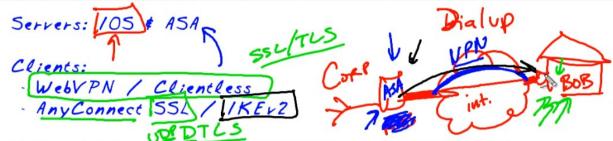
Any Connect, Clientless, AAA, HA, Tshoot and more



Video Assignments from CCNP Security VPN v2.0

- VPN Profiles and Policies, Implementing Clientless SSL
- · Any Connect SSL VPNs, Smart Tunnels and Plugins
- AAA VPN Authentication, Troubleshooting Clientless
- · Troubleshooting Any Connect, Cisco Secure Desktop and DAP
- · High Availability VPNs, VPN Pieces and Parts

CBT nu exets

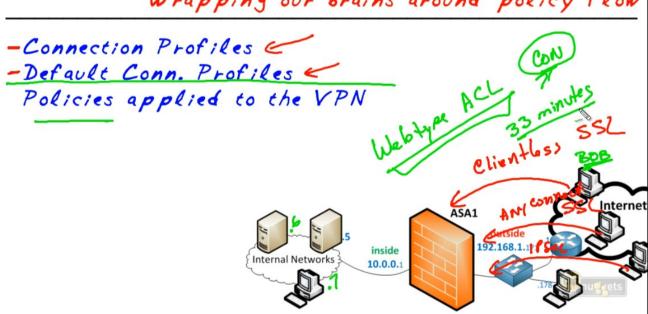
User-Level Bookmarking

Effective with Cisco IOS Release 12.4(15)T, users can bookmark URLs while connected through an SSL VPN tunnel. Users can access the bookmarked URLs by clicking the URLs.

User-level bookmarking is turned by default. There is no way to turn it off. To set the storage location, administrators can use the user-profile location command. If the user-profile location command is not configured, the location flash:/webvpn/{context name}/ is used.

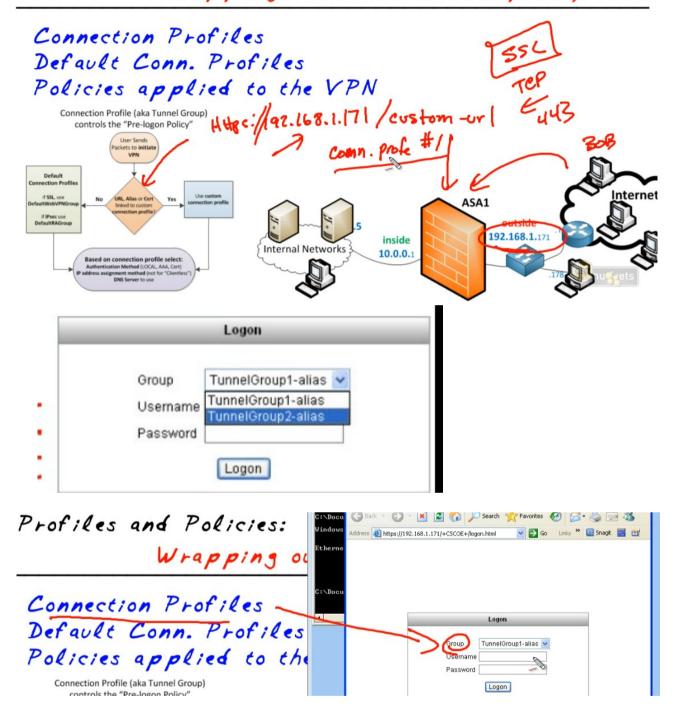
Profiles and Policies:

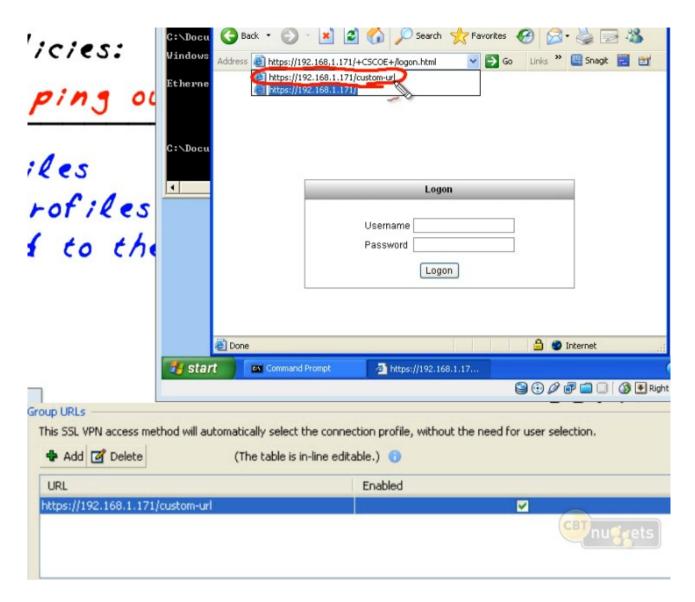
Wrapping our brains around policy flow



Profiles and Policies:

Wrapping our brains around policy flow

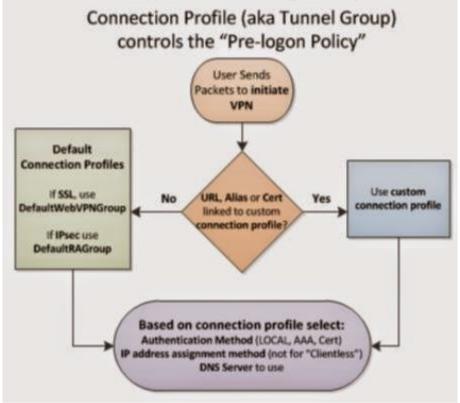




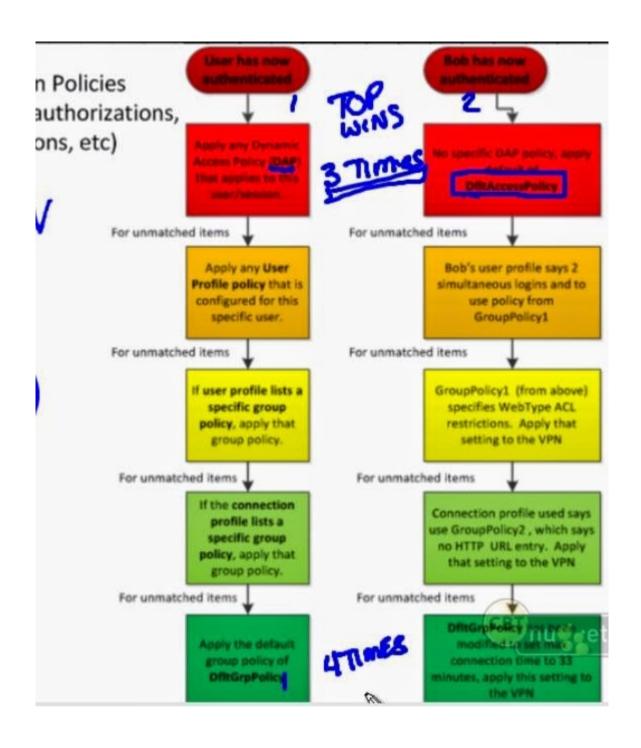
Three RA VPN methods:

Clientless Anyconnect Old IPSec cisco VPN client

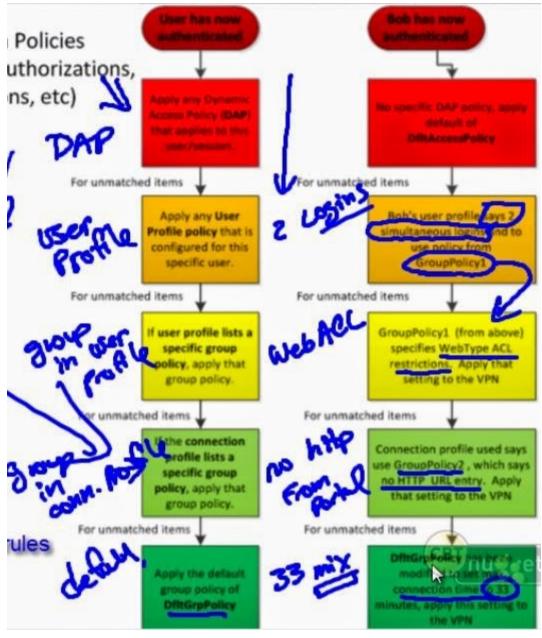
VPN Profile and Policies Connection Profile (aka Tunnel Group) controls the "Pre-logoin Policy":

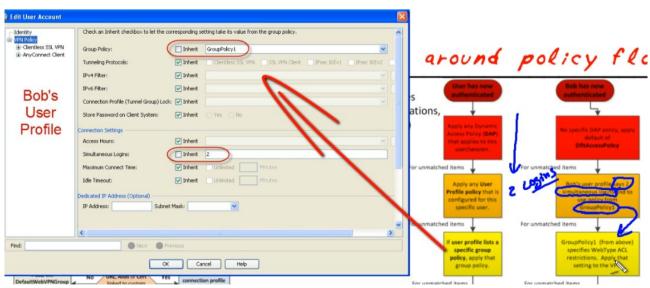


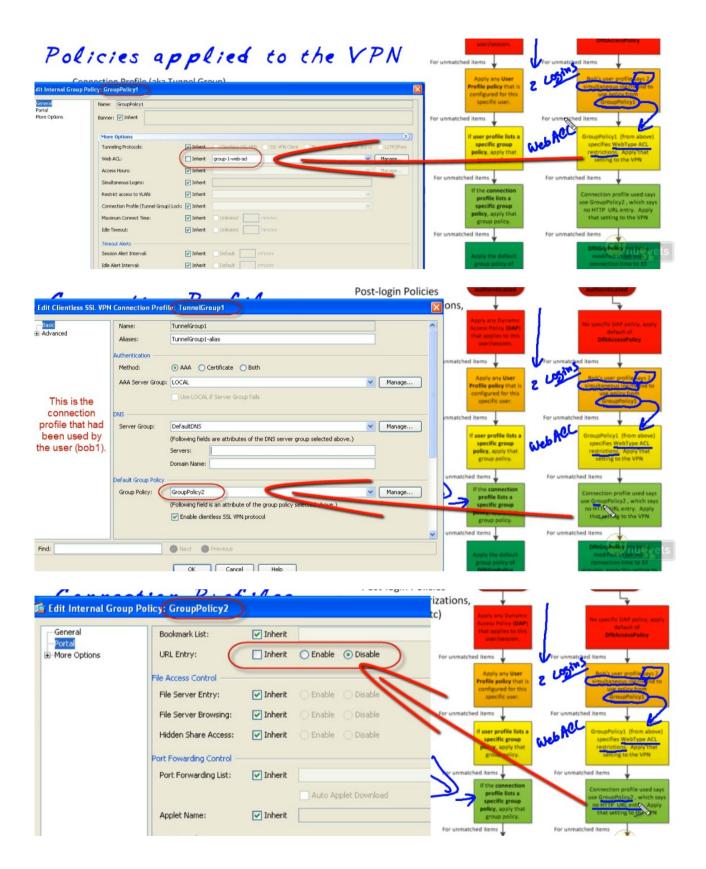
After login, ASA knows who the user is and post-login policies(permissions, authorizations, restrictions, etc) come. Top always win if there is conflict.



Example Flow:







VPN Profiles and Policies Flow (Top gets priority):

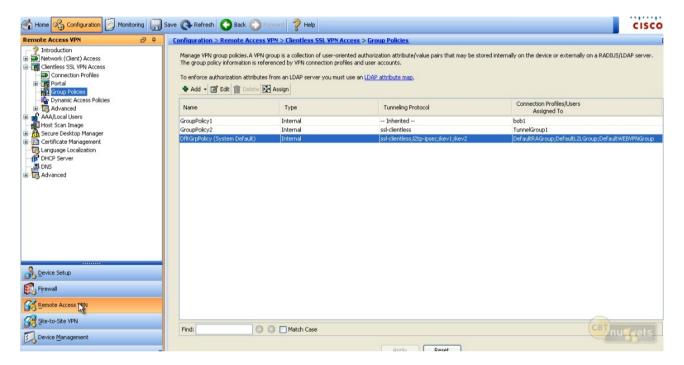
- 1.DAP rules (Dynamic Access Policy)(NAC)(e.g. if firewall present on client machine etc.)
- 2.User Profile rules (User Account)(e.g. Two simultanous logins)(tunnel group lock i.e. even if user chooses other tunnel group it will still be locked to a specific group)
- 3.User Profile Group rules (Group Policy attached to the User profile e.g. Sales group)(e.g. WebTypeACL e.g. Deny http://10.0.0.[7-8]/* and permit *)(e.g. custom bookmarks)
- 4.Connection Profile Group rules (selected at pre-login based on URL, Alias or Cert)(e.g. no http from portal)

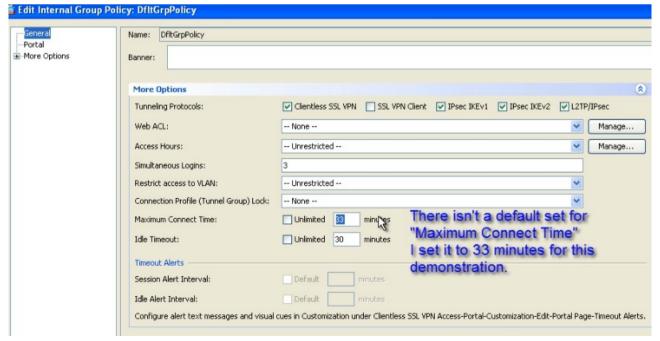
DefaultWebVPNGroup

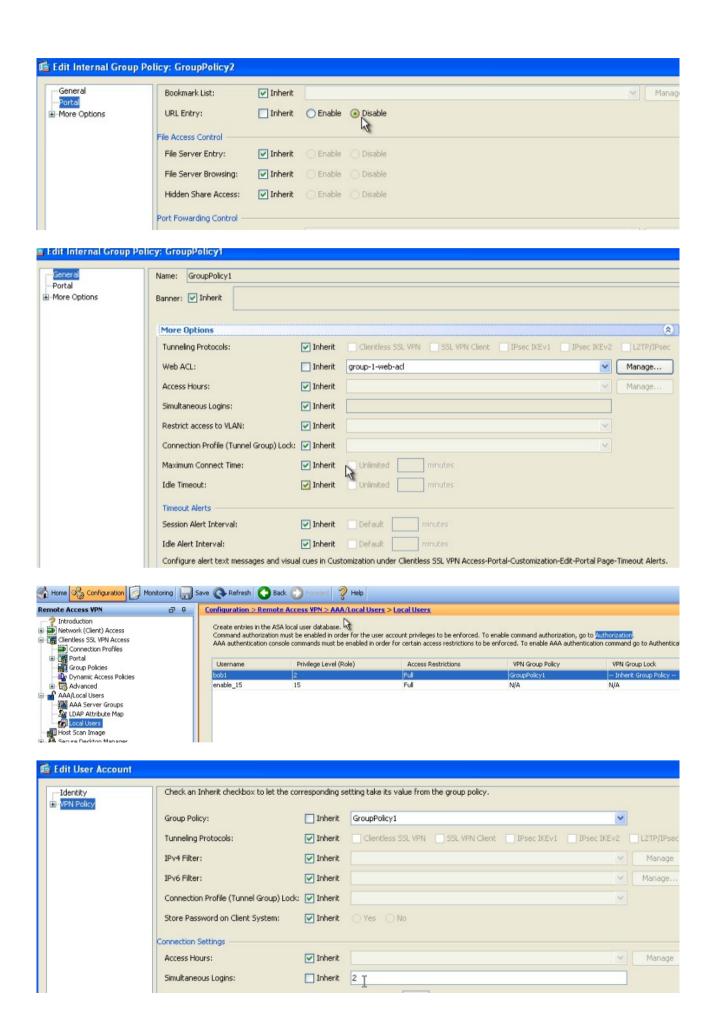
DefaultRAGroup

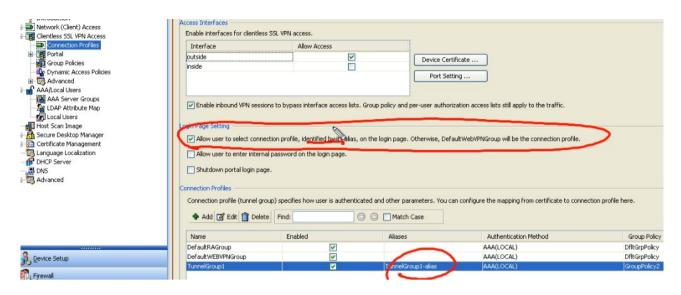
Custom connection profile

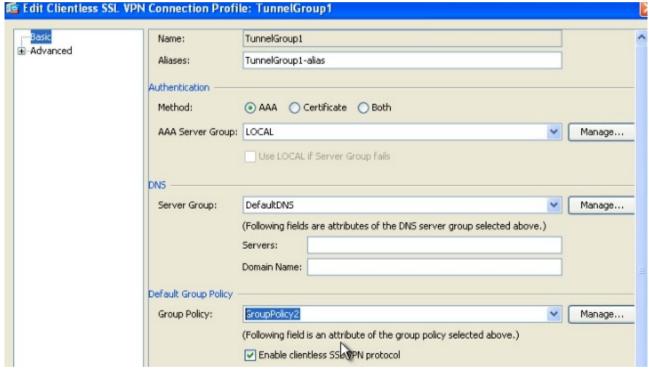
5.DfltGrpPolicy Group rules (e.g. connection time 33 mins)

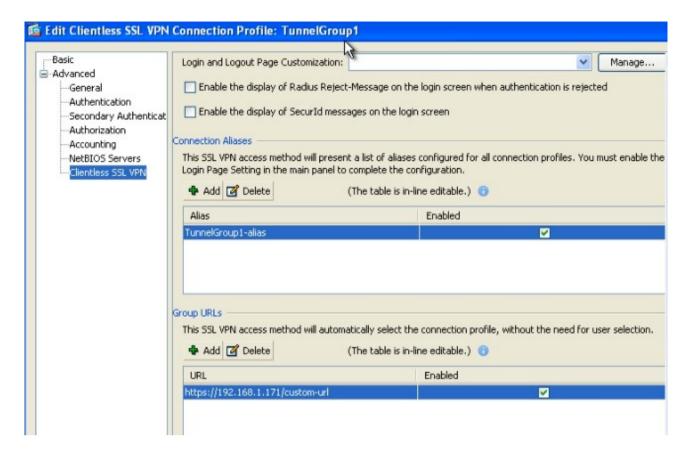








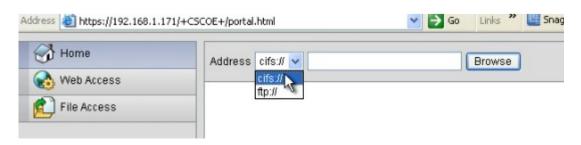




Option to select Tunnel Group/Connection Profile and associated Group Policy:

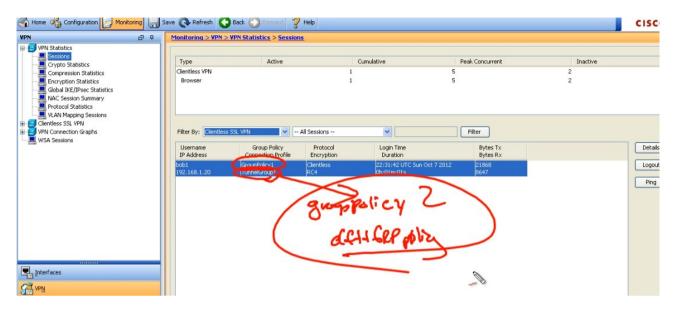


No http in the drop down as restricted by the connection profile group policy:



All these policies are assigned to this user:

- 1. Group Policy 1 for User Profile.
- 2. Group Policy 2 for Connection Profile (Tunnel group) selected by the User from the drop-down.
- 3. DfltGrpPolicy is the Default for all.



User Profile Group Policy 1 (WebTypeACL) and DfltGrpPoilcy (33 mins connection):

