

How to: Create an Automation Protocol

11.1

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DOCUMENT ACCESS

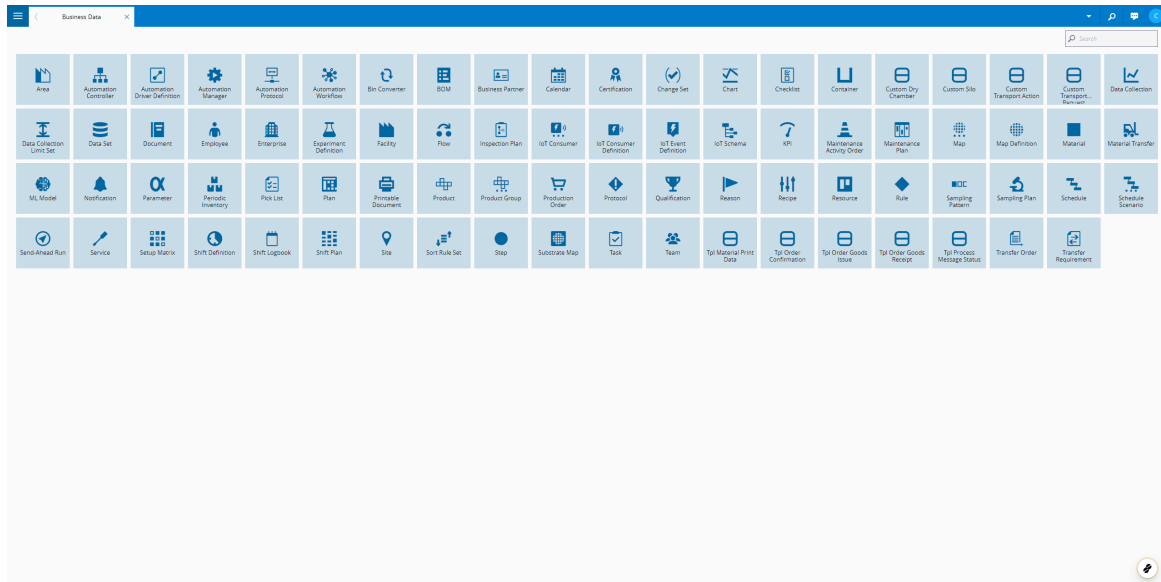
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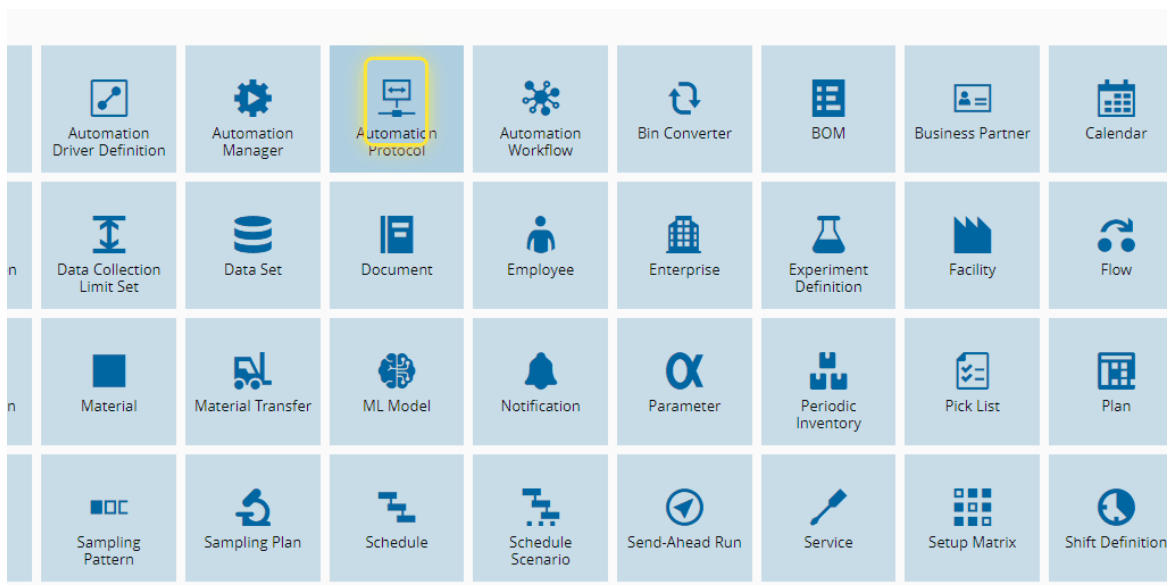
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How to: Create an Automation Protocol

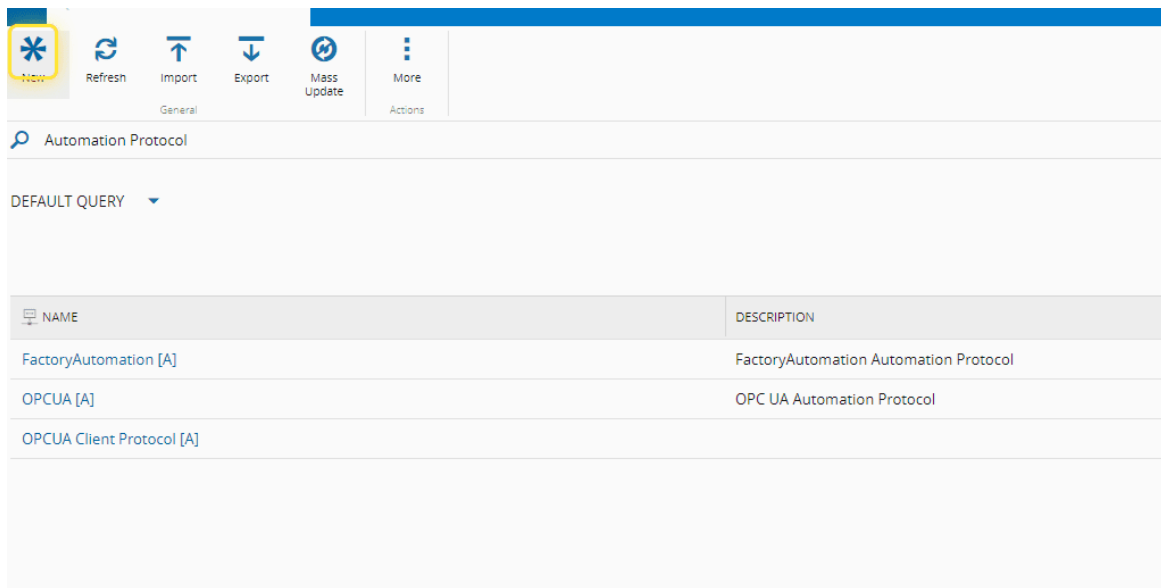
1. Go to the Business Data menu.



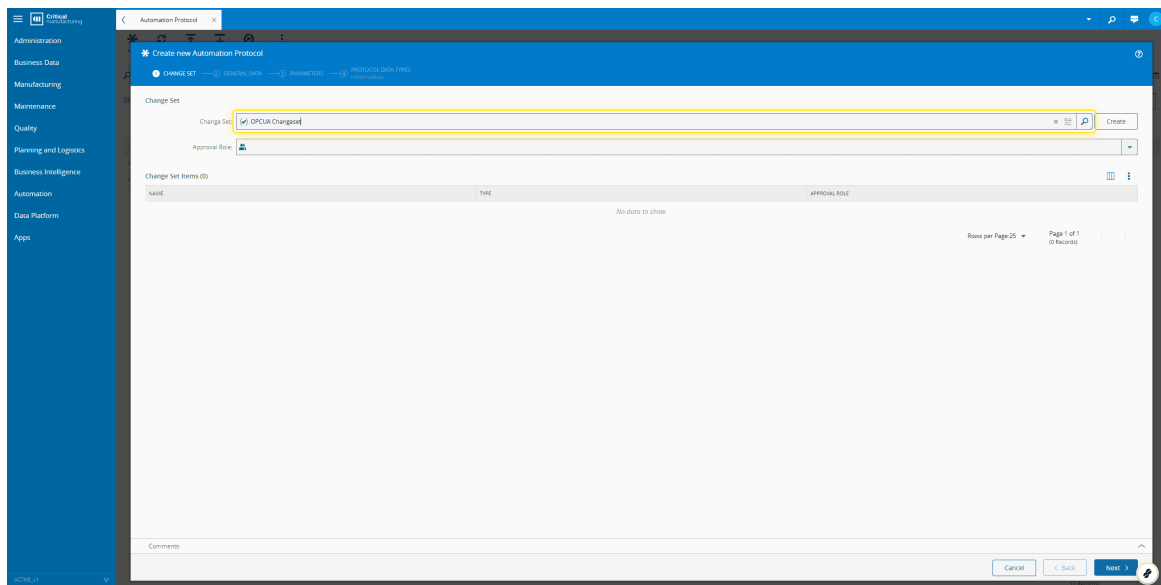
2. Select The Automation Protocol tile



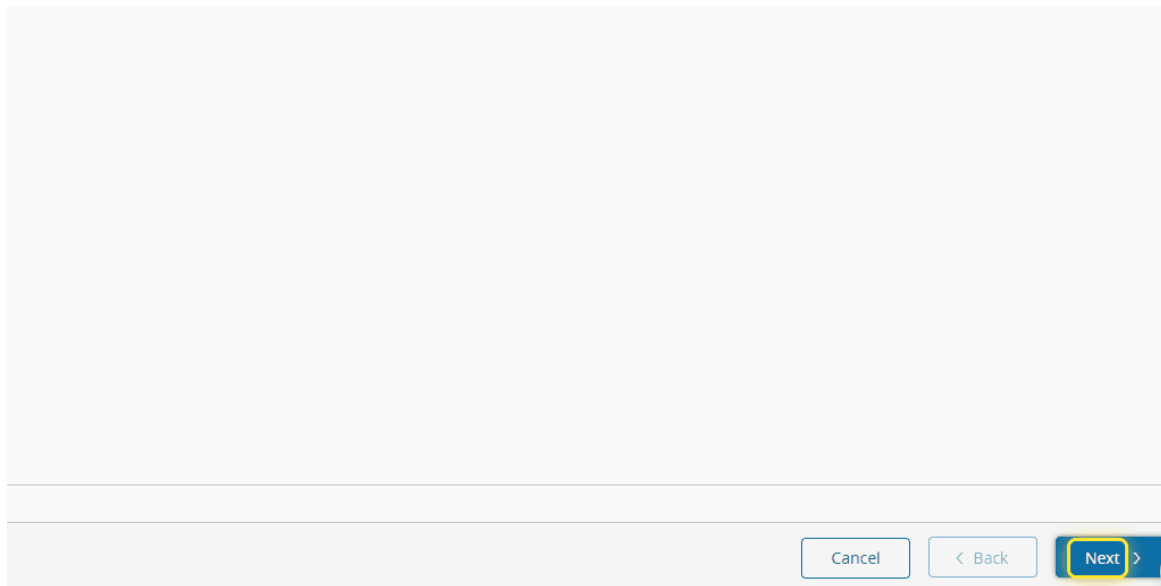
3. Select New



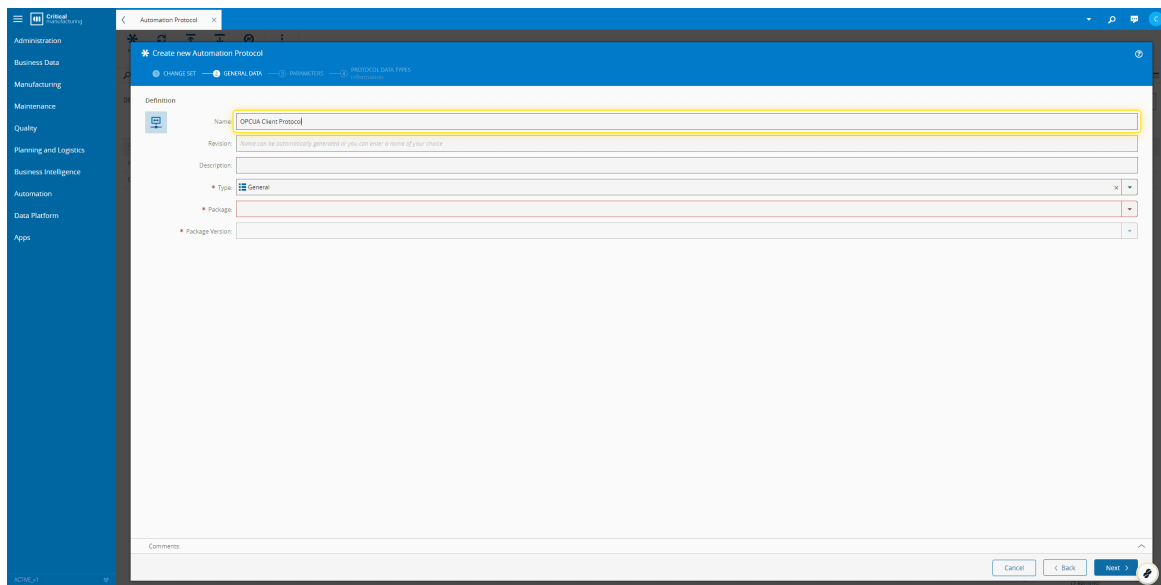
4. Add a ChangeSet



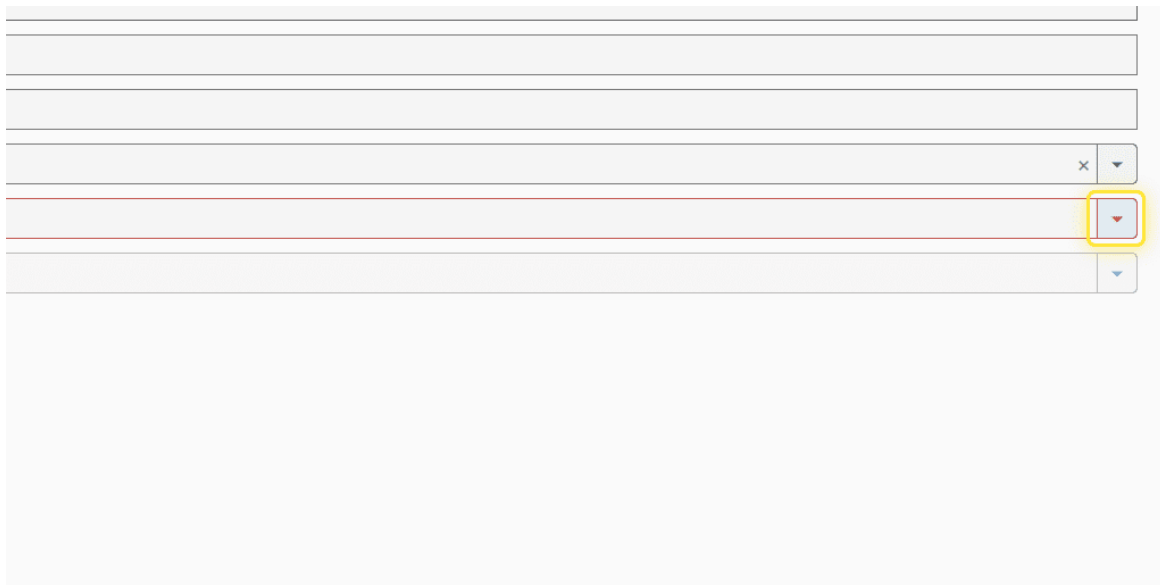
5. Select Next



6. Provide a Name for your Automation Protocol

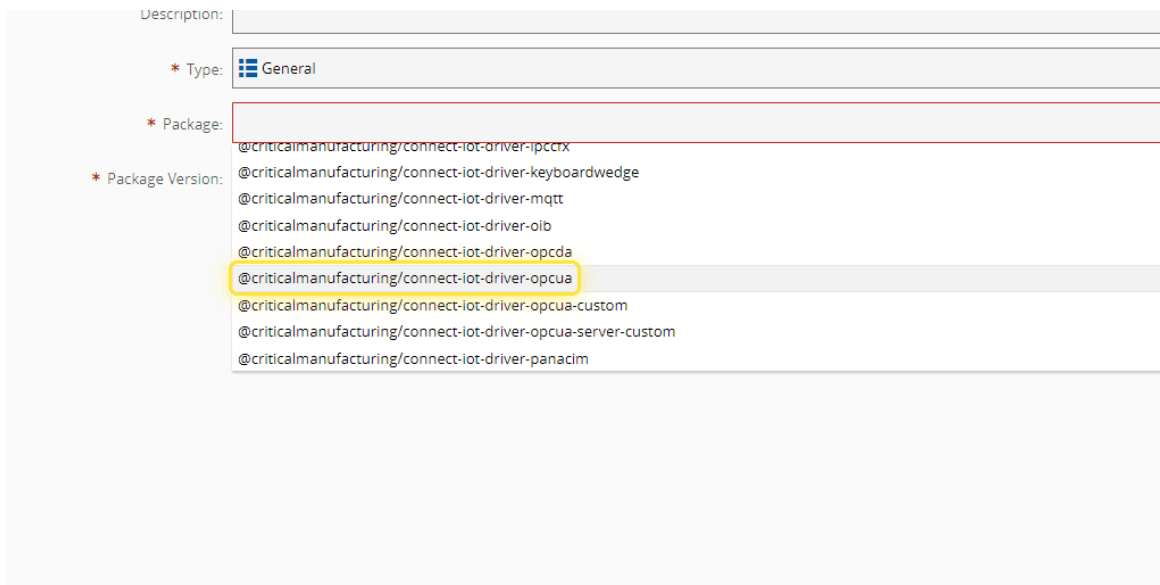


7. Select the Driver package that you depend on



The screenshot shows a software interface with a list of items. A dropdown menu is open, and the option `@criticalmanufacturing/connect-iot-driver-opcua` is highlighted. The interface includes a search bar, a list of items, and a dropdown menu.

8. Select @criticalmanufacturing/connect-iot-driver-opcua



The screenshot shows the software interface with the `* Package Version:` dropdown menu open. The option `@criticalmanufacturing/connect-iot-driver-opcua` is highlighted. The list of package versions includes:

- `@criticalmanufacturing/connect-iot-driver-ipccrx`
- `@criticalmanufacturing/connect-iot-driver-keyboardwedge`
- `@criticalmanufacturing/connect-iot-driver-mqtt`
- `@criticalmanufacturing/connect-iot-driver-oib`
- `@criticalmanufacturing/connect-iot-driver-opcda`
- `@criticalmanufacturing/connect-iot-driver-opcua` (highlighted)
- `@criticalmanufacturing/connect-iot-driver-opcua-custom`
- `@criticalmanufacturing/connect-iot-driver-opcua-server-custom`
- `@criticalmanufacturing/connect-iot-driver-panacim`

9. Select the desired package version

Create new Automation Protocol

1 CHANGE SET — 2 GENERAL DATA — 3 PARAMETERS — 4 PROTOCOL DATA TYPES information

Definition

Name: OPCUA Client Protocol

Revision: *Name can be automatically generated or you can enter a name of your choice*

Description:

* Type: General

* Package: @criticalmanufacturing/connect-iot-driver-opcua

* Package Version:

10. Select the version you wish to use

Description:

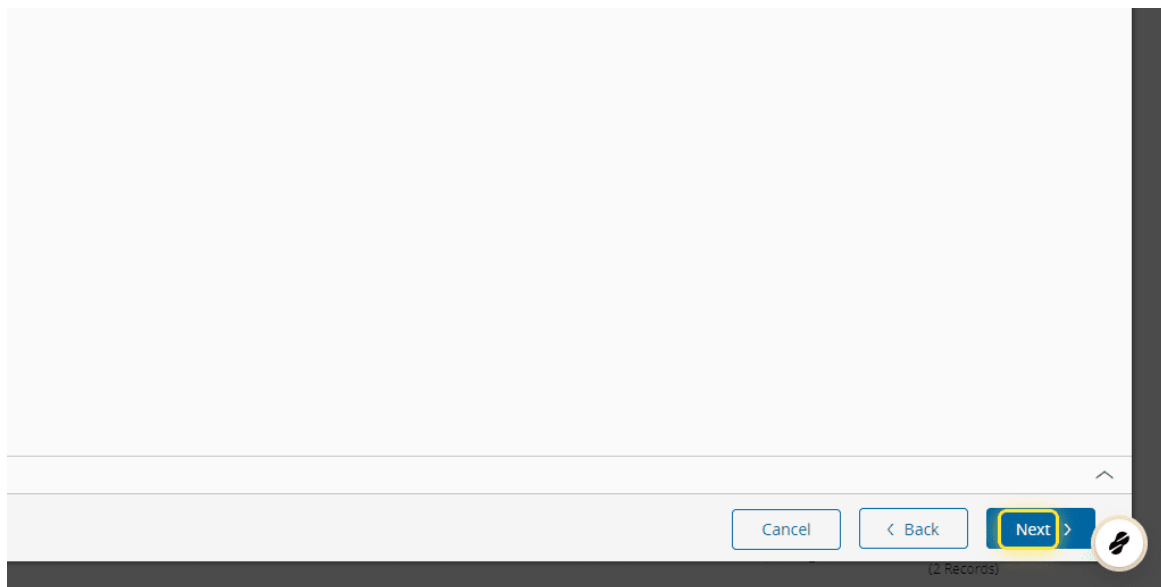
* Type: General

* Package: @criticalmanufacturing/connect-iot-driver-opcua

* Package Version:

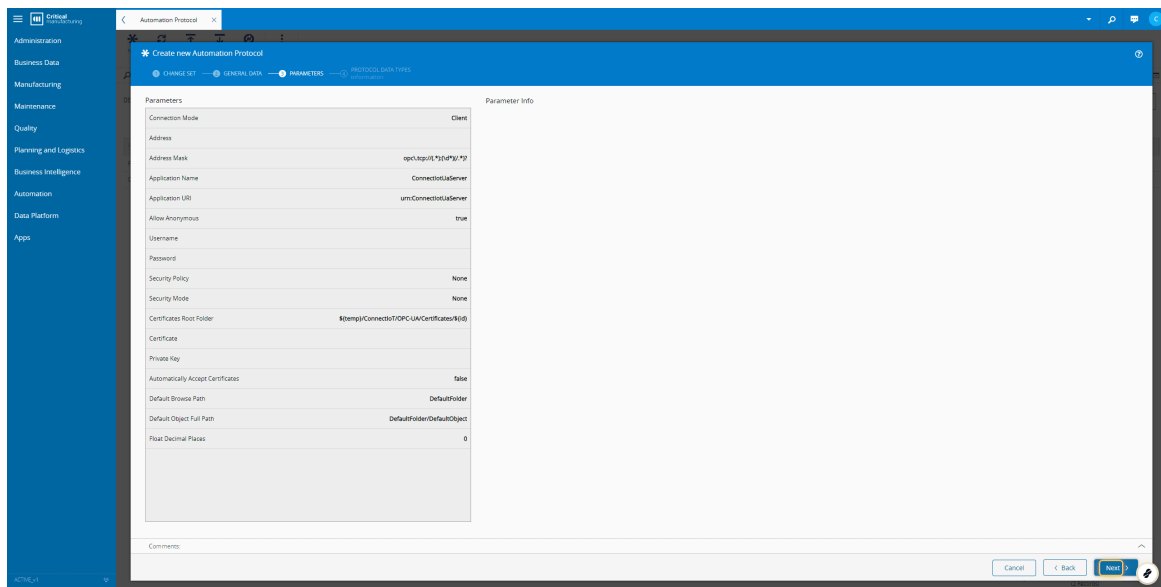
- 10.1.2-202309224
- 10.1.0-202307272
- 10.0.3-202306236
- 8.3.7-202205275
- 8.3.3-202201212
- 8.3.2-202112215
- 8.3.0-202110283

11. Select Next



A screenshot of a web application interface showing a form with a 'Next' button highlighted in yellow. The form is mostly empty, and the 'Next' button is located at the bottom right. Below the 'Next' button, there is a small circular icon with a lightning bolt. At the very bottom, there is a text label '[2 Records]'.

12. You can Edit the default Parameters or just press Next



A screenshot of the 'Create new Automation Protocol' form in the Critical Manufacturing 11.1 application. The 'PARAMETERS' tab is selected, and the form displays various parameters for configuration. The parameters are listed in a table with their names and values.

Parameters	Parameter Info
Connection Mode	Client
Address	
Address Mask	ipnet:ipnet:150.0.0.0/24
Application Name	ConnecticutServer
Application URI	urn:ConnecticutServer
Allow Anonymous	true
Username	
Password	
Security Policy	None
Security Mode	None
Certificates Root Folder	%temp%\ConnecticutServer\Certificates\%id%
Certificate	
Private Key	
Automatically Accept Certificates	false
Default Browse Path	DefaultFolder
Default Object Full Path	DefaultFolder\DefaultObject
Fixed Decimal Places	0

At the bottom of the form, there is a 'Comments' section and a 'Next' button highlighted in yellow. The 'Next' button is located at the bottom right of the form.

13. Select Create

rpe

	DATA TYPE	DEFAULT VALUE
	String	
	String	
	Integer	100
	String	
	String	
	String	Input
	String	Subscription
	Integer	1000

Cancel < Back Create



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