Spring Professional Exam Tutorial v5.0

Question 03

Question 03 - What does CRUD mean?

CRUD stands for:

▶ **C**reate

▶ **R**ead

▶ **U**pdate

▶ **D**elete

those are basic operations of data store. All of those, or subset of them may be implemented in REST service.

When using HTTP as application layer in REST, following HTTP methods are used for implementation:

▶ **C**reate -> `HTTP POST / HTTP PUT`

▶ **R**ead -> `HTTP GET`

▶ **U**pdate -> `HTTP PUT / HTTP PATCH`

▶ **D**elete -> `HTTP DELETE`

Question 03 - What does CRUD mean?

Here are example conventions often used when implementing CRUD in REST.

URI	GET	POST	PUT	DELETE
/customers	Retrieve all customers	Create new customer	Bulk update customers	Delete all customers
/customers/1	Retrieve specific customer	N/A	Update existing customer	Delete specific customer
/customers/1/addresses	Retrieve addresses assigned to customer	Create new address assigned to customer	Bulk update addresses for customer	Delete all addresses assigned to customer