

Chapter 8: Shipper Support and User Experience

Learning Bluemix & Blockchain

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The Plan: 30 minute Chapters with an hour or two of practice

Chapter 1:	What is Blockchain? Concept and Architecture overview
Chapter 2:	What's the story we're going to build
Chapter 2.1:	Architecture for the Story
Chapter 3:	Set up local HyperLedger Fabric V1 development environment
Chapter 4:	Build and test the network
Chapter 5:	Administration User Experience
Chapter 6:	Buyer Support and User Experience
Chapter 7:	Seller Support and User Experience
Chapter 8:	Provider Support and User Experience
Chapter 9:	Shipper Support and User Experience
Chapter 10:	Finance Company Support and User Experience
Chapter 11:	Combining for Demonstration
Chapter 12:	Events and Automating for Demonstration



Over the next lessons, we will build each of the panels in this picture.
Today, we're focused on the bottom left: Provider

Zero To Blockchain Chapter 11: Buyer View

Select Buyer to see their view: Ben On The Cloud, Inc

Order #	Status	Total	Seller: 2nd Life Systems, Inc
006	Order Created: 2017-09-25T12:51:30.567Z	\$38500.00	<input type="button" value="Purchase"/> <input type="button" value="Execute"/>
Item Number	Description	Quantity	Price
3	Lenovo Thinkpad W520 16Gb, 25Tb	15	\$7500.00
4	Lenovo Thinkpad W520 32Gb, 1Tb	20	\$11000.00

Order #	Status	Total	Seller: PC Hardware Now, Inc
007	Order Created: 2017-09-25T12:51:30.567Z	\$5125.00	<input type="button" value="No Action"/> <input type="button" value="Execute"/>
Item Number	Description	Quantity	Price
1	Macbook Pro 15Gb, 1Tb	5	\$6475.00
2	Macbook Pro 8Gb, 5Tb	2	\$1870.00
3	4K Monitor - 32"	2	\$780.00

Order #	Status	Total	Seller: Innovation Solutions, Inc
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Zero To Blockchain Chapter 11: Seller View

View as Seller: 2nd Life Systems, Inc

Order #	Status	Total	Buyer: Ben On The Cloud, Inc
006	Order Purchased: 2017-09-25T13:00:40.801Z	\$38500.00	<input type="button" value="Order From Supplier"/> <input type="button" value="Execute"/>
Item Number	Description	Quantity	Price
3	Lenovo Thinkpad W520 16Gb, 25Tb	15	\$7500.00
4	Lenovo Thinkpad W520 32Gb, 1Tb	20	\$11000.00

order 006 successfully updated to Order From Supplier
Processing Order From Supplier request for order number: 006

Zero To Blockchain Chapter 11: Provider View

View as Third Party Provider: PC Hardware Now, Inc

Order #	Status	Total	Buyer: Ben On The Cloud, Inc
006	Order Submitted to Provider: 2017-09-25T12:51:30.567Z	\$38500.00	<input type="button" value="No Action"/> <input type="button" value="Fast Eddy, Inc"/> <input type="button" value="Execute"/>
Item Number	Description	Quantity	Price
3	Lenovo Thinkpad W520 16Gb, 25Tb	15	\$7500.00
4	Lenovo Thinkpad W520 32Gb, 1Tb	20	\$11000.00

connected

Zero To Blockchain Chapter 10: Shipper View

View as Shipper: PC Hardware Now, Inc

connected

In Chapter 6, we created the OrderAction function, which allowed us to process order status changes for the Buyer. We will extend the set of options in that function to include the seller.

Seller capability:

- Order From Supplier
- Request Payment
- Resolve (a dispute)
- Refund (an order)

Note: Resolve was reused from the original Buyer implementation

Provider capability:

- Request Shipping
- Backorder
- Resolve (a dispute)
- Refund (an order)

Note: Both Refund and Resolve have already been implemented



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Chapter 9: Provider Support and User Experience

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