

Day 10 – Clearing ALL protocol configuration after protocol wizard

Testing Challenge:

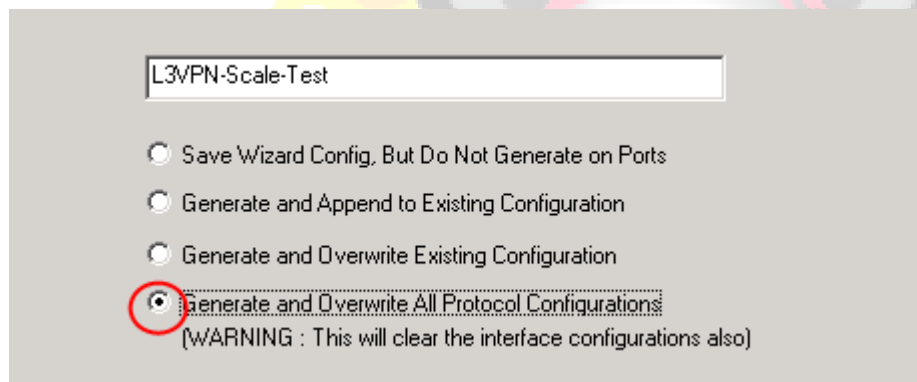
Ixia's protocol interfaces can be a powerful tool when used as virtual routers. A test port can emulate thousands or more virtual routers. These protocol interfaces can be enabled to speak any number of protocols.

In previous IxNetwork releases, protocol interfaces are not automatically deleted on a given port because they "might be" used by other protocols. Over time IxNetwork may accumulate many protocol interfaces that are no longer in use and possibly create configuration errors.

There are indeed cases where a user might want to retain the existing protocol interfaces as well as the protocols associated with it. One example would be when running the OSPF wizard followed by the BGP wizard. However, there are also times when a user wants to start fresh and clean up (delete) all of the existing protocol interfaces and protocol configurations.

IxNetwork 5.40 Solution:

IxNetwork 5.40 solves the problem elegantly by introducing a fourth option called "Generate and Overwrite All Protocol Configurations". This new option is available at the end of protocol configuration wizard.



When this option is chosen, the wizard not only generates the correct control plane protocols but also clears all the ports before new configuration is written to the ports. This option is very useful for new configurations or to overwrite all previous configurations, while the third option is still there to allow user to overwrite existing configuration without removal of existing Protocol Interfaces.

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Conclusion:

While keeping all existing IxNetwork features, IxNetwork 5.40 introduces a new “overwrite” option to allow clean up of the existing Protocol Interface configurations to leave a clean and predictable testing environment.



IxNetwork

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