Collegiate Cyber Defense Competitions

Inject Name	NTP Time Service via Broadcast
Inject ID	NETW23T

Description	The organization's network needs to provide synchronized time to the internal devices from a Linux server on each LAN segment. A Linux host on each LAN segment should be synchronized with the NTP Pool, then broadcast its time to the remaining devices on the segment.
	
	Install *chrony* and configure it to use:
	
	    pool 0.pool.ntp.org iburst
	    pool 1.pool.ntp.org iburst
	
	Configure broadcast or multicast (224.0.1.1).
	
	Configure each client device to listen for the broadcast/multicast.

Deliverables	Respond with a business memo that documents the configuration of *chrony* on each server per segment. Using tcpdump, capture a packet stream showing the broadcast/multicast being issued out to the LAN segment, for each segment. Show evidence of each client device (including the firewall) with synchronized time.