidth for other requirements.

Wesley College have been impressed with the massive bandwidth savings that the YouTube Cache is providing. In an average 7-day period the school are saving over 400 GB as a result of the YouTube cache, this is continually improving as more content is viewed over time.

"With the YouTube Cache in place our internet performance has improved significantly. The bandwidth that we are saving downloading YouTube videos is being redirected to other learning tools and content. As a result it is allowing us to enhance learning opportunities for our students," said Thomas Gardiner, Network Administrator.

Another big performance benefit being experienced by the school is how fast YouTube videos can be served from the YouTube Cache.

"We have a big internet link but the CyberHound Appliance has a bigger link to our network, this ensures our staff and students can gain access to YouTube videos so much faster than when downloading it directly from the internet," said Thomas.

"We have a rapidly increasing reliance on web-based tools and resources in our Teaching and Learning program. Implementing CyberHound's YouTube Cache has had an immediate and noticeable impact, freeing up bandwidth for other educational purposes. We are delighted with the solution and the ongoing innovation from CyberHound. It is one of the best investments we have made."

Peter Klemm,
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