



CCDC Inject

INJECT NAME	Configure Consistent Accurate Time on All Devices
INJECT ID	NETW18T

INJECT DESCRIPTION:

In order to properly evaluate network events and correlate them across all devices on the network: it is important to have their clocks accurately synchronized.

Configure network devices and all servers to accomplish this. Use industry best practices and protocols to accomplish this.

- Select a server or network device to be the source of time for all other devices. This device should obtain its time from one of the NTP Pool time sources. This should be a stratum 2 or 3 device.
- Configure all other devices to obtain their time from this internal resource.
- Configure protections so that time from the internal resource is only obtained from the configured NTP Pool time source, and each downstream device only obtains time from this internal resource. This could be accomplished with access lists or passwords.

INJECT DELIVERABLE

Respond with a business memo that we can use with the Board of Director's Audit Committee and their outside consultants that:

- 1.) Identify the internal device that will be the time resource for the rest of the network and which NTP Pool resource is used to synchronize the time.
- 2.) Describe the security precautions you have configured.
- 2.) Screenshots and descriptions with regard to configuration or software installations on each device. Identify each device that has been configured to synchronize with the internal resource.
- 3.) Screenshots from each device showing the synchronized time.