



Internet filtering and censorship proposals

Technical parameters

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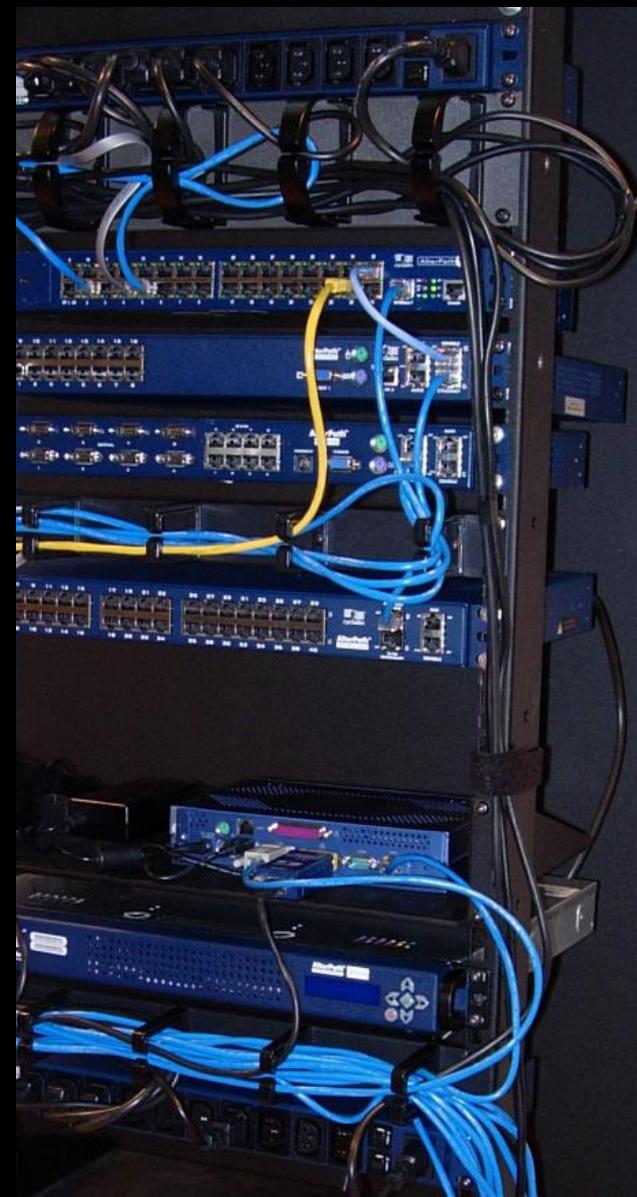
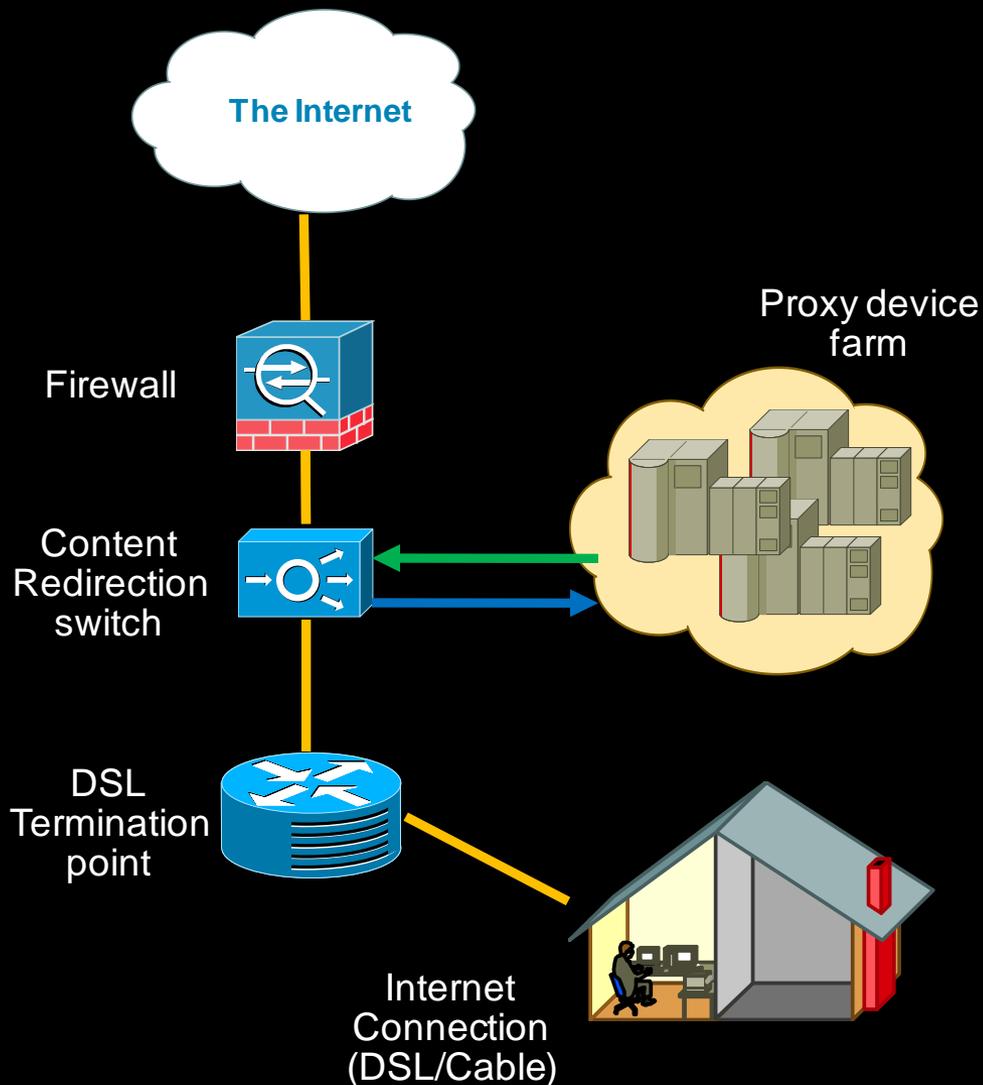
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Cisco and E-Security

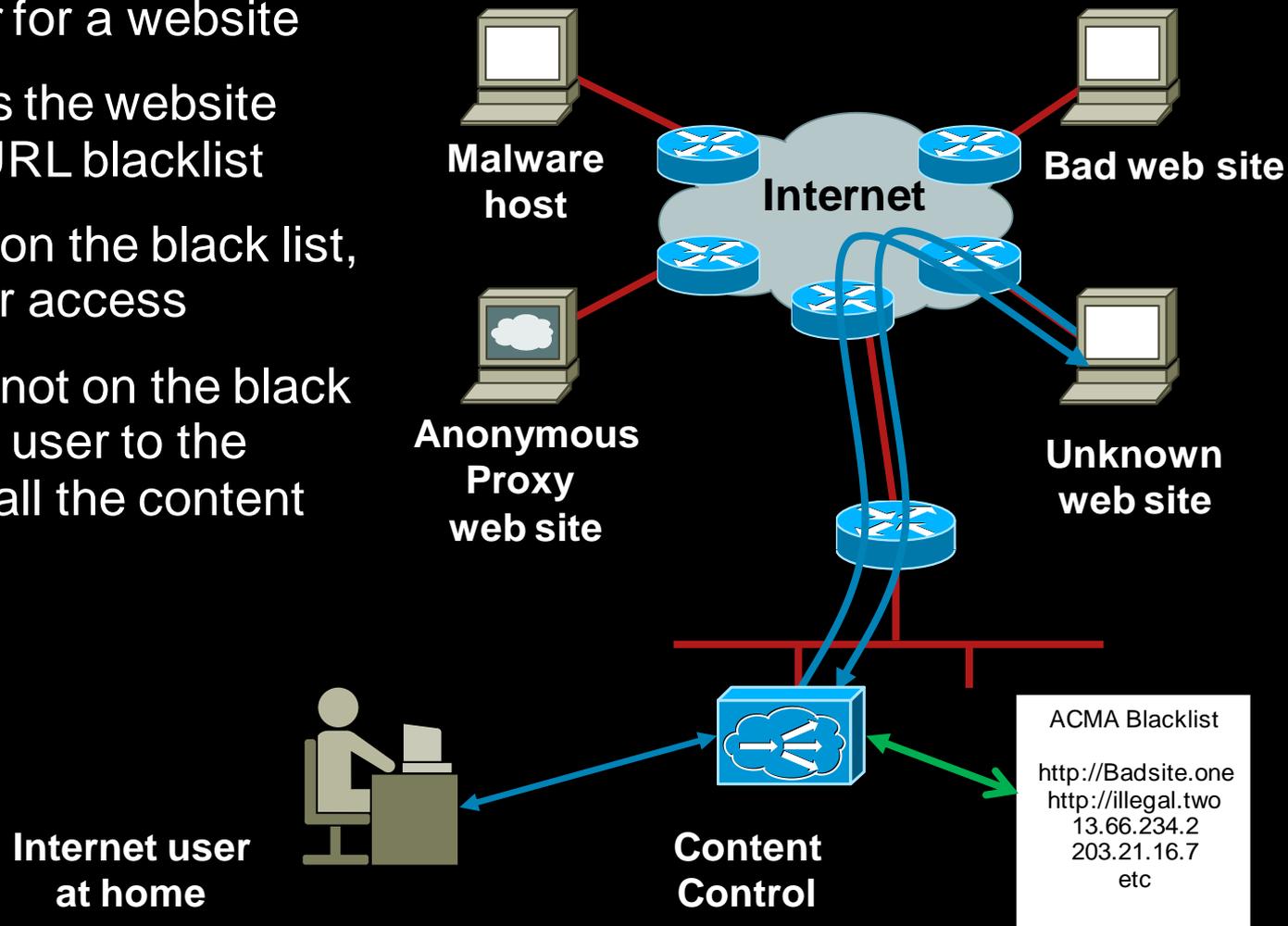
- Cisco has co-founded the US National Cyber Security Alliance (<http://www.staysafeonline.org>) (NCSA)
 - NCSA is a computer security awareness organisation, funded by a public-private partnership including the Department for Homeland Security focused on changing security behaviour for home users, small businesses, K-12 school children, and higher education
- “National Cyber Security Awareness Month” held annually (recently in October 2008) and other targeted campaigns through the year
- Build on five pillars; information sharing, awareness and education, vulnerability management, research and development, and a legal framework.

Filtering by URL and filtering by content



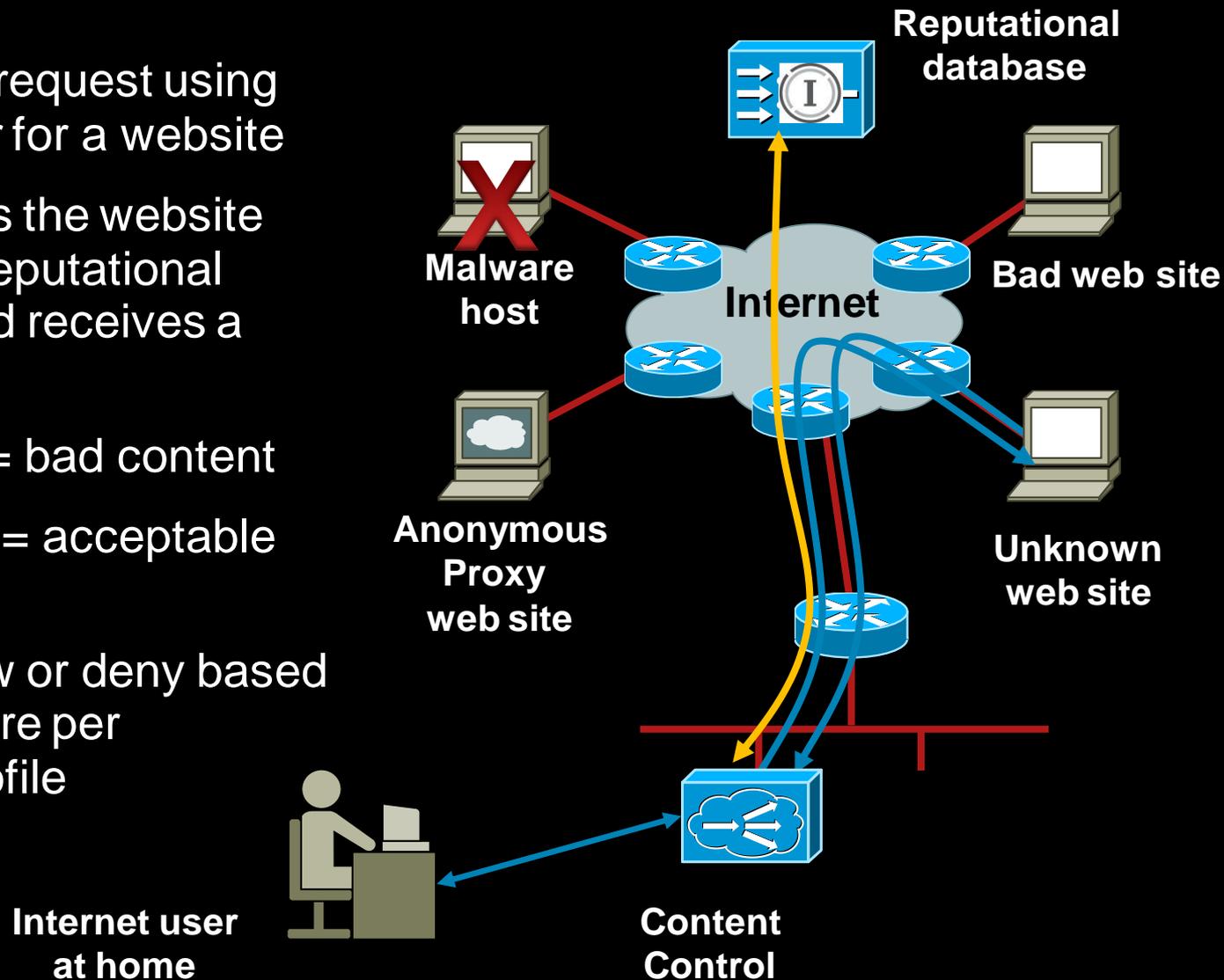
Website browsing **Static Blacklist**

- User makes request using their browser for a website
- Proxy checks the website against the URL blacklist
- If the URL is on the black list, deny the user access
- If the URL is not on the black list, allow the user to the website and all the content contained



Website browsing **Dynamic database**

- User makes request using their browser for a website
- Proxy checks the website against the reputational database and receives a score
- A low score = bad content
- A high score = acceptable content
- ISP can allow or deny based upon the score per customer profile





CISCO