

Chapter 8: Shipper Support and User Experience

Learning Bluemix & Blockchain

Bob Dill, IBM Distinguished Engineer, CTO Global Technical Sales
David Smits, Senior Certified Architect, IBM Blockchain



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:	Shipper Support and User Experience
Chapter 9:	Provider 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:

eric@bornonthecloudinc.com

 Born On The Cloud, Inc

Order #	Status	Total	Seller: 2nd Life Systems, Inc	
006	Order Created: 2017-09-25T12:51:30.567Z	\$38800.00	<div>Purchase</div>	<div>Execute</div>
Item Number	Description	Quantity	Price	
3	Lenovo Thinkpad W520 16Gb, .25Tb	15	\$7500.00	
4	Lenovo Thinkpad W520 32Gb, 1Tb	20	\$31300.00	

Order #	Status	Total	Seller: PC Hardware, Inc	
007	Order Created: 2017-09-25T12:51:30.592Z	\$9125.00	<div>No Action</div>	<div>Execute</div>
Item Number	Description	Quantity	Price	
1	Macbook Pro 16Gb, 1Tb	5	\$6425.00	
2	Macbook Pro 8Gb, .5Tb	2	\$1970.00	
6	4K Monitor - 32	2	\$730.00	

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

View as Seller:

2nd Life Systems, Inc

 2nd Life Systems, Inc

Order #	Status	Total	Buyer: Born On The Cloud, Inc	
006	Order Purchased: 2017-09-25T13:00:49.881Z	\$38800.00	<div>Order From Supplier</div>	<div>Execute</div>
Item Number	Description	Quantity	Price	
3	Lenovo Thinkpad W520 16Gb, .25Tb	15	\$7500.00	
4	Lenovo Thinkpad W520 32Gb, 1Tb	20	\$31300.00	

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

 PC Hardware Now, Inc

Order #	Status	Total	Buyer: Born On The Cloud, Inc	
006	Order Submitted to Provider: 2017-09-25T13:01:04.216Z	\$38800.00	<div>No Action</div>	<div>Execute</div>
Item Number	Description	Quantity	Price	
3	Lenovo Thinkpad W520 16Gb, .25Tb	15	\$7500.00	
4	Lenovo Thinkpad W520 32Gb, 1Tb	20	\$31300.00	

Reason for Backorder:

Zero To Blockchain Chapter 10: Shipper View

View as Shipper:

Fast Eddy, Inc

 PC Hardware Now, Inc

connected

Clear Window

Display Order Status



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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