

# NEWS

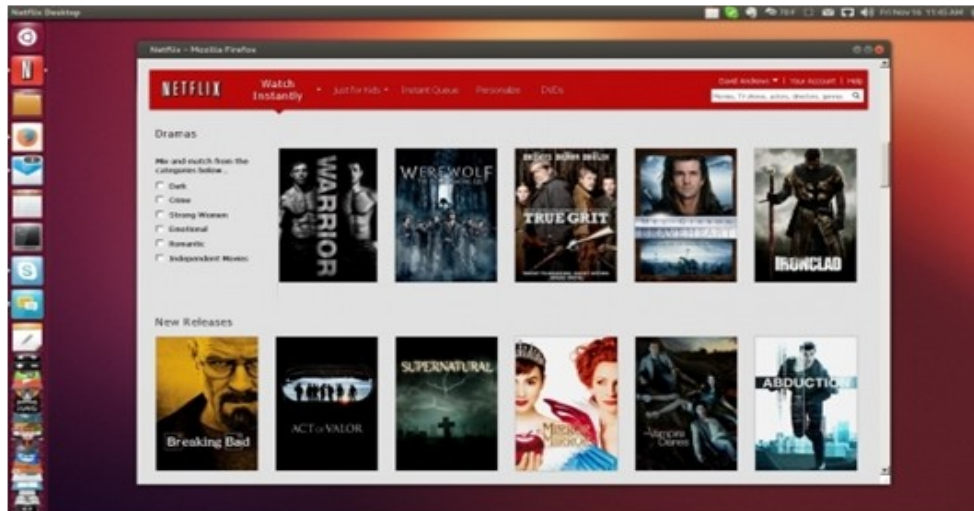
## Netflix what?

### "Super HD" now available to Netflix members; 4K coming next year"

Netflix uses adaptive streaming to dynamically adjust the video quality based on the available bandwidth.

Michael Grotticelli

Oct. 3, 2013



**Members who subscribe to an ISP with a direct Netflix connection will get the best experience.**

All subscribers to the [Netflix](#) service — regardless of their Internet service provider (ISP) — now have access to the highest quality [HD streams](#) available online, or virtually anywhere else for that matter.

Netflix said "Super HD" will improve the quality of its programming with a higher bit rate stream that applies less compression to 1080p images. The Super HD service was initially rolled out in January only through ISPs with a direct connection to Netflix. Netflix has also made 3-D content accessible to all of its subscribers as well. Several outlets have reported that Netflix is hoping to add 4K streams to its service in the near future. Reed Hastings, the company's CEO, said during a recent public appearance that Ultra HD streams could come to Netflix as early as next year, and that these may require up to 15Mb/s of bandwidth.

"Based on the performance data we've seen, and in response to member requests, we are now expanding availability to give all our members the ability to enjoy Netflix in the best possible quality," said Joris Evers, director of corporate communications at Netflix, in announcing the Super HD upgrade.

Netflix uses adaptive streaming to dynamically adjust the video quality based on the available bandwidth. This means that the ability to receive Super HD content depends on broadband quality and performance. Netflix members who subscribe to an ISP with a direct Netflix connection will get the best experience, the company said.

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The company recommends that members have at least 7Mb/s of bandwidth available for best results, but the company also serves a less-demanding Super HD version that only requires around 5Mb/s of bandwidth. 3-D streams can require up to 12Mb/s of bandwidth.



Netflix is encouraging ISPs to adopt its Open Connect, an optimized video content delivery network that is available for free by putting free Netflix storage appliances in or near their network.

Netflix subscribers can check on ISP performance by consulting the Netflix ISP Speed Index on its website. That index shows Google Fiber with the highest speed, 3.58Mb/s, while Clearwire came out on the bottom at 1.8Mb/s. Cablevision's Optimum service came in at number two and Cox number three.

Netflix said it encouraged ISPs to adopt Netflix Open Connect, an optimized video content delivery network that is available at no cost to ISPs. Internet service providers, Netflix said, can do this either by free peering with the service at common Internet exchanges, or by putting free Netflix storage appliances in or near their network. Netflix said major ISPs around the world have already connected to Open Connect, including Frontier, British Telecom, TDC, Clearwire, GVT, Telus, Bell Canada, Virgin, Cablevision, Google Fiber and Telmex.

## SBE CHAPTER 38 OFFICERS

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EL PASO, TX CHAPTER 38 MEETING MINUTE  
DATE 10/8/2013 LOCATION: KVIA-TV STUDIO

**MEETING CALLED TO ORDER:** 18:15 PM, BY ANTONIO CASTRO,  
THERE WERE 12 MEMBERS.

**REPORT OF THE SECRETARY:** MINUTES ACCEPTED BY ALFREDO  
DURAND, 2nd BY OWEN SMITH.

**REPORT OF THE TREASURER:** CURRENT BALANCE OF \$ 5963.23.  
ACCEPTED BY ROSS DAHMAN, 2nd BY WALTER HANTHORN.

**REPORT OF THE CERTIFICATION COMMITTEE:** NO REPORT.

**REPORT OF THE MEMBERSHIP COMMITTEE:** NO REPORT.

**REPORT OF THE FREQUENCY COORDINATOR COMMITTEE:** NO RE-  
PORT, WARREN REEVES AT LAS VEGAS, NV. WORKING.

**REPORT OF THE SCHOLARSHIP COMMITTEE:** RICK VILARDELL  
WILL BRING 2 OR 3 APPLICANTS FOR NEXT MEETING..

**REPORT OF THE WEBSITE COMMITTEE:** 1473 HITS LAST REPORT,  
NOW 1483 (10 MORE FROM LAST MONTH).

**REPORT OF THE EAS CHAIRMAN :** OWEN SMITH, FROM KSCE RE-  
PORTED THAT THEY RECEIVED A WEEKLY EAS TEST FROM ALBU-  
QUERQUE. CHAIRMAN SAYS O.K.

**REPORT OF THE PROGRAM COMMITTEE:** A PRESENTATION WITH  
MICHAEL GIERE ON NETWORKS WAS GREAT. BY POPULAR DE-  
MAND, FOR NOVEMBER MEETING WILL GET TWO MORE PRESENT-  
ERS.

**UNFINISHED BUSINESS:** NONE

**NEW BUSINESS OR ANY ITEMS FOR THE CHAPTER INTERES:** MI-  
CHAEL GIERE FROM KTSM OFFERED A TRAINING COURSE FOR CER-  
TIFICATION ON HARD DRIVES

**NEXT MEETING DATE AND LOCATION:** TUESDAY NOVEMBER 12,  
2013 , 6 PM, AND PLACE WILL BE DEFINED SOON.

**MEETING ADJOURNED:** AT 20:02 PM.

Note from the EDITOR: !!  
KEEP AN EYE IN THE E-MAIL, I AM SENDING  
THE INVITATION FOR DECEMBER CHRISTMAS  
PARTY.  
WE WILL NEED A HEAD COUNT AT THE END  
OF NOVEMBER, SO PLEASE MAKE PLANS.



# NOVEMBER PROGRAM

**WE HAD A GREAT PRESENTATION: “NETWORK ROUTERS, SWITCHES AND MODEMS” WITH MICHAEL GIERE, KTSM-TV I.T., WHO WAS THE PRESENTER. FOR THIS MONTH, WE ARE GOING TO COMPLEMENT THE SAME SUBJECT, BUT NOW WITH WARREN REEVES & ANDREW LUNA.**

**WHEN:  
TUESDAY NOVEMBER 12, 2013.  
TIME: 6 P.M.  
WHERE: T.B.D.**

**( PLEASE, WAIT UNTIL NEXT MONDAY BECAUSE WE NEED CONFIRMATION FROM OUR FRIENDS OF KINT-TV 26 OR FROM CEAR CHANNEL)**



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PICTURES FROM OUR MEETING/ PRESENTATION AT KVIA-TV.



MICHAEL GEIRE PRESENTING THE SUBJECT OF: "NETWORK ROUTERS AND SWITCHES"