



NEWS IN IFS LIFECYCLE EXPERIENCE

IFS CLOUD 21R1



PASSION LED US HERE





IFS LIFECYCLE EXPERIENCE ESSENTIALS

IFS CLOUD 21R1

NEWS IN IFS LIFECYCLE EXPERIENCE

OVERVIEW

IFS LIFECYCLE EXPERIENCE

- Introduction [>>](#)
- Technical Overview [>>](#)

The background of the slide is a composite image. The upper portion shows a city skyline at night, with numerous skyscrapers illuminated. Overlaid on this skyline is a network of glowing blue lines that form a series of interconnected arcs and straight paths, suggesting a global or digital network. The lower portion of the slide is divided into two horizontal bands: a red band containing the text 'IFS LIFECYCLE EXPERIENCE' and a purple band containing the word 'INTRODUCTION' in large white letters.

IFS LIFECYCLE EXPERIENCE

INTRODUCTION

IFS LIFECYCLE EXPERIENCE

SOLUTION LIFE-CYCLE

IFS Lifecycle Experience

everything that happens to our application after the product has been released by IFS.

- Explore and capture new options to leverage current and future IFS solutions.

- Track usage
- Capture feedback
- Monitor

EXPLORE

USE

IFS
Lifecycle
Experience

DEFINE

- Defining a solution built with the application.
- Define customizations.

BUILD

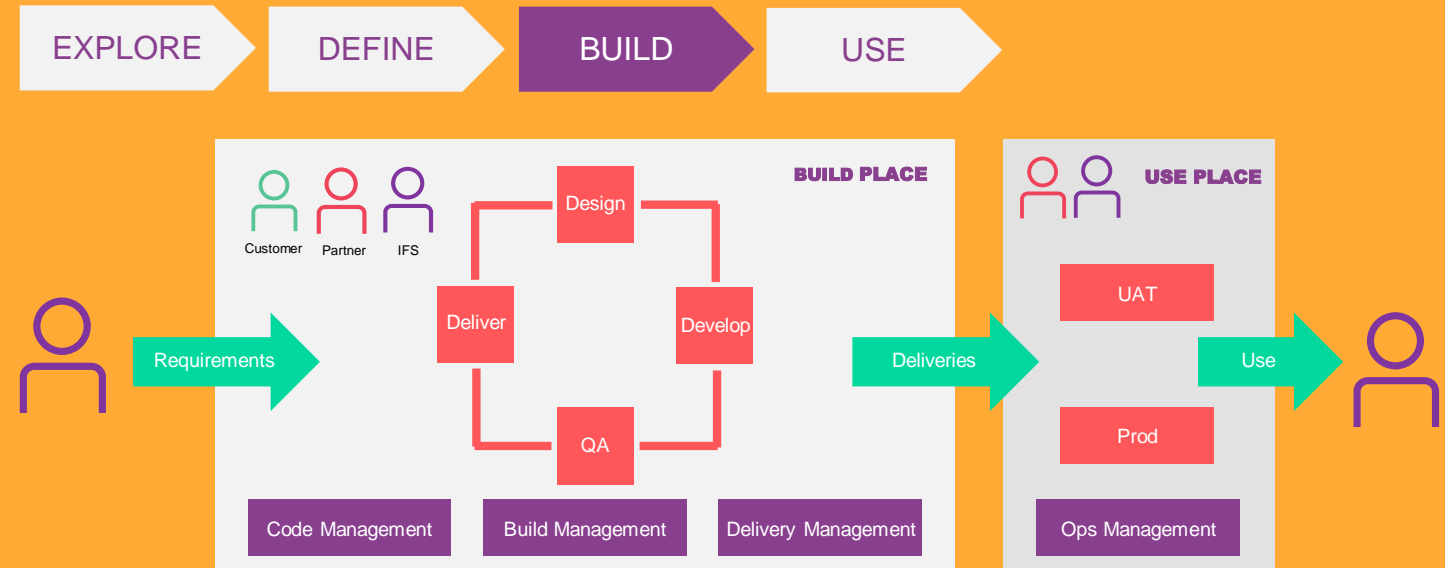
- Develop
- Quality Assure
- Deliver
- Code management

OVERVIEW

CLOUD BUILD-PLACE

THE CLOUD BUILD-PLACE IS THE FIRST DELIVERABLE OF THE ALE PROGRAM

1. Implement end-to-end DevOps
2. Simplify the way customers access innovation
3. Empower our customers freely partners
4. Shift the ownership of customer build-place to the customer



THIS IS A

MINDSET CHANGE

Apps10 BUILD-PLACE

- On premise
- IFS owns and manages build-place
- IFS grants access to partners / IFS Consulting and IFS Support
- Development tools hosted in Citrix
- GSD applies updates and patches directly into build place
- The customer solution DEV or BnT systems are available when ever we need them

CLOUD BUILD-PLACE

- Cloud-based
- Customer owns build-place, and decides who can access it
- Development tools downloaded to local developer workstation
- No persistent DEV or BnT systems, systems are short lived and on-demand
- We don't have copies of customer data in the Cloud Build-place, only scripted test data

CLOUD BUILD-PLACE INITIAL RELEASE

- Deliver a cloud-hosted solution/service for customers to implement, quality-assure and support customizations on IFS 2020R1 and beyond
 - The customers may choose to engage a partner or IFS consulting to work on their behalf.
- IFS will offer the 'build place' as a service hosted and managed by IFS, the customer remains in control, capturing all relevant customer solution information in a central repository
- Mandatory component of IFS Cloud 21R1



SOLUTION OVERVIEW



DEVELOPER WORKSTATION

INTERNET

AZURE AD



Tools



Documentation



Community



DEVELOPER.IFS.COM



Customer
Solution Technicians

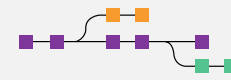


Customer
Admin

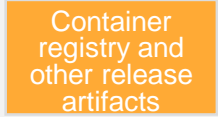


Developers
/ Testers

IFS LIFECYCLE EXPERIENCE PORTAL



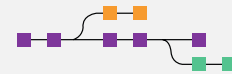
IFS Releases



MASTER
RELEASE REPOSITORY



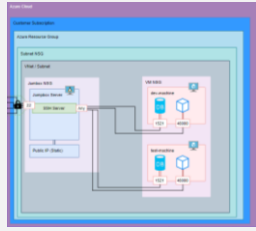
Build Pipelines



Customer Solution Repository
AZURE DEVOPS SERVICES



Deliveries



AZURE VMS & STORAGE

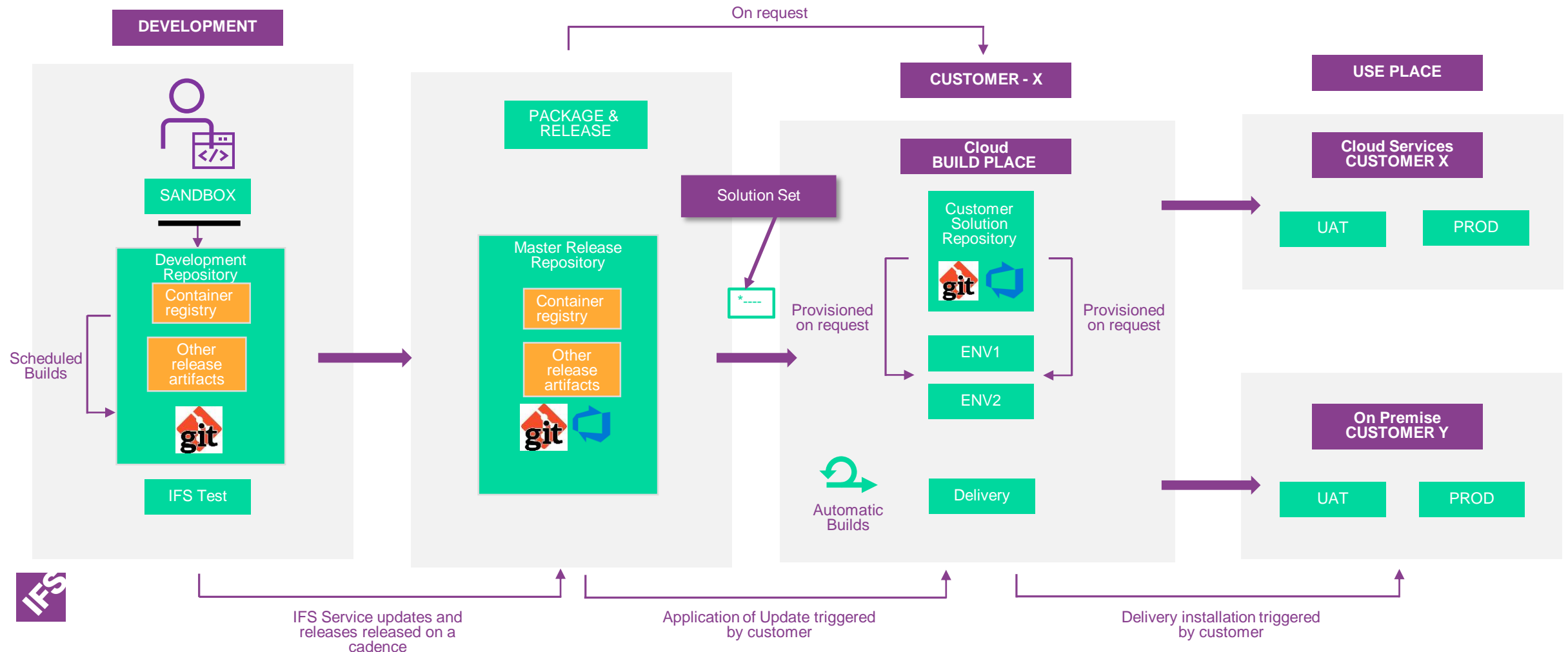
The background of the slide is a nighttime photograph of a city. In the foreground, a blue and white high-speed train is traveling on an elevated track. To the left of the train, there are long-exposure light trails from cars on a highway, showing streaks of yellow and white. In the background, a large, brightly lit airport terminal with a curved roof is visible, along with other city lights and a control tower in the distance.

IFS LIFECYCLE EXPERIENCE

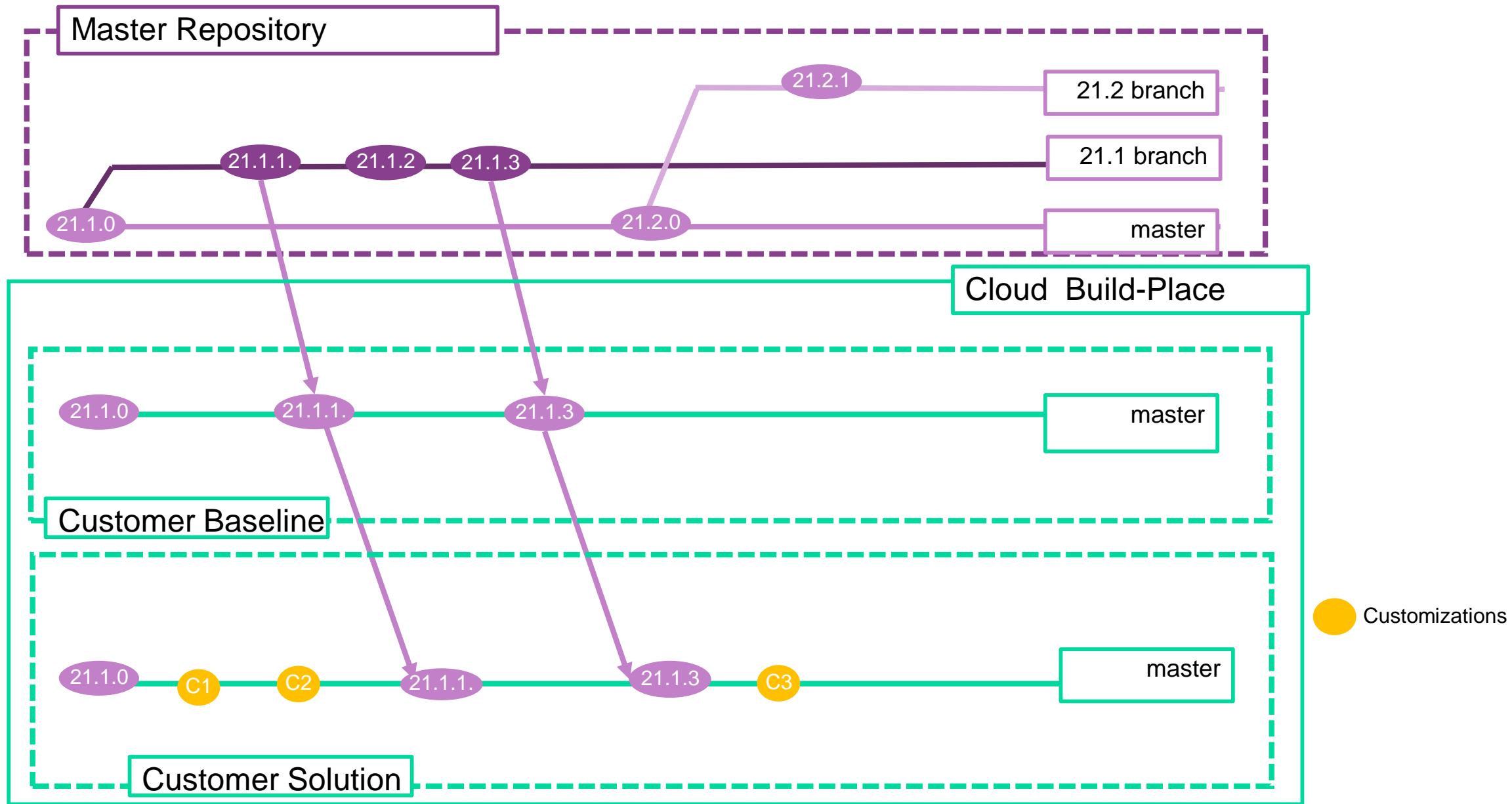
TECHNICAL OVERVIEW

CUSTOMER SOLUTION DEVELOPMENT

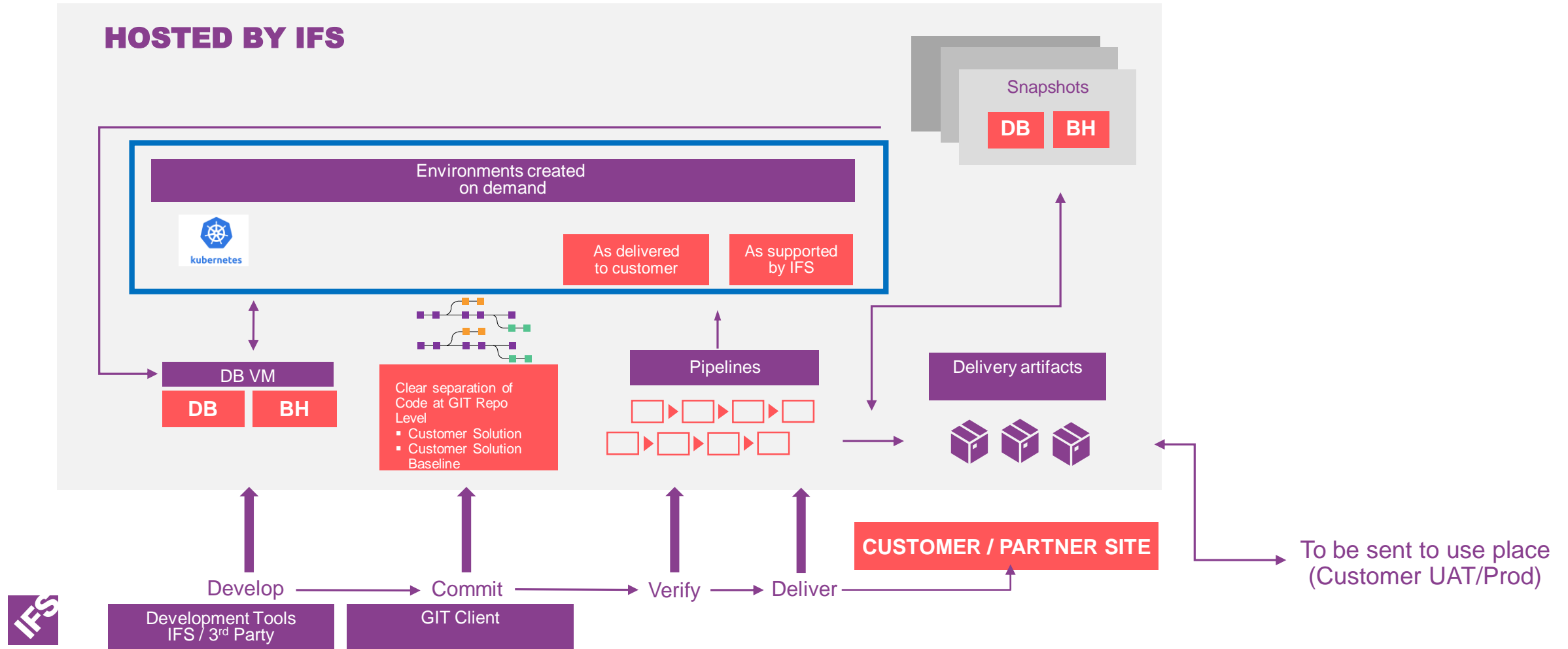
END-2-END IFS CLOUD 21R1



REPOSITORY STRUCTURE



CLOUD BUILD- PLACE ARCHITECTURE




PREREQUISITES

- Working proficiency in GIT
- IFS Development tools, can be downloaded from the [IFS Developer Portal](#)
- 3rd Party Software required for Customer Solution Development on IFS Applications.

CLOUD BUILD-PLACE

MORE INFORMATION

IFS Cloud Technical Documentation – docs.ifs.com

 IFS Cloud Technical Documentation

IFS Cloud 21R1

Generate Navigator OnlineDoc

- › IFS Framework Overview
- › IFS Installation Guide
- › IFS Administration & Configuration Guide
- ▲ IFS Development Guide
 - ▾ IFS Lifecycle Experience
 - › Developer Workflows
 - › Technician Workflows
 - › User Interface
 - › Integration
 - › Operational Report Development
 - › Business Reporting & Analysis Specific Development
 - › Base Server Development
 - Core Server
 - › Development Tools
 - › IFS Cloud Business Components
 - › All Reference Manuals

The main components of the IFS Lifecycle Experience Solution are;

IFS Cloud Master Repository This consists of all IFS Cloud core releases.

IFS Developer portal published on 'developer.ifs.com ' Customer Solution Developers will download IFS Developer tools required for development on IFS Cloud from the developer portal to their local workstations.

Azure DevOps Services This consists of Azure repositories and Azure pipelines which are used for code management, build management and delivery management of the customer solution.

Azure Resources This comprises of self provisioned Azure VMs consisting of IFS Cloud 21R1 Environments ordered by the users of the IFS Lifecycle Experience solution. The environments can be provisioned from different stages of the customer solution code base as requested by the user. A single azure resource group will be created per customer solution. It also consists of Azure Storage services used for storing Artifacts and deliveries of the customer solution.


IFS LifeCycle Experience Portal This portal will be used by the users of the system. Administrators will use the portal to setup, manage and decommission customer solutions. End users will use this portal to trigger actions related to Customer solution development. Applying Service Updates released by IFS and Investigate support issues related to software faults in the underlying product hosted in the solution.

Authentication to all of the above components is managed through the IFS Azure Active Directory (Azure AD). The 3 components - Azure Dev Ops Services, Azure Resources and the IFS Lifecycle Experience User Portal together forms the Customer Solution Cloud Build Place.

User Authorization of the System

IFS Lifecycle Experience Portal

When logging into the IFS Lifecycle Experience Portal, initially the user will be redirected to the IFS Azure Active directory login page to log into the portal. The User can log into the portal using his/her credentials which have been previously registered with IFS





#forthechallengers