

Answer 1.:

1. Credit Default Swaps (CDS): These are derivatives that can be used to hedge credit risk of an asset portfolio. A CDS is a contract between two parties, where one party (the buyer) pays a premium to the other party (the seller) for protection against the credit event of a reference obligation. The credit event could be a default, bankruptcy, or similar event. The seller of the CDS is obligated to pay the buyer the market value of the bond in the event of a credit event. This derivative can be used to hedge against the risk of a borrower defaulting on their debt obligations.

2. Credit Spread Options: These are options that are used to hedge the credit risk of an asset portfolio. A credit spread option is a type of option that allows the holder to sell a bond at a specific price (the strike price) and buy another bond at the same price. This option can be used to hedge against the risk of a credit spread widening, which would decrease the value of the bond.

3. Credit Put Options: These are options that can be used to hedge the credit risk of an asset portfolio. A credit put option is a type of option that allows the holder to sell a bond at a specific price (the strike price) and buy another bond at a lower price. This option can be used to hedge against the risk of a credit event, such as a default, which would decrease the value of the bond.

These derivatives can be used to hedge the credit risk of an asset portfolio by providing protection against the risk of a borrower defaulting on their debt obligations or the risk of a credit spread widening, which would decrease the value of the bond. By using these derivatives, an investor can reduce the risk of loss due to credit events in their portfolio. Answer 2:

To effectively manage and report on structured product investments, insurance companies must adhere to stringent regulatory standards and internal guidelines. Here's a detailed