



protectionSchemeResiliency

Element Software

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protectionSchemeResiliency

The protectionSchemeResiliency object contains information about whether a storage cluster, for a specific protection scheme, can automatically heal itself from one or more failures within its associated protectionDomainType. A storage cluster is considered healed when it can continue reading and writing data through the failure of any single storage node (a state known as node tolerance).

Object members

This object contains the following members:

Name	Description	Type
protectionScheme	The current protection scheme of this storage cluster. The only possible value is doubleHelix.	string
sustainableFailuresForBlockData	The predicted number of simultaneous failures which can occur without losing the ability to automatically heal to a state of node tolerance for data.	integer
sustainableFailuresForMetadata	The predicted number of simultaneous failures which can occur without losing the ability to automatically heal to a state of node tolerance for metadata.	integer

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