

# SANGFOR WANO Video Conference Optimization Solution

## Background

- With applications and users growth, bandwidth is easy to use out.
- Non-productivities occupied bandwidth and effect video conference experience.
- Network packets loss cause video conference is not clear
- Upgrade bandwidth solution can't solve network jitter issue

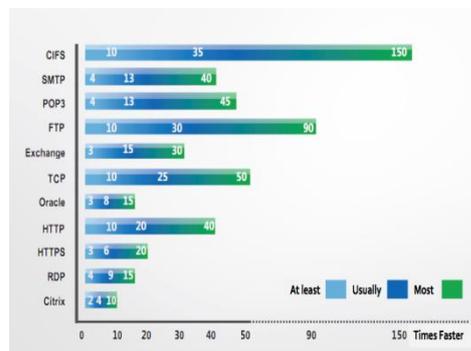
## SANGFOR WANO VC Optimization Solution

Due to the bandwidth is almost use out and considering the increase of business data, the new solution should increase transmission capacity, must have QoS to guarantee video conference traffic. New solution also should support link quality optimization features to solve network quality issue improve video conference experience.

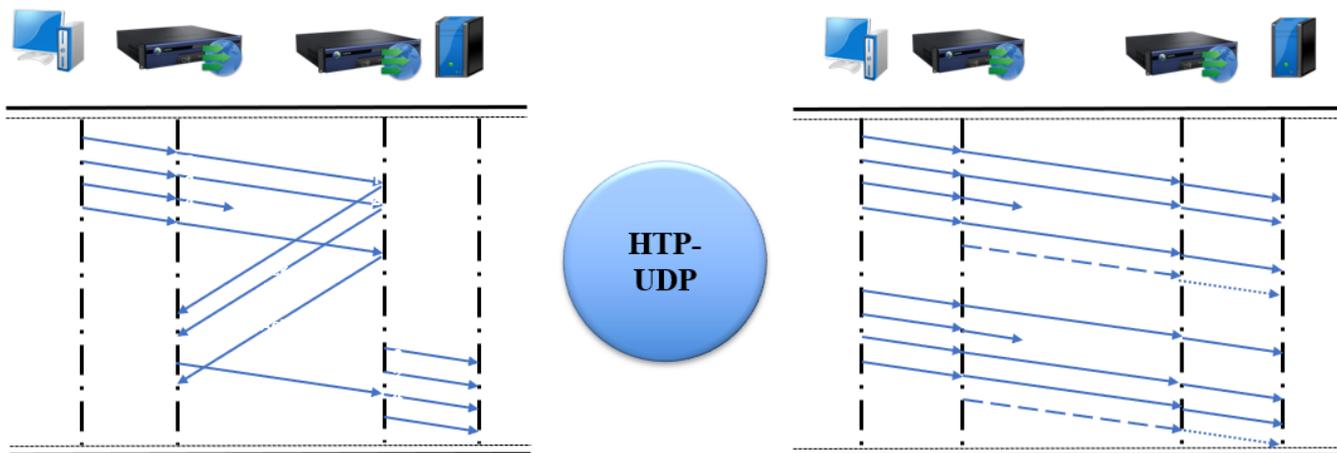
**Visualization:** Provides both real-time monitor and report for IT manager to know bandwidth usage status and adjust traffic policy for different user and applications.

**Reduction:** Reduce up to 90% TCP traffic via byte cache, compression and application proxy technology, solve network traffic congestion issue effectively and improve application speed observably.

**Controllable:** Based on 3000+ applications identification database and ten million level URL library, Sangfor WANO has granulation traffic management power, limit non-productivities and guarantee video conference traffic, video conference will be more smooth. Sangfor also is the first company to develop dynamic bandwidth management technology in this industry, when user is using video conference, WANO will create a special tunnel for video conference automatically and when network has no video conference traffic, the bandwidth could release for other applications.



**Optimization:** Video conference is a instant messaging application, use UDP protocol transmission, but UDP is not a reliable protocol, it is easy to has packets loss issue. HTP-UDP is a optimized protocol for UDP traffic by Sangfor, it used for reduce packets loss especially for video conference.



### Solution Effect



### Best Solution

