



Azure Stack Hub Kickstarter

FastTrack for Azure EMEA



Topics covered in this Deck

- Your Azure Stack Hub Kickstarter – an Overview
- Who's who – the Microsoft Team
- Educational Element of the Kickstarter
- Prerequisites ? – Important Note
- Kickstarter Phases and Learning references
- Kickstarter Scope (Datasheet)
- Kickstarter Sessions (Agenda & Plan)

Your Azure Stack Hub Kickstarter

The Kickstarter program for Azure Stack hub is a prescriptive delivery framework with prepared content (MIP/Workshops).

Nominations for the Kickstarter Program by the filed are done through <https://aka.ms/azshkick>.

The Kickstarter Mission is to prepare your Azure Stack Hub environments for running your first workloads

- Initial Operational Guidance offered to new Azure Stack Hub customers
- Operator-focused accelerator delivered remotely, using the customer Azure Stack Hub system (with disconnected environments, we will use other environments where the delivery lead will showcase the operations)
- Once completed we aim to deploy an initial workload with the customer closing out at a stage where customers are empowered to deploy further Workload themselves.



Who's Who in the Kickstarter – Microsoft Team

Phase		
1 - Introduction	Your <i>Global Black Belt</i> or <i>Microsoft account team</i> who brought the program to your attention	
2 - Kick-Off	<i>PG Program Manager</i> <i>FastTrack for Azure Program Manager</i>	<ul style="list-style-type: none">• Help define your initial goals and expectations• Conduct checkpoint meetings• Identify the interesting projects which might need more assistance, or could form future standard patterns developed by Microsoft• Refine the Kickstarter process over time based on customer feedback• Capture lessons learned and provide feedback to Azure Stack Hub engineering team
3 – 8 Engineering	Microsoft FastTrack for Azure Lead Engineer (Azure Stack SME) Workload Engineer (IOT, Data... SME)	<ul style="list-style-type: none">• Lead the technical stream with your engineering Team• Host Q&A and technical deep-dive sessions• Assist with “review and guidance” throughout the Program• Are Remote and “Hands off”



Education Element of the Kickstarter

There are self-directed learning and instructor-led learning elements in the Kickstarter

- **You may be ready to go now.** If your technical and operational teams are already familiar with Azure Stack Hub concepts, architecture, and procedures, we will deliver a pair of design sessions prior to the workload deployment activities. These will prepare frameworks for Azure Stack Hub plans, offers, marketplace content, and backup/business continuity strategy.
- **Your teams need to self-prep.** Your teams can follow our online educational materials during a two-week period. We will suggest a schedule for these self-paced learning activities and will provide four Q&A sessions to review the topics.
- Some topics can be chosen for instructor-led technical education / deep-dive. Once you've confirmed ready to us after the suggested self paced learning **Phases A & B** we can schedule up to 4-5 "Spin Off Sessions" (normally these sessions have a duration of 1 – 1.5 hours) to delve into topics of interest in greater detail together with your Lead engineer or further specialized subject matter experts from our engineering teams.

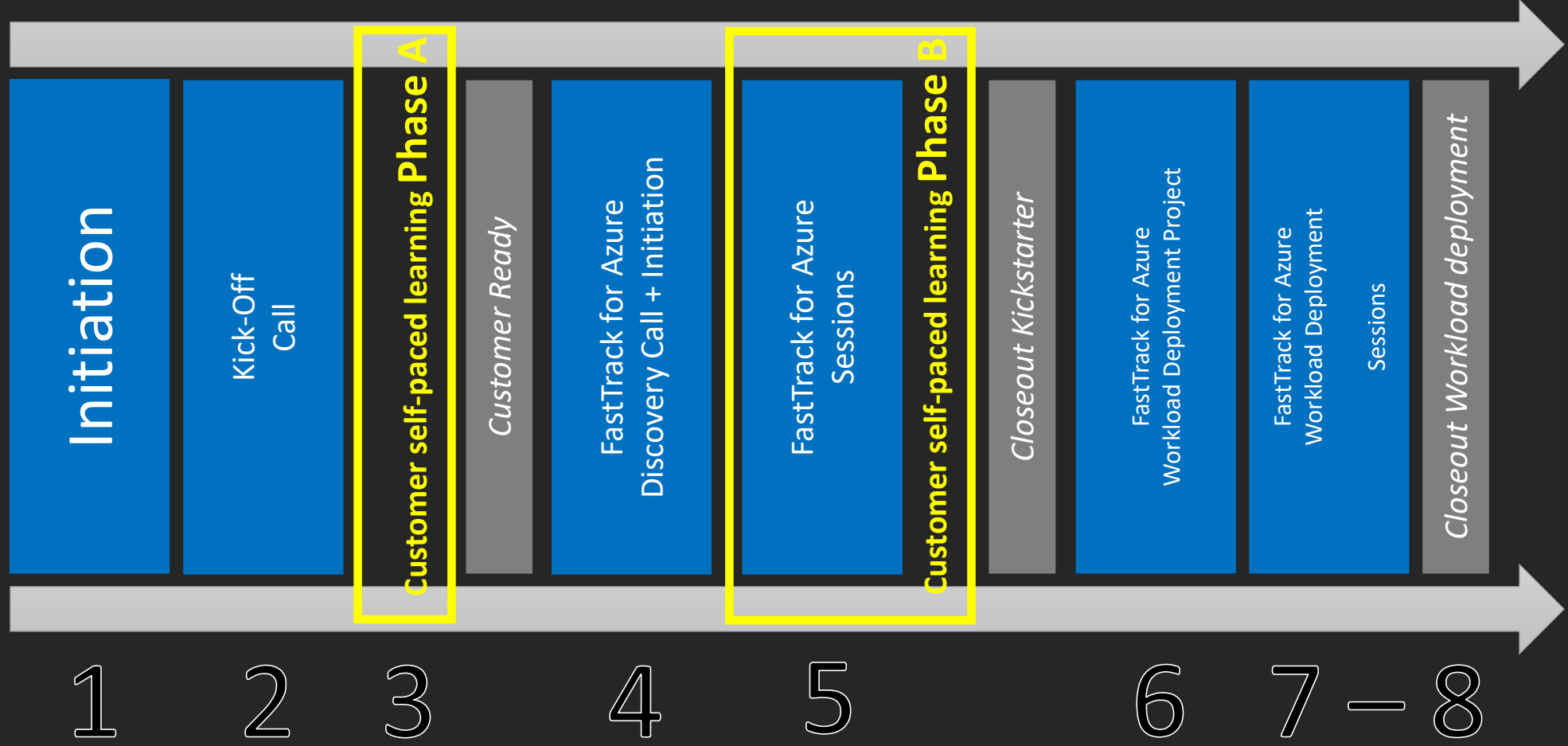


Prerequisites ? - Important Note

Important: To ensure full value of the Kickstarter, your Azure Stack Hub system and engineering Team must meet the following criteria:

- Azure Stack Hub hardware configured and registered
- Networking connectivity / DC integration / PIP assignments / DNS are all tested
- No active support issues
- There is a series of readiness pre-work which we need you to complete in order to be efficient with the Kickstarter engagement. We need your commitment to make good use of the self-paced learning **Phase A** and **Phase B** throughout the program.

Kickstarter Milestones



Customer / Kick-Off & Technical Discovery

Stage

1

You've been nominated for Azure Stack Hub Kickstarter by your Account Team

Initiation:

We engage on the Azure Stack Kickstarter on nomination basis. This happens through your Microsoft Account Team.

Azure Stack Hub Kickstarter is delivered through Microsoft FastTrack for Azure. A customer success oriented, free of charge engineering organization within Microsoft. Roles and responsibilities during this Kickstarter engagement are outlined on following slides.

During initiation of this Kickstarter, you'll be provided all the available self-paced learning materials. For your reference, these materials are also outlined on slides further down the deck.

2

Kick-Off of self-paced learning tracks through your Account Team/ FastTrack & Product Group

3

Engagement and Introduction of FastTrack Lead Engineer

**Customer to confirm "ready" with self-study material*

Your self-paced learning **Phase A**

Check-Point 1

4

Initial Technical Discovery/Checkpoint through FTA Engineering

During this initial Check-Point we're **onboarding your Azure Stack Hub Lead-Engineer** to the Kickstarter, **define / confirm the scope** of the Kickstarter engagement and create **transparency on the business case** supporting deployment of Azure Stack Hub. We'll also start to plan out Q&A and individual deep-dive sessions on topics and questions resulting from "self-paced learning **Phase A**"

Phase A – Your Technical Learning

Review any operational topics your team is not familiar with. Nine hours total video from the [Azure Stack YouTube channel](#):

- a) M01a What Is Azure Stack
- b) M02b Azure Stack Deployment Prerequisites
- c) M02d Azure Stack Integration
- d) M02e Installing Azure Stack Development Kit
- e) M03a Azure Stack Identity
- f) M03b Azure Stack Security
- g) M04c Azure Resource Manager Templates
- h) M05a Azure Stack Offers and Plans

- a) M05b Azure Stack Marketplace
- b) M06a Azure Stack Hub Virtual Networking
- c) M06b Azure Stack Storage
- d) M06c Azure Stack Compute
- e) M07a Azure Stack PaaS Concepts
- f) M07b Azure Stack SQL Server and MySQL Server RP
- g) M07c Azure Stack App Service RP



Customer Sessions & Workload Deployment

Stage

5

Spin off / Technical Deep-dive Sessions

Sessions planned with FTA lead engineer to get to an “ready to deploy” / “infrastructure ready state”
These sessions are planned jointly with your Lead engineer along with Q&A on the self-paced learning content in Phase B.

We’re planning to cover topics within a maximum 4-5 dedicated sessions of ~1.5 hours.

6

Define Workload Project

In context of the Kickstarter engagement, we’re aiming to deploy an initial workload with you.
By reaching **Stage 6** we’re aiming to have a clear definition of this workload and its dependencies in place in order to progress with specialized engineering resources from FastTrack for Azure to make this initial deployment a success.

Your self-paced Learning **Phase B**

Check-Point 2

7

Workload Engineer Introduction

We’ll support you as per our globally standardized FastTrack for Azure engagement model to deploy an initial workload onto Azure Stack Hub . [FastTrack for Azure – Benefits and FAQ | Microsoft Azure](#)
This will potentially imply additional technical subject matter experts driving the actual workload deployment (IOT / Data ...) while your Azure Stack Hub Kickstarter lead engineer will remain engaged in the background to cover in case of Hub specific aspects.

8

Deploy initial Workload

Closeout

Ready

Closeout of Kickstarter and Workload deployment will be driven by your FastTrack for Azure Program manager covering the admin vectors of the engagement end-to-end.

Phase B – Your Technical Learning

Review any operational topics your team is not familiar with. Six hours total video:

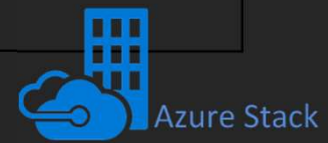
- a) M08b Azure Stack Control Plane Monitoring
- b) M08c Azure Stack Infrastructure PNU
- c) M09a Azure StackLicensing
- d) M09b Azure Consistent Billing
- e) M09c Azure Stack Troubleshooting and Support
- f) M10a Azure Stack BCDR
- g) M11a Azure Stack Hybrid Applications Intro
- h) M12 Azure Stack Disconnected Scenarios

All the content is found starting with
<https://github.com/Azure-Samples/Azure-Stack-Hub-Foundation-Core/tree/master/ASF-Training>

..from there you will see the videos
(<https://aka.ms/azsasfvideos>)

..the slides (<https://github.com/Azure-Samples/Azure-Stack-Hub-Foundation-Core/tree/master/ASF-Training/ASF-slides>)

..and the labs (<https://aka.ms/azshlab>).



Highly Recommended Reading and Labs

Azure Fundamentals

- Administer infrastructure resources in Azure: <https://docs.microsoft.com/en-us/learn/paths/administer-infrastructure-resources-in-azure/>
- Azure fundamentals: <https://docs.microsoft.com/en-us/learn/paths/azure-fundamentals/>
- Basic Understanding: PowerShell, ARM Templates, Desired State Configuration (DSC):
 - <https://docs.microsoft.com/en-us/learn/>
- Azure Stack Hub Operator Labs: <https://aka.ms/azslabs> (these should be done in an ASDK)
- Azure Stack Hub AppServices Lab: <https://github.com/Microsoft/MCW-Azure-Stack> (if applicable)
- Azure Stack Hub Exam (minimally review, ideally take)
 - [Azure Stack Hub Operator certification - Az-600 - Microsoft Tech Community](#)

Note: at least review the Skills Measured and have a good understanding of those topics

Additional:

- Review Information
 - Azure Stack Hub operator documentation - <https://docs.microsoft.com/en-us/azure-stack/operator/?view=azs-1908>
 - Azure Stack Hub IaaS blog series (10 parts): <https://azure.microsoft.com/en-us/blog/azure-stack-iaas-part-one/>
- Azure Stack Hub Learning Path (free online with Pluralsight) training courses:
 - 1-hour big-picture overview: <https://www.pluralsight.com/courses/microsoft-azure-stack-big-picture>
 - Azure Stack Hub Planning and Operations: <https://www.pluralsight.com/paths/microsoft-azure-stack-planning-and-operations?aid=7010a000001xDURAA2>
 - 4 courses (beginner, intermediate & advanced)
 - 1 Skill IQ test
- Free online (recorded) Azure Stack Hub conference sessions: <http://aka.ms/AzSlgnite2018>



Kickstarter Scope



Customer Name			Customer GEO	
Customer Business Case				
Customer main Workload(s) to be deployed on ASH			Connected or disconnected scenario	<input type="checkbox"/> connected <input type="checkbox"/> disconnected
Customer Subscription ID			Hardware Partner	
Customer Project Team	Email/Name A B C	Role A B C	Hardware Deployment State	<input type="checkbox"/> purchased / shipped <input type="checkbox"/> in deployment <input type="checkbox"/> deployed
Timelines / Deadlines (& reasoning)			Hardware vendor Support (contract) in place ? Microsoft Support contract/agreement in place ?	
Any current / support relate issues that are being worked on with partner / MS Support ?			Number of Cores/Nodes to be deployed	
			Build / Version deployed	
Documentation (attach if available)	<input type="checkbox"/> Infrastructure / Architecture/ Network documentation in place (attach) <input type="checkbox"/> Post-Deployment Worksheet (provided by Hardware/Deployment Partner)			

Kickstarter Agenda

Start Date		End Date	
Spin Off Sessions:			
Session 1			
Session 2			
...			

Questions ?

