



# BizTalk 2016

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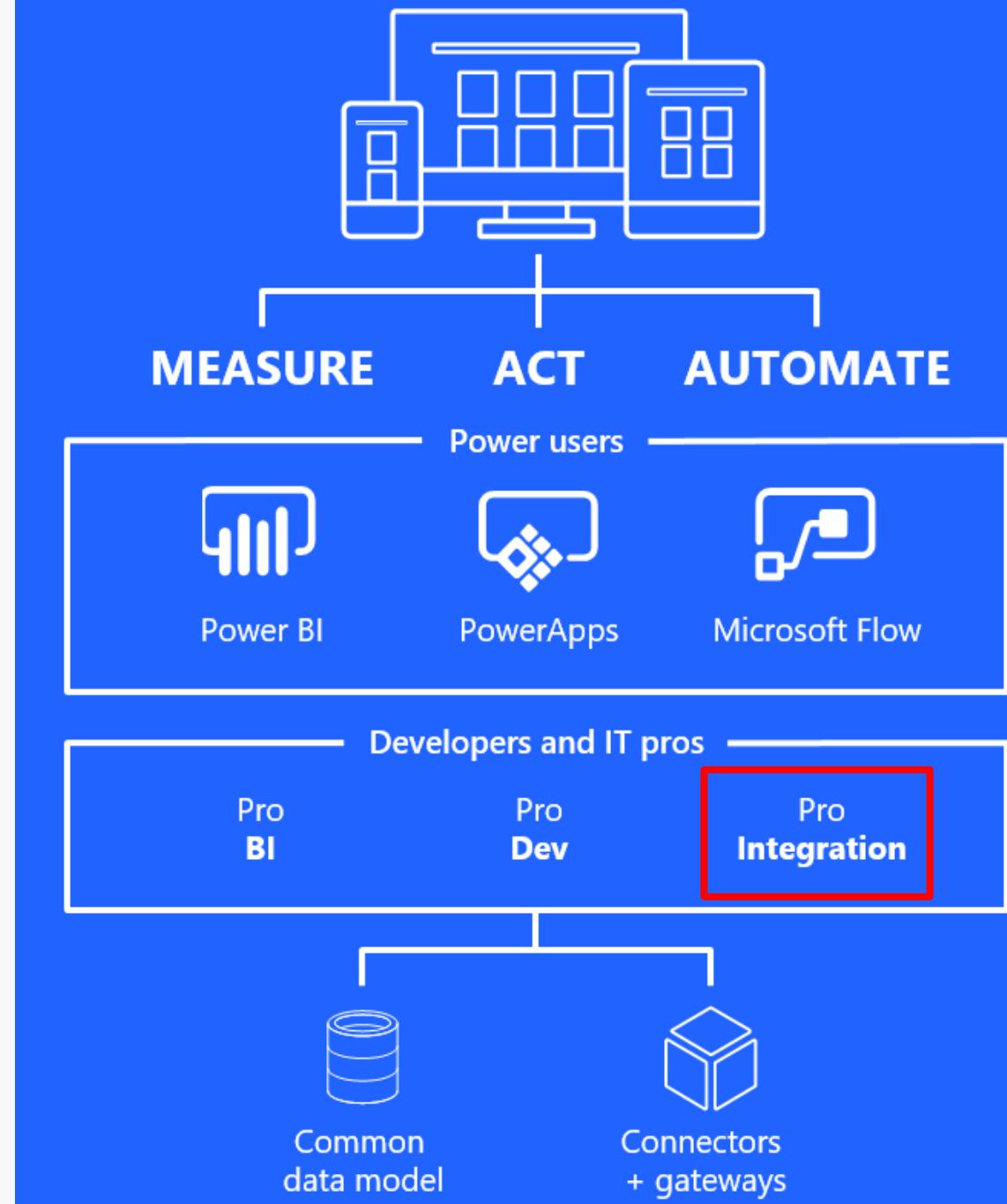
# Agenda

- Who is Pro Integration
- BizTalk Server 2016 Feature Focus
- What will happen in CU 1 for BizTalk 2016
- Microsoft's commitment to Hybrid Integration

# Microsoft

## Business Applications, Platforms and Intelligence

- Cloud and Enterprise Division
- Pro Integration Team
  - Azure API Management
  - Azure Logic Apps
  - BizTalk Server



# Microsoft Enterprise Integration

Logic Apps



BizTalk Server



API Management



Service Bus



- Connect SaaS applications

- Unlock value from hybrid deployments

- Leverage Azure Services

- Automate mission critical processes

- Integrate on-premises LOB to SaaS apps

- Support for new Microsoft Platforms

- Discover, manage and secure connectivity

- Turnkey solution

- Gain insights

- Cloud-based messaging service

- Connect to the cloud

- Secure and predictable message delivery

# BizTalk Server 2016

- Support for SQL Server 2016 AlwaysOn Availability Groups
- Support for newest 1<sup>st</sup> party platforms:
- Windows Server 2016, Office 2016, Visual Studio 2015
- Flexibility to extend your BizTalk capabilities to the cloud with BizTalk on IaaS
- Improved dev-tools
- Improved administration tools



# Customer-driven Improvements

BizTalk Server 2016 RTM

SHA2 Support

SAP NcO Support

Shared Access Signature Support for Service Bus

basicHttpRelay, netTcpRelay, basicHttp, webHttp

Admin Console

Search/Filter on artifact name

Change settings for multiple hosts

Suspended messages - Multi-select on "Save File"

Mapping

Resizable window for schema selection dialog

Map-level config for xslCompiledTransform vs xslTransform

Ordered Delivery on Dynamic Send Ports

HL7 Accelerator

Proactive MLLP adapter connection

Binding import/export improvements

Granular party-level for selected parties

Include/exclude tracking settings

Symmetric CLI commands

Improved SFTP adapter

Greater compatibility – now using WinSCP

SYST support not enforced

Better trace and error info

new ciphers – DES, Blowfish, ArcFour

File adapter – overwrite temp files on retry

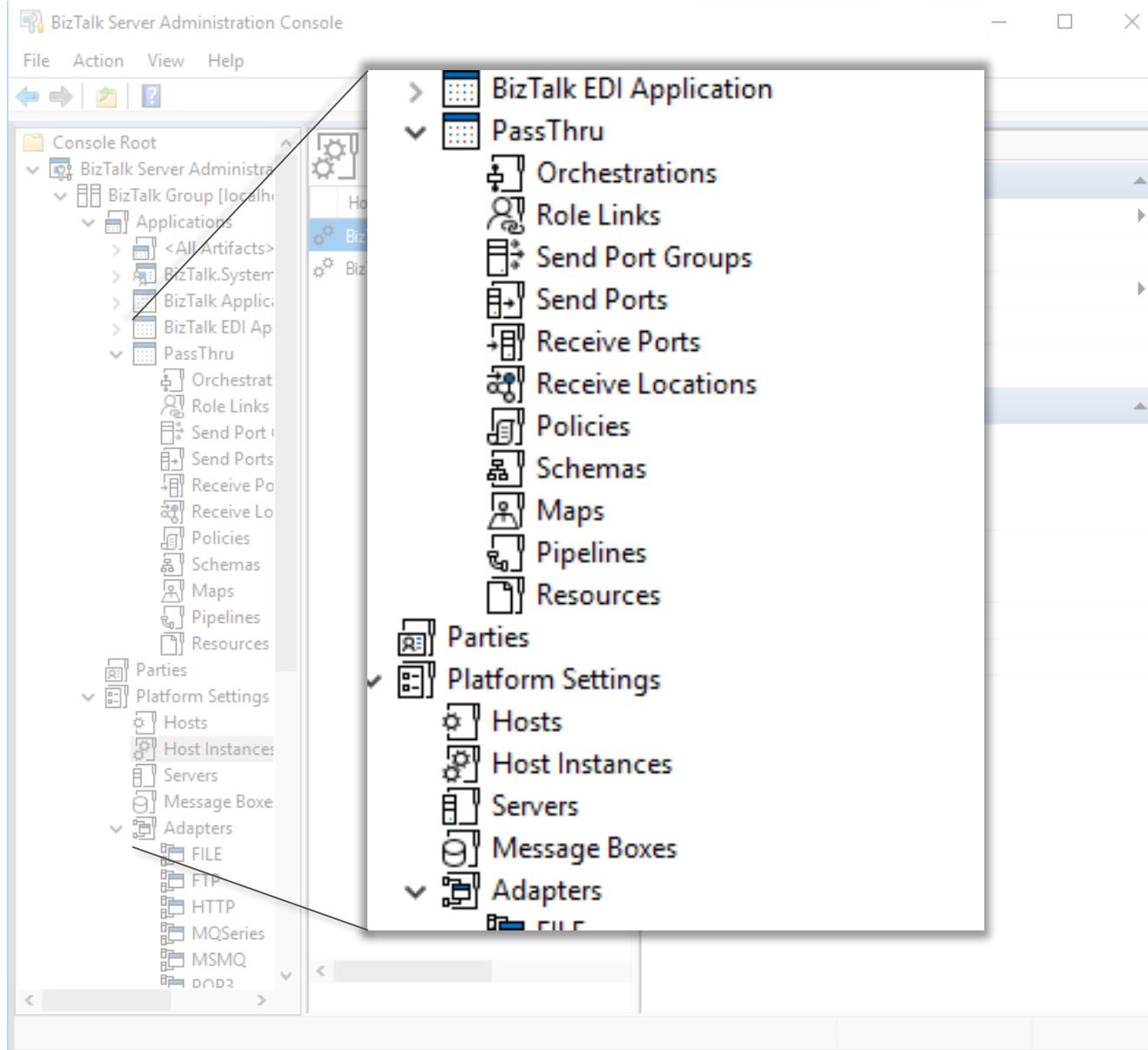
Batching orchestration performance improvements

Admin console and engine perf improvements

Icon refresh

To

# UI refresh with new icons



# Select Schema

The screenshot shows the BizTalk Designer interface with a context menu open over a schema node in a process flow. The context menu displays the 'Select Artifact Type' dialog, which is overlaid on the main workspace.

**Process Flow:**

```
graph TD; Start(( )) --> FindShippingPrice{FindShippingPrice}; FindShippingPrice --> LessThanMin{LessThanMin}; LessThanMin --> Mail1[Email]; LessThanMin --> Else{Else}; Else --> Mail2[Email];
```

**Select Artifact Type Dialog:**

**Current Project References:**

- Microsoft.Samples.BizTalk.CallOrch
- Microsoft.BizTalk.Bam.XLANGs
- Microsoft.BizTalk.DefaultPipelir
- Microsoft.BizTalk.GlobalProper
- Microsoft.XLANGs.BaseTypes
- mscorlib
- System
- system.core
- System.Xml

**Selected Type:** Any member of **{Microsoft.XLANGs.BaseTypes}**  
Contained in Assembly **C:\Program Files (x86)\Microsoft BizTalk Server 2016\Micro**

**Select Artifact Type Dialog Content:**

**Current Project**

Type Name	Fully Qualified Name
Any	Microsoft.XLANGs.BaseTypes.Any
anyType	BTS.soap_encoding_1_1.anyType
anyType	BTS.soap_encoding_1_2.anyType
anyURI	BTS.soap_encoding_1_1.anyURI
anyURI	BTS.soap_encoding_1_2.anyURI
Array	BTS.soap_encoding_1_1.Array
base64Binary	BTS.soap_encoding_1_1.base64Binary
base64Binary	BTS.soap_encoding_1_2.base64Binary
Body	BTS.soap_envelope_1_1.Body
Body	BTS.soap_envelope_1_2.Body
boolean	BTS.soap_encoding_1_1.boolean
boolean	BTS.soap_encoding_1_2.boolean
btf2_endpoints_h...	BTF2Schemas.btf2_endpoints_header
htf2_envelope	RTE2Schemas.hsf2_envelope

**Selected Type:** Any member of **{Microsoft.XLANGs.BaseTypes}**  
Contained in Assembly **C:\Program Files (x86)\Microsoft BizTalk Server 2016\Microsoft.XLANGs.BaseTypes.dll**

**Buttons:** OK, Cancel, Help

**Toolbox**

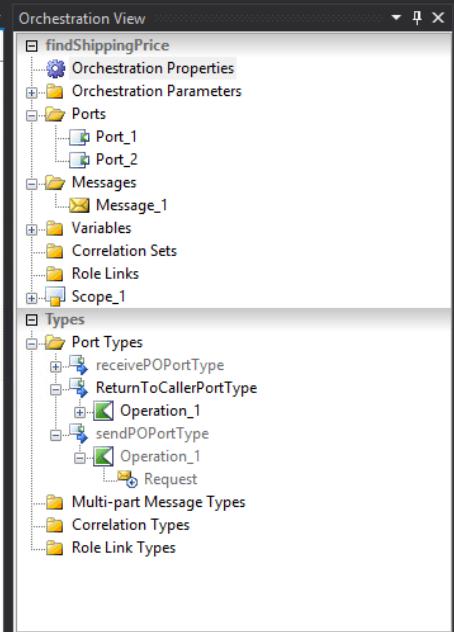
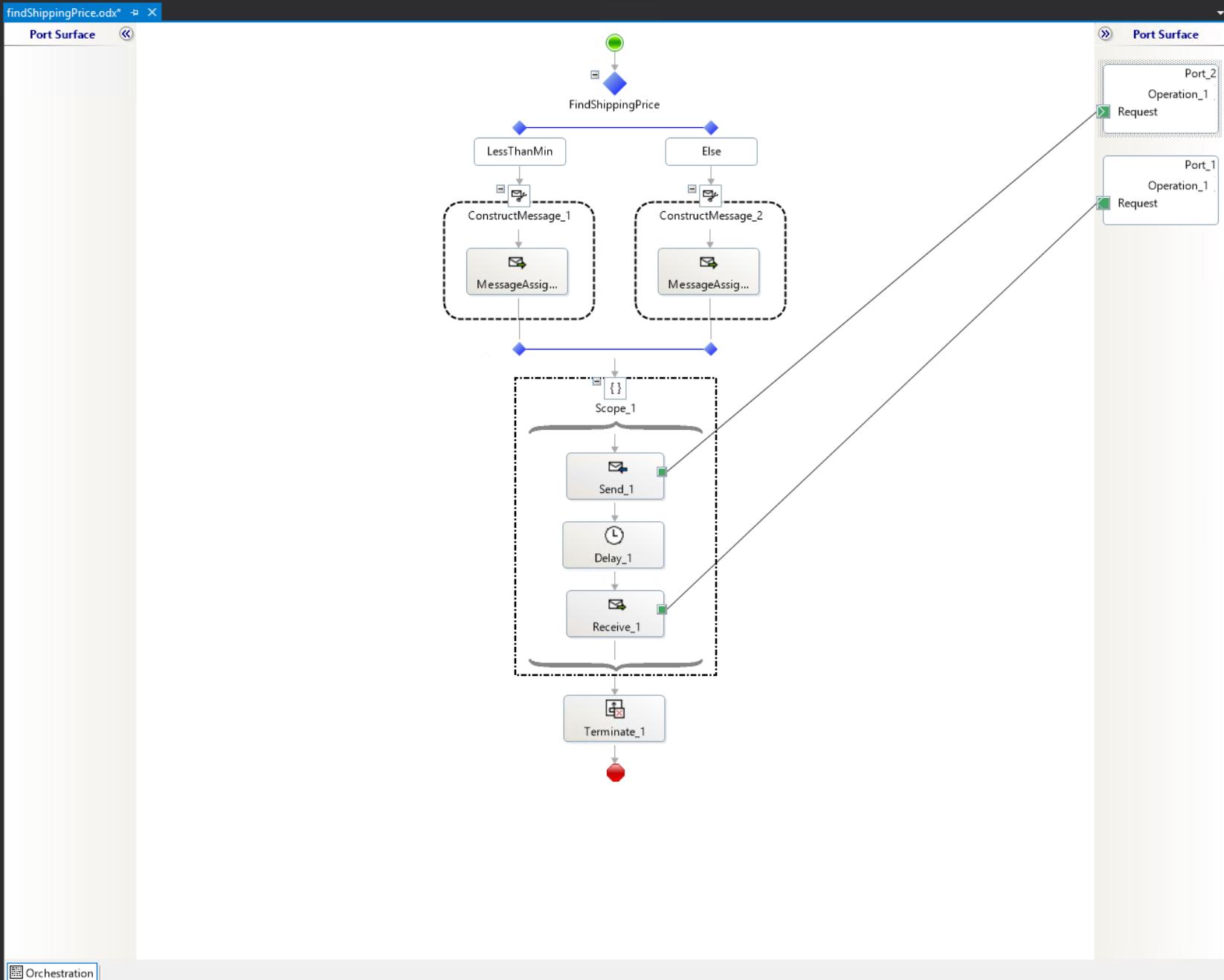
**Search Toolbox**

**BizTalk Orchestrations**

- Pointer
- Group
- Send
- Receive
- Port
- Role Link
- Transform
- Message Assignment
- Construct Message
- Call Orchestration
- Start Orchestration
- Call Rules
- Expression
- Decide
- Delay
- Listen
- Parallel Actions
- Loop
- Scope
- Throw Exception
- Compensate
- Suspend
- Terminate

**General**

There are no usable controls in this group.  
Drag an item onto this text to add it to the toolbox.



**Properties**

findShippingPrice	Orchestration Properties
Description	
Module Exportable	False
Namespace	Microsoft.Samples.BizTalk.CallOr
Object Type	Orchestration Properties
Report To Analyst	True
Transaction Type	None
Type Modifier	Private
Typename	findShippingPrice

**Description**

User comments.

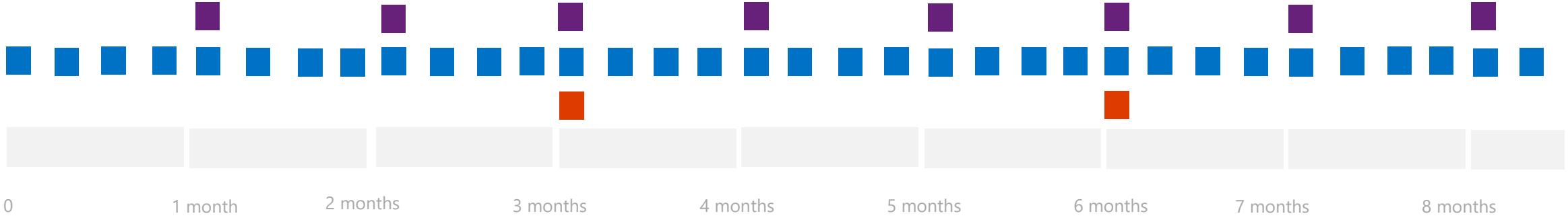
# Coming soon

- Fully SHA2 certified
- Improvements to SAP Adapter
- BizTalk Admin tooling
- Improvements on error handling
- Logic Apps Adapter
- SCOM management pack for BizTalk 2016
- Improvements on error handling

# Support lifecycle

	<b>BTS End of Support</b>	<b>BTS End of Life</b>	<b>OS End of Support</b>	<b>OS End of Life</b>	<b>SQL End of Support</b>	<b>SQL End of Life</b>
<b>BTS2013 R2</b>	July –/2018	July –/2023	Windows 2012 R2 Jan – 2018	Windows 2012 R2 Jan – 2023	SQL 2014 July – 2019	SQL 2014 7/9/2024
<b>BTS2013</b>	July – 2018	July – 2023	Windows 2012 R2 Jan – 2018	Windows 2012 Jan – 2023	SQL 2012 July – 2017	SQL 2012 July – 2022
<b>BTS2010</b>	Jan – 2016	Jan – 2021	Windows 2008 R2 Jan – 2015	Windows 2008 R2 Jan – 2020	SQL 2008 R2 July – 2014	SQL 2008 R2 July – 2019
<b>BTS2009</b>	July – 2014	July – 2019	Windows 2008 Jan – 2015	Windows 2008 Jan - 2020	SQL 2008 July – 2014	SQL 2008 July – 2019
<b>BTS2006 &amp; BTS2006R2</b>	7/12/2011	7/12/2016	Windows 2003 July – 2010	Windows 2003 July – 2015	SQL 2005 April – 2011	SQL 2005 April – 2016

# Release cadence



BizTalk Server Cumulative update every quarter

Azure Logic app refresh once every week

API Management refresh once every four weeks

# Feature comparison

Feature	BizTalk 2016	BizTalk 2013 R2	BizTalk 2013
SHA2 Certified	X		
Full high availability support in Azure	X		
SQL Server Always On support	X		
Logic Apps Adapter	X		
SAP NcO support	X		
Shared Access Signature Support	X		
Remodel the export and import of binding files	X		
Improved SFTP adapter	X		
Connectivity to Azure Service Bus	X	X	
Out of the box message box	X	X	
PowerShell provider for BizTalk	X	X	X

# BizTalk Server 2016 looking ahead

- Improved SAP Adapter
- Improvements in the Rosetta Net connector
- Logic App Adapter going GA
- Continue focus on “Better Together” strategy across Pro Integration and other Azure Services

**BizTalk 2016 GA**

Logic App Adapter  
BizTalk 2013 R2 CU5

BizTalk 2016 CU1  
BizTalk 2016 CU2  
BizTalk 2013 CU6

**More updates**

Q4 CY16

Q4 CY16

Q1 CY17

beyond

# Thinking about migration?

- ④ If you want to move towards the cloud BizTalk Server 2016 is fully compatible
  - ④ The Server platform is fully supported and continue to have newer iterations
  - ④ Support HA and DR both on premise and in the cloud
  - ④ Connect to Logic Apps using the logic app adapter
- ④ If you want to leverage public cloud, Logic app is general available
  - ④ Logic Apps is general available (GA) and Enterprise Integration Pack in preview, both in constant improvement
  - ④ Leverage artifacts such as Maps and Schemas.
  - ④ The cloud has more rapid feature releases than on premise products

# We need you!

**Sign up** to Yammer  
join **Azure Advisors**

<http://aka.ms/AzureAdvisors>

**Participate** and **help** us  
to bring **new capabilities**  
To BizTalk vNext



Thank you for the time

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