SAP Activate and Focused Build
Working Together – In Detail
June, 2020
**Summary**

**SAP Activate**
... supports adoption of business innovation with an integrated and solution-specific content, methodology and tools.
- Business Processes Delivered Ready to Run
- Clear and prescriptive Methodology
- Apps for Adoption and Extensibility

For Innovation with SAP S/4HANA and other SAP solutions


**Focused Build with SAP Solution Manager**
... supports customers with a seamless, tool-based, ‘Requirements-to-Deploy’ process to manage the requirements and software development in agile innovation projects.
- Focused Build is delivered as a standard solution, with features and processes fully integrated into SAP Solution Manager 7.2
- It also provides some additional solution build functions.
- SAP delivered standard Focused Build training can significantly reduce project team training costs.


---

**Focused Build with SAP Solution Manager supports the execution of SAP Activate with a specific focus on go-live innovations with SAP S/4HANA (Any Premise) and SAP S/4HANA Cloud, extended edition.**
Project Phases with SAP Activate, and Focused Build with SAP Solution Manager

**Phases of Release Cycle**
- Create
- Prepare
- Build Test
- Deploy
- Hypercare

**Continuous Innovation**
- Operate, Maintain, Support, Innovate
- Onboard Users and Deploy
- Migrate, Integrate, Extend, Test
- Solution Realization
- Release Planning
- Design
- Fit-to-Standard Analysis
- Setup and Enablement
- Discovery Assessment

**SAP Solution Manager**
- Import Standard
- System Preparation
- Team Enablement
- Agile Development

**Focused Build**
- Process Management
- Capture & Approve Requirements (Backlog)
- Solution Design Documentation

**Release Management**
- Functional Integration Test + Regression Test
- Support of Urgent and Standard Changes in Hypercare and Operations
- Single Track Landscape - ‘Fix Pace’
- Dual Track Landscape – ‘Fix Pace’ > ChaRM

**Project Management**
<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>SAP Activate and Focused Build with SAP Solution Manager; Supported Transition Scenarios; Elements of SAP Activate; The Six Characteristics of SAP Activate supported by Focused Build</td>
</tr>
<tr>
<td>Phases, Releases, Waves and Sprints</td>
<td>Discuss the alignment of time-based items in SAP Activate and Focused Build with SAP Solution Manager</td>
</tr>
<tr>
<td>Phase Overviews and Focused Build</td>
<td>Short phase overviews indicating impact on each from Focused Build with SAP Solution Manager</td>
</tr>
<tr>
<td>Workstreams and Focused Build</td>
<td>A look at how the Workstreams of SAP Activate are supported by Focused Build with SAP Solution Manager, with specific focus on the workstreams of ‘Application Design &amp; Configuration’, ‘Testing’, and ‘Project Management’</td>
</tr>
<tr>
<td>Additional Information</td>
<td>Special topics for a SAP Activate programme/project using Focused Build not covered in detail on the Workstream slides.</td>
</tr>
<tr>
<td>Detailed Workflows using Focused Build</td>
<td>The detail Workflows using Focused Build with SAP Solution Manager helps to understand the status values and connectivity between objects such as: Requirements; Work Package; Work Item; Tests; Defect; Defect Correction; …</td>
</tr>
<tr>
<td>FAQs and Sources of Further Information</td>
<td>Some FAQs from teams, Sources of Further information, and a list of other links to SAP Activate and Focused Build materials.</td>
</tr>
</tbody>
</table>

**Focused Build with SAP Solution Manager supports the execution of SAP Activate**
Introduction to SAP Activate and Focused Build

- Indicating how Focused Build with SAP Solution Manager supports the following: Activate Transition Scenarios; Elements of SAP Activate; The Six Characteristics of SAP Activate.
SAP Activate …
… supports adoption of business innovation with an integrated and solution-specific content, methodology and tools.

- Business Processes Delivered Ready to Run
- Clear and prescriptive Methodology
- Apps for Adoption and Extensibility

For Innovation with SAP S/4HANA and other SAP solutions


Focused Build with SAP Solution Manager …
… supports customers with a seamless, tool-based, ‘Requirements-to-Deploy’ process to manage the requirements and software development in agile innovation projects.

- Focused Build is delivered as a standard solution, with features and processes fully integrated into SAP Solution Manager 7.2
- It also provides some additional solution build functions.
- SAP delivered standard Focused Build training can significantly reduce project team training costs.


The tool based Focused Build with SAP Solution Manager, provides a defined ‘Requirements-to-Deploy’ process, and is a key component of the SAP Activate ‘tools’ element, with a specific focus on go-live innovations with SAP S/4HANA (Any Premise) and SAP S/4HANA Cloud, extended edition.
Transition Scenarios (for Go-Live with SAP S/4HANA using SAP Activate)

SAP Activate supports different transition scenarios for customers adopting SAP S/4HANA and provides dedicated solution specific Methodology, Content and Tools (as shown below).

Focused Build is targeted on supporting the following Transition Scenarios to SAP S/4HANA:

- **New Implementation of SAP S/4HANA (any premise)**
- **New Implementation of SAP S/4HANA Cloud, extended edition** *

**NOTE**

- The functionality of Focused Build with SAP Solution Manager can also be considered to support the Transition Scenarios:
  - **New Implementation (to other SAP solutions)**
  - **System Conversion to SAP S/4HANA**
  - **Selective Data Transition to SAP S/4HANA**

- SAP Cloud ALM tool primary target is at supporting New Implementation of SAP S/4HANA Cloud, essentials edition (but will also support other solutions)

* Need existing on-premise license or Cloud license addendum
Go Live with SAP S/4HANA using SAP Activate

**Summary View**

**SAP S/4HANA Cloud**

- **SAP S/4HANA Cloud, essentials edition**
  - SAP Activate methodology for SAP S/4HANA Cloud
  - New Implementation

- **SAP S/4HANA Cloud, extended edition**
  - SAP Activate methodology for SAP S/4HANA Cloud, extended edition
  - New Implementation

- **SAP S/4HANA (Any Premise)**
  - SAP Activate: Transition to SAP S/4HANA
    - New Implementation,
    - System Conversion,
    - Selective Data Transition

---

**Apps for Adoption and Extensibility**

- Guided Configuration in the SAP S/4HANA Cloud application
- SAP Cloud ALM
- Automated test tool and content
- Rapid Data Migration

**Business Processes Delivered Ready to Run**

- SAP Best Practices for SAP S/4HANA Cloud
- Admin ERP
- Two-Tier

- Enterprise Management Layer for SAP S/4HANA Cloud, extended edition
- SAP Best Practices for SAP S/4HANA
- SAP Model Companies for SAP S/4HANA

- Implementation Guide (IMG) inside SAP S/4HANA based on results of Fit-to-Standard Analysis workshops
- SAP Solution Manager 7.2 with Focused Build
- Rapid Data Migration

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC
Elements of SAP Activate

There are three elements of SAP Activate:

- **Methodology**
- **Content**
- **Tools**

Focused Build with Solution Manager supports the elements of SAP Activate:

- **Methodology** – the standard ‘requirements-to-deploy’ process is aligned with Phases and workstreams of SAP Activate (with significant support for ‘Project Management’, ‘Application Design & Configuration’, and ‘Testing’).

- **Content** – import of standard solution content (process structures /diagrams /documents) in PREPARE phase and use in EXPLORE, connected to work in REALIZE and DEPLOY to support efficient application support of the implemented solution during RUN.

- **Tools** – the standard delivered tool-based ‘requirements-to-deploy’ process is central to the Application Lifecycle Management (ALM) powered by SAP Solution Manager referenced in SAP Activate.
Key Elements Driving Successful Deployment

Working together to simplify, streamline and automate deployment

- **Ready-to-run processes with process documentation**
  SAP Best Practices and SAP Model Company

- **Prescriptive, step-by-step deployment guidance for project teams**
  SAP Activate Methodology

- **Powerful integrated tools for configuration, deployment and run**
  Powered by SAP Solution Manager
Key Characteristics of SAP Activate

SAP Activate has six Key Characteristics:

1. Based on Ready-to-use Content
   - Use business process Best Practices and Accelerators

2. Cloud Ready
   - Leverage the flexibility and speed of the cloud

3. Delta-based
   - Validate solution based on sandbox, capture delta

4. Scalable, Modular and Agile
   - Structure project to deliver the solution incrementally

5. SAP Engagement Ready
   - Empower Project Team with Vendor knowledge

6. Quality Built-In
   - Use Quality Gates to drive acceptance

Focused Build supports the six Key Characteristics of SAP Activate:

1. **Ready-to-Use Content** – import of standard business processes & documentation; SAP delivered training in Focused Build

2. **Cloud Ready** – demo system; open SAP training course

3. **Delta-Based** – supports ‘fit-to-standard’ with standard delivered ‘requirements-to-deploy’ process

4. **Scalable, Modular and Agile** – support single or multiple release/waves/sprints on an agile approach starting with requirements (user stories)

5. **SAP Engagement Ready** – related services available starting with install/setup and Focused Build Coach

6. **Quality Built-In** – Supporting the 10 SAP Quality Principles for implementations (see later slide) and Q Gates part of the ‘requirements-to-deploy’ process
10 SAP Quality Principles: Ensuring Successful Implementations

Supported by Focused Build with SAP Solution Manager

1. Anchor business value in the project
2. Start scoping early
3. Cooperate with stakeholders and use a proper governance model
4. Ensure timely delivery and effective tracking
5. Staff project with sufficient, competent, and motivated people
6. Apply appropriate methodology and plan for quality
7. Identify and manage risks and issues throughout the project
8. Exploit standard functionality and delivery best practices
9. Achieve production readiness
10. Use organizational change management to transform business

Business Value Points can be assigned to each Requirement
Use of Cloud Appliance Library (CAL); options to import content
Project Responsibilities mapping to defined Focused Build Roles
(Business Analyst, Solution Architect, Project Manager, Release Manager, Test Manager, …)

Process Structures, Diagrams, offline process viewer, … support the OCM team
Release Management approach and Dashboard

Phase and Milestone based Project Management functionality and Solution Readiness Dashboard
Project Team Training materials delivered by SAP Focused Build Coach
Focused Build for variety of SAP Activate Roadmaps and Transition Scenarios

Detailed presentations on each principle are available in English on SAP Quality Awards official global site.
Phases, Releases, Waves and Sprints

- Discuss the alignment of time-based items in SAP Activate and Focused Build with SAP Solution Manager
Project Phases with SAP Activate

Continuous Innovation

- Discovery Assessment
- Setup and Enablement
- Fit-to-Standard Analysis
- Design
- Release Planning
- Solution Realization
- Migrate, Integrate, Extend, Test
- Onboard Users and Deploy
- Operate, Maintain, Support, Innovate

Go-Live
Project Phases with SAP Activate, and Focused Build with SAP Solution Manager

**Phases of Release Cycle**
- Discover
- Prepare
- Explore
- Realize
- Deploy
- Run

**Continuous Innovation**
- Handover to Release
- Release Management
- Single Track Landscape - ‘Fix Pace’
- Dual Track Landscape – ‘Fix Pace’ > ChaRM

**Project Management**

**SAP Solution Manager**
- Import Standard
- Process Management
- Planning
- Release WPs to Wave WIs to Sprint
- Sprint Execution
- With Unit Test per WI
- Single Functional Test per WP
- Acceptance Test end of Wave

**Focused Build**
- System Preparation
- Capture & Approve Requirements (Backlog)
- Solution Design Documentation
- Agile Development
- Functional Integration Test + Regression Test

**Team Enablement**

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC
Release Cycle

- Release Management to synchronize projects and keep them under control
- Each ‘Release Cycle’ will be built, tested and moved to ‘production’
- The work (WP and WI) are assigned and delivered in a ‘Release Cycle’.
- Following the last WAVE testing in the QAS landscape, the scope of the ‘Release Cycle’ is confirmed; once the ‘BUILD’ phase of the ‘Release Cycle’ is entered WP and WI can not be changed and no more new WP can be assigned to the release, just Defect Corrections.
- There are different Phases of a release to help manage the assigned work and transports
  - PREPARE – the development of the release content takes place with testing of Work Items (Unit Test) and of Work Packages (SFT); at the end of a WAVE a (Business) Acceptance Test will be performed (confirming captured ‘Requirements’ are delivered in the Wave); the main phase for the project.
  - BUILD - the content of the release will be finally defined, by setting the status, on selected Work Packages (WP), to ‘Handed over to Release’. (Note. Point of NO RETURN for the Transports in these WP)
  - TEST – the testing of the release takes place; this final release test needs the entire package to be validated and tested for functional and technical correctness before import to the Production environment. (The final tests usually includes Integration and Regression Tests)
  - PREPARE FOR DEPLOY – preparation steps to perform the cutover into production system need to be done
  - DEPLOY – the actual technical cutover of the entire release into the production environment; the content of the release package will be calculated automatically by SAP Solution Manager and imported in the correct sequence.
  - HYPERCARE – for incident resolution during post go-live support, prior to moving to the phase OPERATION when indicating the release is now productively operated.

Phases of
Release Cycle  
Create ➔ Prepare ➔ Build ➔ Test ➔ Deploy ➔ Hypercare

- Test In QAS*
- Build In DEV
- Handover to Release
- Test In PR*
- Deploy and Operate in PRD

* Test Landscape shown is for SAP S/4HANA (any premise)
Transparent Requirements-to-Deploy
Incremental Deployment with constant Feedback Loops with the Business

**Releases** synchronize project go-lives and ensure continuous delivery and integration.

**Project** to bundle deliverables. Multiple and parallel projects are possible.

**Phases** ending with **Quality Gates**
Short prepare and scope, incremental build

**Waves** ending with **Touch and Feel**
by the business (~ 8-12+ weeks)

**Sprints** with **Show and Tell** sessions to the business (~ 2-4 weeks)
Example of Project Structure

Build Project for Waterfall Approach

Project structure sample with 1 wave and 1 sprint

Wave 1
- Functional Specification Released
- Single Func. Test Completed
- (Work Package) Build Finished

Sprint 1
- Technical Design Released
- Unit Test Completed (Work Item)
- (Work Item) Build Started
- (Work Item) Build Completed

Acceptance Test
- Functional Int. Test (Optional)

Handover to Release

Note.
- Freedom to create own Test Plan names, but delivered 'Test Classification' values align with the documentation, and Solution Readiness Dashboard references the 'Single Functional Test'
- (Note. Point of NO RETURN for the Transports in these WP)
Example of Project Structure
Build Project for Agile development of a single release

**Project structure sample with 1 waves, of 3 sprints**

**Phases of Release Cycle**
- Prepare
- Explore
- Realize
- Build
- Test
- Deploy
- Run
- Hypercare

**Project Phases**
- Prepare
- Explore
- Realize
- Deploy
- Run

**Wave 1**
- Single Functional Test
- Functional Spec released/available
- Work package (WP) completed
- Build completed
- Single Functional Test (SFT) completed

**Sprints**
- Sprint 1
- Sprint 2
- Sprint 3

**Milestones**
- Tech. Design Released
- Build Started
- Build Completed (WI)
- (WI) Unit Test Completed

**SFT**
- Single Functional Test

**Acceptance Test (AT)**
- Functional Integration Test (Final)
- Regression Test

**Prepare**
- Explore
- Realize
- Deploy
- Run

**Explore**
- Realize
- Deploy
- Run

**Realize**
- Deploy
- Run

**Deploy**
- Run

**Run**
- Hypercare

**Hypercare**

(Note. Point of NO RETURN for the Transports in these WP)

**Phases of Release Cycle**
- Prepare
- Explore
- Realize
- Build
- Test
- Deploy
- Run
- Hypercare

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC
Example of Project Structure
Build Project for Agile development of a single release

Project structure sample with 2 waves, of 2 sprints

Wave 1
- FS Released
- Single Functional Test
- SFT Finished
- Unit Test

Wave 2
- AT1
- FIT1 (Optional)
- SFT Completed
- WP Build Completed
- Unit Test

Phases of Release Cycle
- Prepare
- Explore
- Realize
- Build
- Test
- Deploy
- Hypercare

Wave Milestones
- FS Released
- SFT Completed
- WP Build Completed
- AT1
- FIT1 (Optional)
- SFT Completed
- WP Build Completed
- AT2
- FIT2 (Optional)

Sprints
- Sprint 1
- Sprint 2

Tech. Design Released
- Build Started
- Build Completed (Wl)
- (Wl) Unit Test Completed

Handover to Release
(Note. Point of NO RETURN for the Transports in these WP)
Requirements based Test Approach

All Test Types

- SBX
- DEV
- QAS
- PRE**
- PRD

Definition and Specification → Implementation and Configuration → Functional Tests → Process Tests → PRD use

- Requirements
- Work Packages (Functional Specification)
- Work Items (Technical Design)
- Unit Test
- Single Functional Test
- (Business) Acceptance Test
- Functional Integration Test (Final)
- Regression Tests (Optional)
- Regression Test (Final)
- Functional Integration Test (Optional)

Software Implementation and related Configuration

Handover to Release

* Excluding: Data Migration Tests; End User AT, DR; Performance Tests, ... Technical System Tests

** Pre-Production (PRE) is not available in SAP S/4HANA Cloud, extended edition – so the test system landscape changes (Process Tests of a Release on QAS and earlier tests on DEV)
Phase **Overviews**

- Short phase overviews indicating impact on each from Focused Build with SAP Solution Manager
SAP Activate for S/4HANA Cloud, extended edition 1909
**PREPARE** *impact on phase from Focused Build with SAP Solution Manager*

### Plan your implementation project
Initiate and plan your deployment, including quality and risk planning. Set up your starter system environment with SAP Best Practices and ready-to-run processes.

### Build your success with critical phase priorities
- Select your team, support user enablement, and onboard your users
- Follow the [starter-system provisioning process](#) to confirm your infrastructure, receive initial systems, and provide access to critical systems
- Answer the [Business Driven Configuration questionnaires](#) and schedule [Fit-to-Standard workshop](#)
- [Initiate and plan your project](#) with a signed project charter, scope statement, and roles and responsibilities; access to [templates and guidance](#); and use of a [project schedule](#)
- Confirm phase completion by executing the [quality-gate checklist](#)

### Focused Build Tasks

<table>
<thead>
<tr>
<th>Role</th>
<th>Tasks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Method. &amp; Tools Coach</td>
<td>1.1 Initial configure for Solman &amp; FB of development system</td>
</tr>
<tr>
<td></td>
<td>1.2 Create FB prototype on development system</td>
</tr>
<tr>
<td></td>
<td>1.3 Create users for project team based on roles and responsibilities</td>
</tr>
<tr>
<td>Solution Architect</td>
<td>1.4 Decide on Best Practice content, e.g. Model Company, SAP Activate, etc.</td>
</tr>
<tr>
<td>Method. &amp; Tools Coach</td>
<td>1.5 Technical upload of Best Practice content</td>
</tr>
<tr>
<td>Solution Architect</td>
<td>1.6 Prepare Process Structure for Fit/Gap workshops</td>
</tr>
<tr>
<td>Project Manager</td>
<td>1.7 Project Planning</td>
</tr>
<tr>
<td></td>
<td>1.8 Create Project Baseline Build Plan</td>
</tr>
<tr>
<td></td>
<td>1.9 Issues and Risks Management</td>
</tr>
<tr>
<td>Test Manager</td>
<td>1.10 Define Test Concept</td>
</tr>
</tbody>
</table>

[Ref: Focused Build SP06 L3 role specific training](#)

---

© 2020 SAP SE or an SAP affiliate company. All rights reserved.
Perform a Fit-to-Standard analysis

Verify your solution functionalities while your system integrator explores your business. During our Fit-to-Standard workshop, you will identify the configuration and extensions that best meet your requirements.

Confirm the feasibility of your implementation

- Conduct a Fit-to-Standard analysis to review the functionality of SAP S/4HANA and identify configuration
- Take advantage of process diagrams and test scripts for your Fit-to-Standard
- Confirm phase completion with the quality-gate checklist and requesting your quality system
- Select appropriate data migration objects and prepare for data loads
- Plan for the execution of change management requirements during the project

Focused Build Tasks supporting workshops

<table>
<thead>
<tr>
<th>Role</th>
<th>Task Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Analyst</td>
<td>2.1 Run Solution Validation Workshop: Validate To Be processes</td>
</tr>
<tr>
<td>Business Analyst</td>
<td>2.2 Run Solution Validation Workshop: Document Requirements</td>
</tr>
<tr>
<td>Solution Architect</td>
<td>2.3 Approve/reject Requirements</td>
</tr>
<tr>
<td>Solution Architect</td>
<td>2.4 Track Requirement Detailed Info</td>
</tr>
<tr>
<td>Solution Architect</td>
<td>2.5 Define Build Activities based on Requirements</td>
</tr>
<tr>
<td>Solution Architect</td>
<td>2.6 Plan Release and postpone Requirements</td>
</tr>
<tr>
<td>Solution Architect</td>
<td>2.7 Staff Work Package (optional)</td>
</tr>
<tr>
<td>Project Manager</td>
<td>2.8 Check Q-Gate for Explore Phase Completed</td>
</tr>
</tbody>
</table>

Ref: Focused Build SP06 L3 role specific training
REALIZE  *impact on phase from Focused Build with SAP Solution Manager*

Create an integrated business and system environment

Configure and extend your IT landscape together with your systems integrator based on prioritized requirements captured in the “Explore” phase. Perform short, iterative cycles, with regular validation and feedback from the business. Structured testing and data migration activities, help ensure the quality of your implementation.

Build your success with critical phase priorities

- **Receive and activate** your quality system, then **request** and **receive** your production system
- Allow your system integrator to **plan and execute sprints** to **configure, extend**, and **integrate** your solution, as well as set up **output management** and **user access and security management**
- Participate in **solution walk-throughs** and **testing** conducted by your system integrator
- Cleanse legacy data and **perform data loads**
- Conduct **user training** and plan **user enablement**
- Confirm phase completion with the **quality-gate checklist**

Ref: SAP Activate JAM site ‘Road to Success’

Focused Build Tasks are detailed for

- **Plan Build**
- **Build (and Unit Test)**
- **Single Functional Test (performed per Sprint or Wave)**
- **Acceptance Test in QAS** and FIT Preparation
- **Build Release**
**REALIZE** more details of Focused Build tasks in this phase:

### Plan Build

<table>
<thead>
<tr>
<th>Role</th>
<th>Task</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solution Architect</td>
<td>3.1 Planning for build activities</td>
</tr>
<tr>
<td>Solution Architect</td>
<td>3.2 Scope and distribute work details</td>
</tr>
<tr>
<td>Project Manager</td>
<td>3.3 Track build activity status</td>
</tr>
<tr>
<td>Release Manager</td>
<td>3.4 Review and define import concept and schedule import Jobs</td>
</tr>
</tbody>
</table>

Ref: Focused Build SP06 L3 role specific training

### Single Functional Test

<table>
<thead>
<tr>
<th>Role</th>
<th>Task</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Analyst</td>
<td></td>
</tr>
<tr>
<td>Test Manager</td>
<td>3.13 Single functional test case readiness check</td>
</tr>
<tr>
<td>Test Manager</td>
<td>3.14 End of Wave: Single functional Test plan creation</td>
</tr>
<tr>
<td>Tester</td>
<td>3.15 Assign Tester</td>
</tr>
<tr>
<td>Tester</td>
<td>3.16 Execute test, and provide test evidence</td>
</tr>
<tr>
<td>Test Manager</td>
<td>3.17 Report Defect and update the status accordingly</td>
</tr>
<tr>
<td>Test Manager</td>
<td>3.18 Dispatch Defect</td>
</tr>
<tr>
<td>Solution Architect</td>
<td>3.19 Process Defect and create Defect Correction, if required</td>
</tr>
<tr>
<td>Developer</td>
<td>3.20 Process Defect Correction</td>
</tr>
<tr>
<td>Test Manager</td>
<td>3.21 Monitor Defect and Defect Correction</td>
</tr>
<tr>
<td>Tester</td>
<td>3.22 Defect retest and confirm</td>
</tr>
<tr>
<td>Solution Architect</td>
<td>3.23 Update Work Package status when all related test cases are passed</td>
</tr>
<tr>
<td>Test Manager</td>
<td>3.24 Track test progress and generate Test report</td>
</tr>
</tbody>
</table>

Ref: Focused Build SP06 L3 role specific training

### Build

<table>
<thead>
<tr>
<th>Role</th>
<th>Task</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solution Architect</td>
<td>3.5 Trigger build activities to start</td>
</tr>
<tr>
<td>Solution Architect</td>
<td>3.6 Sprint planning</td>
</tr>
<tr>
<td>Developer</td>
<td>3.7 Plan and document build activities</td>
</tr>
<tr>
<td>Developer</td>
<td>3.8 Start build activities and document changes</td>
</tr>
<tr>
<td>Developer</td>
<td>3.9 Perform Unit Test</td>
</tr>
<tr>
<td>Project Manager</td>
<td>3.10 Track project progress</td>
</tr>
<tr>
<td>Project Manager</td>
<td>3.11 Sprint review</td>
</tr>
</tbody>
</table>

Ref: Focused Build SP06 L3 role specific training

### Acceptance Test in QAS & FIT Preparation

<table>
<thead>
<tr>
<th>Role</th>
<th>Task</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solution Architect</td>
<td>3.25 AT in QAS</td>
</tr>
<tr>
<td>Test Manager</td>
<td>3.26 Check Q-Gate for Wave-Exit</td>
</tr>
<tr>
<td>Project Manager</td>
<td>3.27 Test Case Preparation for FIT in PRE</td>
</tr>
<tr>
<td>Test Manager</td>
<td>3.28 Use Test Steps for FIT Test cases</td>
</tr>
</tbody>
</table>

Ref: Focused Build SP06 L3 role specific training

### Build Release

<table>
<thead>
<tr>
<th>Role</th>
<th>Task</th>
</tr>
</thead>
<tbody>
<tr>
<td>Release Manager</td>
<td>3.29 Build Release</td>
</tr>
<tr>
<td>Solution Architect</td>
<td>3.30 Tidy up Solution Documentation</td>
</tr>
<tr>
<td>Release Manager</td>
<td>3.31 Decide on Hand-over to Release</td>
</tr>
</tbody>
</table>

Ref: Focused Build SP06 L3 role specific training
Go live with solution

Perform final preparations before cutting over to production to help ensure that your system, data, and users are ready for productive use before switching business operations to the new system.

Build your success with critical phase priorities

- Onboard new users and train more experienced users continuously with end-user enablement
- Execute your cutover plan from legacy to production system
- Ensure organizational readiness by communicating status before and after the go live, according to your organizational change-management plan
- Confirm phase completion with the quality-gate checklist

Focused Build tasks in two areas

- Technical Deployment
  - 4.1 Prepare Release for Deploy
  - 4.2 Switch Release phase to Deploy
  - 4.3 Import all changes to Production
  - Solution Architect
    - 4.4 Set final status for the Work Items
  - Release Manager
    - 4.5 Switch Release phase to Hypercare

- Hypercare
  - 5.1 Check all the open Work Packages/Items in Release Dashboard
  - 5.2 Create Request Change for Urgent Fix
  - 5.3 Validate the Request for Change and create Urgent Change
  - 5.4 Release Request Change for Approval
  - Change Manager
    - 5.5 Approve Request for Change and release for development
    - 5.6 Process urgent fix
    - 5.7 Perform unit test for urgent fix
  - Developer
    - 5.8 Deploy urgent fix to PRE
  - Release Manager
    - 5.9 Deploy urgent fix to PRD
    - 5.10 Process Standard Change

Ref: SAP Activate JAM site 'Road to Success'
Ref: Focused Build SP06 L3 role specific training
Focused Build ……

- Support changes through system landscape
  - Single landscape: Urgent and Standard Changes in Operations (‘Fix Pace’)
  - Dual landscape: ‘Standard ChaRM’ on the maintenance track and ‘Focused Build’ on the Project Track supporting further Innovation.
- Solution Information Asset population of Production, Operation and Maintenance 'Branches' ready for support;
- Definition of operation alerts for proactive performance management.

Promote user adoption across the business
Access a range of upgrades, hot fixes, and emergency fixes to help ensure your implementation of your solution operates reliably.

Ensure fast, widespread acceptance of your implementation
- Onboard new users, support user enablement, and provide continuous learning
- Determine your process to adopt upgrades with the quarterly upgrade process and upgrade schedule
- Perform routine actions to help ensure smooth system operations

Also note there is additional functionality to help in this phase from
Dual Landscape support after Go-Live*

- Maintenance track will utilize standard ChaRM
- Project track still use Focused Build

**Note:**
- ‘Fix Pace’ function must **not** be used for dual phased landscape.

**Setup retrofit automation between maintenance track and project track**
(Please follow Configuration Guide, recommend to use AUTO_TOC scenario and schedule the retrofit report daily)
Workstreams and Focused Build activity

- Workstreams split the SAP Activate methodology into logical grouping of knowledge areas; the workstreams are used to easily identify the different work areas that the project team covers; each deliverable and task in the SAP Activate hierarchy can be assigned to a single or multiple workstream.
<table>
<thead>
<tr>
<th>Workstream</th>
<th>Includes</th>
<th>Target Group Audience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Management</td>
<td>Planning, Scheduling, Governance, Controlling, Monitoring the execution of the project.</td>
<td>Programme and Project Managers.</td>
</tr>
<tr>
<td>Solution Adoption</td>
<td>Organization Change Management (OCM); Value Management (VM); End-User Training topics.</td>
<td>Organization Change Managers, Business Readiness Lead and Trainers.</td>
</tr>
<tr>
<td>Customer Team Enablement</td>
<td>Enablement of the customer project team; Standard product orientation to prepare the customer for product requirements and design discussion; Key user and admin training to prepare the customer for test case development and test execution</td>
<td>Enablement Lead and Trainers.</td>
</tr>
<tr>
<td>Application Design and</td>
<td>Confirmation of the scope; Fit-to-Standard; Identification of delta business process requirements; Functional design of the solution. (Note: This workstream includes RICEFW deliverables in On-premise deployments.)</td>
<td>Functional Consultants, Business Process Experts and Developers.</td>
</tr>
<tr>
<td>Configuration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data Management</td>
<td>Discovery, planning and execution of moving legacy data to the new system; Archiving legacy data; Cutover planning, preparation, management and execution.</td>
<td>Data Migration Experts, System Administrators and System Architect.</td>
</tr>
<tr>
<td>Extensibility</td>
<td>The design, development, and deployment of system functionality that cannot be provided by the standard product and needs to be custom developed. (Note: focus is on solution extensibility beyond the RICEFW that are covered in Design and Configuration and Integration)</td>
<td>Custom Developers.</td>
</tr>
<tr>
<td>Integration</td>
<td>Identification of integration requirements; Integration points; Integration approach Integration solution design; Setup of integration environment and middleware between the solution and any external systems.</td>
<td>Integration Implementation Experts.</td>
</tr>
<tr>
<td>Analytics</td>
<td>The design, creation, testing of the reporting and analytics inside the implemented solution; Data modelling; Data connection and integration; Stories creation; Predictive analysis’</td>
<td>Developers and Analytics Experts.</td>
</tr>
<tr>
<td>Testing</td>
<td>Test strategy; Test planning; Test case development; Test execution ( unit, integration, performance, system, regression and end user acceptance test).</td>
<td>Testing Experts.</td>
</tr>
<tr>
<td>Technical Architecture and</td>
<td>System architecture; System provisioning; Solution landscape; Technical system design; Deployment concept; Solution environment setup; Technology operations standards and process.</td>
<td>System Architect/ admin.</td>
</tr>
<tr>
<td>Infrastructure</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operations &amp; Support</td>
<td>Establishment and setting up of the helpdesk process; Incident management process; Post go-live change management process; User related operations standards and process.</td>
<td>Support Agents.</td>
</tr>
</tbody>
</table>
## Workstream Summary

<table>
<thead>
<tr>
<th>Workstream</th>
<th>Includes</th>
<th>Supported by Focused Build with SAP Solution Manager</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Management</strong></td>
<td>Planning, Scheduling, Governance, Monitoring the execution of the project.</td>
<td>Project structures (Phases w/ Q Gates, Waves, Sprints, Milestones, …); Risk &amp; Issue Management; Solution Readiness Dashboard and drill down analysis; Advanced Project and Resource Management.</td>
</tr>
<tr>
<td><strong>Solution Adoption</strong></td>
<td>Organization Change Management (OCM); Value Management (VM); End-User Training topics.</td>
<td>Change controlled Business Process structure and diagrams to assign documents, technical elements, links and attributes; project structure to track activity progress within the programme.</td>
</tr>
<tr>
<td><strong>Customer Team Enablement</strong></td>
<td>Enablement of the customer project team; Standard product orientation to prepare the customer for product requirements and design discussion; Key user and admin training to prepare the customer for test case development and test execution</td>
<td>Project and process structure to track team enablement tasks within the programme; Predefined and role specific training material to support team enablement in use of Focused Build.</td>
</tr>
<tr>
<td><strong>Application Design and Configuration</strong></td>
<td>Confirmation of the scope; Fit-to-Standard; Identification of delta business process requirements; Functional design of the solution. <em>(Note: This workstream includes RICEFW deliverables in On-premise deployments.)</em></td>
<td>Content Import to support ‘Fit-to-Standard’; process management; requirements capture; design &amp; build documents; WP/WI build &amp; unit test requirements. <em>(This includes WRICEF and Config)</em></td>
</tr>
<tr>
<td><strong>Data Management</strong></td>
<td>Discovery, planning and execution of moving legacy data to the new system; Archiving legacy data; Cutover planning, preparation, management and execution.</td>
<td>Define Master Data objects on Business Process structure; define data management process flows; WP/WI build &amp; test data requirements; Data Volume Management functionality with SolMan.</td>
</tr>
<tr>
<td><strong>Extensibility</strong></td>
<td>The design, development, and deployment of system functionality that cannot be provided by the standard product and needs to be custom developed. <em>(Note: focus is on solution extensibility beyond the RICEFW that are covered in Design and Configuration and Integration)</em></td>
<td>‘Gap’ Management for delivery of requirements classified as ‘gaps’ (delivered through custom development (Not WRICEF), S/4HANA Extensibility Framework for in-app extensions and customer use of the SAP Cloud Platform)</td>
</tr>
<tr>
<td><strong>Integration</strong></td>
<td>Identification of integration requirements; Integration points; Integration approach Integration solution design; Setup of integration environment and middleware between the solution and any external systems.</td>
<td>Requirement capture; Interface Library; interfaces in process/collaboration diagrams; WP/WI build &amp; test of integration requirements.</td>
</tr>
<tr>
<td><strong>Analytics</strong></td>
<td>the design, creation, testing of the reporting and analytics inside the implemented solution: Data modelling; Data connection and integration; Stories creation; Predictive analysis</td>
<td>Requirement capture; WP/WI build &amp; unit test requirements; Process and library structure to hold documentation.</td>
</tr>
<tr>
<td><strong>Testing</strong></td>
<td>Test strategy; Test planning; Test case development; Test execution ( unit, integration, performance, system, regression and end user acceptance test).</td>
<td>Test Preparation; Informal and formal Testing of WPs; Test Case Creation (Test Steps Designer); Test Planning; Test Execution; Defect Management; Test Analytics; Test Suite Dashboard</td>
</tr>
<tr>
<td><strong>Technical Architecture and Infrastructure</strong></td>
<td>System architecture; System provisioning; Solution landscape; Technical system design; Deployment concept; Solution environment setup; Technology operations standards and process.</td>
<td>System Admin; System Landscape management; Change &amp; Release Management (incl. predefined Release and Deployment principle); Transport Analysis …</td>
</tr>
<tr>
<td><strong>Operations &amp; Support</strong></td>
<td>Establishment and setting up of the helpdesk process; Incident management process; Post go-live change management process; User related operations standards and process.</td>
<td>Support of Urgent and Standard Changes in Hypercare and Operations (‘Fix Pace’); support of dual landscape with project and maintenance tracks; Solution Information Asset population of Production, Operation and Maintenance ‘Branches’ ready for support; definition of operation alerts for proactive performance management.</td>
</tr>
</tbody>
</table>
The Project Management workstream covers:

- Planning
- Scheduling
- Governance
- Controlling
- Monitoring the execution of the project

*Target group audience of this work stream are Project Managers.*

Project structures
*(Phases w/ Q Gates, Waves, Sprints, Milestones, ...)*;

Risk & Issue Management;

Solution Readiness Dashboard and drill down analysis;

Advanced Project and Resource Management.
Focused Build – Architecture Overview and Integration Model

Release Management

Change Control Landscape

Release Number and Cycle

Process Management

Process and Application Landscape

Design Documents

Branches

Test Cases

Requirements / Work Packages / Work Items

Requirements

Work Packages

Work Items

Test Suite

Test Plan

Test Package

Solution Readiness Dashboard

No. of reported gaps: 176

Test Packages:

- 1367
- 4134

Milestone

Q-Gate

Sprint 1…n

Task 1…n

Wave 1

Project Management

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC
Focused Build Project Management app – Gantt chart and Project details

- Simplified Focused Build Project Structure
- Severity and Change/Save indicator
- Start and End Dates/Constraints
- Gantt Chart
- Details of selected project element
Risk and Issue Management

Issues can be created on level of:
- Project Header
- Project Phases

All issues are always tracked on the project header level to get an overview of all issues.

Risk Matrix as part of Solution Readiness Dashboard.

Issues:
- No of identified project issues
- No of identified project risks

Risks:
- No of identified project risks

Risk Matrix as part of Solution Readiness Dashboard.
Solution Readiness Dashboard

**NOTE.**

1. The 'Solution Readiness Dashboard' is the main Dashboard for the Project.

2. There is a MASTER project representing the Programme with BUILD 'projects' created as SUB_PROJECT (or WORKSTREAMS) that will be used to provide lower level dashboards that aggregate to the MASTER project dashboard.

3. Example on the right shows the master is split into two Sub-Projects (=BUILD Project in Focused Build terms).

5. The sub-Project details are then broken down by CATEGORY.

Summary view of the Dashboard #s of the Sub-Project/BUILD Projects.
Risks
- Number of risks rated acc. to status, impact, and probability

Issues
- Number of issues rated acc. to priority

Scope change
- Percentage of Work Package that have been changed or extended after the initial scope had been set

Functional Specification / Technical Design
- Evaluates availability of related document based on related due date / milestone in Work Package / Item

Development / Unit Test
- Evaluates Work Items and their status according to related due dates / milestones

Sub-Project Status
- Status per Sub Project indicating which documents or activities are behind schedule (overdue)
Solution Readiness Dashboard > Current Wave Progress
In addition to traceability reporting in the TEST Management area there are also opportunities to show the traceability, for a BUILD project, between:

- SOLDOC structure elements
- Work Packages
- Documents assigned to WP
- Work Items
- Documents assigned to Work Items
- Transports for Work Item

Traceability Reporting

There are many display/selection options (and example output is shown below)
The Solution Adoption workstream covers:

- Organization Change Management (OCM)
- Value Management (VM)
- End-User Training topics

Target group audience of this work stream are Organization Change Managers, Business Readiness Lead and Trainers.

Change controlled Business Process structure and diagrams to assign Solution Adoption related documents, technical elements, links and attributes;

Project structure to track activity progress within the Programme
The Customer Team Enablement workstream covers:

- Enablement of the customer project team
- Standard product orientation to prepare the customer for product requirements and design discussion
- Key user and admin training to prepare the customer for test case development and test execution

*Target group audience of this work stream are Enablement Lead and Trainers.*

Project and process structure to track team enablement tasks within the Programme;

Predefined and role specific training material to support team enablement in use of Focused Build.
The Design and Configuration workstream covers:

- Confirmation of the scope
- Fit-to-Standard or Fit/Gap Analysis
- Identification of delta business process requirements
- Functional design of the solution

*Note: This workstream includes RICEFW deliverables in On-premise deployments.*

*Target group audience of this work stream are Functional Consultants, Business Process Experts and Developers.*

Content Import to support ‘Fit-to-Standard’;

Process management;

Requirements capture;

Design & Build documents;

WI build & unit test requirements.

*(WRICEF and Config)*
Capture Requirements against the Process Structure

Import SAP Best Practices, as start for ‘Fit-to-Standard’

Capture Requirements as User Stories (against the Process/Step)

“As a (role), I need (feature), so that (benefit).”

“As an interaction center agent, I need to be able to register phone back appointments, in order to make sure we keep promises to customers.”

“As an Accounts Receivable manager, I need to automatically calculate a doubtful debts provision for debt which is over 84 days or is deemed to be at risk, so that I can accurately reflect the provision in my books.”

Note. No separate field to capture Acceptance Description
Solution Documentation and Requirements, Work Packages, Work Items

- **Functional Process owner**
- **Architect**
- **Developer/Consultant**

Processes
- Process Step Library
- Executable Library
- Development Library

Interface Library
- Configuration Library

Configuration

Dashboard
- Requirements
  - Requirements Description
- Work Package
  - Functional Specification
  - Interface Specification
  - Test Case
- Work Item
  - Technical Specification
  - Configuration Guide

Sprint
- Created
- In Development
- To be tested
- Successfully tested

Project & Wave
- Scoping
- Scope finalized
- Handed over to release
- Productive
- Successfully tested
- To be tested
- To be developed
- To Be developed
- Postponed
- Withdrawn

Dashboard
- Rejected
- Approved
- Completed
- Draft
- Created

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC
Data Management

The Data Management workstream covers:

- Discovery, planning and execution of moving legacy data to the new system
- Archiving legacy data
- Cutover planning, preparation, management and execution

*Target group audience of this work stream are Data Migration Experts, System Administrators and System Architect.*

Define Master Data objects on Business Process structure;

Define data management process flows;

WP/WI build & test data requirements;

Data Volume Management functionality with SAP Solution Manager.
Extensibility

The Extensibility Workstream covers:

- Design, Development and Deployment of system functionality that cannot be provided by the standard product and needs to be custom developed.

**Note: focus is on solution extensibility beyond the RICEFW that are covered in Design and Configuration and Integration**

Target group audience of this work stream are Custom Developers.

‘Gap’ Management for delivery of requirements classified as ‘gaps’ and delivered through:

- custom development (Not WRICEF);
The Integration workstream covers:

- Identification of integration requirements
- Integration points
- Integration approach
- Integration solution design
- Setup of integration environment and middleware between the solution and any external systems

Target group audience of this workstream are Integration Implementation Experts.

Requirement capture;
Interface Library;
Interfaces in process/collaboration diagrams;
WP/WI build & test of integration requirements.
The Analytics workstream covers:

- Design, creation, testing of the reporting and analytics inside the implemented solution:
  - Data modeling
  - Data connection and integration
  - Stories creation
  - Predictive analysis

*Target group audience of this work stream are Developers and Analytics Experts.*

Requirement capture;

WP/WI build & unit test requirements;

Process and library structure to hold documentation.
The Testing workstream covers:

- Test strategy
- Test planning
- Test case development
- Test execution (unit, integration, performance, system, regression and end user acceptance test)

Target group audience of this work stream are Testing Experts.

Supports early agile testing within a Wave and Functional Integration Testing of the transports handed over to Release.

- Preparation;
- Informal and formal Testing of WPs;
- Test Case Creation (Test Steps Designer);
- Test Planning;
- Test Execution;
- Defect Management;
- Test Analytics; Test Suite Dashboard
Focused Build for Application / Software

**PMO**
- Create project plan
  - Track project readiness, issues and risks
  - Manage scope change
- Manage q-gate deliverables, sign-off
- Hand-over release to customer

**Explore Team (Business)**
- Fit Workshops for requirements

**Build Team (Plan)**
- Create work package
- Assign work items & build teams
- Manage show & tell

**Build Team (Development)**
- Develop, configure, unit test
- Document work item & progress
- Release work item
- Defect correction

**Test Management**
- Plan & execute Wave tests (SFT & AT)
- Manage defects
- Execute Release Tests (FIT & RT)

**Release Management**
- Build, test and validate release
- Manage hyper-care

**Key Areas**
- Project plan
- Release, waves, and sprints
- Process model
- Application landscape
- Requirements
- Functional specification
- Config, guide, test cases
- System landscape
- Tech. design
- Dev. Objects in transports
- Test Steps Designer
- Test plan
- My Test Executions
- Release
Example of Project Structure
Build Project for Agile development of a single release

Project structure sample with 1 waves, of 3 sprints

Wave 1

- Functional Spec released/available
- Single Functional Test (SFT) completed
- Work package (WP) Build completed
- Acceptance Test (AT)
- Functional Int. Test (Optional)

Sprints

- Sprint 1: Tech. Design Released, Build Started, (WI) Unit Test Completed
- Sprint 2: Build Completed (WI), (WI) Unit Test Completed
- Sprint 3: (Note. Point of NO RETURN for the Transports in these WP)

Legend:
- Defect Corrections
Example of Project Structure
Build Project for Agile development of a single release

Project structure sample with 2 waves, of 2 sprints

Wave 1
- Tech. Design Released
- Build Started
- Build Completed (WI)
- (WI) Unit Test Completed
- Unit Test

Wave 2
- Tech. Design Released
- Build Started
- Build Completed (WI)
- (WI) Unit Test Completed
- Unit Test

Legend:
- Defect Corrections
- Requirements
- Work Packages
- Single Functional Test
- Work Items
- Sprints
- Sprint Milestones
- FS Released
- WP Build Finished
- SFT completed
- FIT1 (Optional)
- AT1
- AT2
- FIT2 (Optional)
- Regression Test
- Functional Integration Test (Final)

(Note: Point of NO RETURN for the Transports in these WP)

Handover to Release
Requirements based Test Approach
All Test Types

- Definition and Specification
- Implementation and Configuration
- Functional Tests
- Process Tests
- PRD use

- Requirements
- Work Packages (Functional Specification)
- Work Items (Technical Design)
- Software Implementation and related Configuration
- Unit Test
- Single Functional Test
- (Business) Acceptance Test
- Regression Tests (Optional)
- Functional Integration Test (Optional)
- Functional Integration Test (Final)
- Regression Test (Final)

Handover to Release

* Excluding: Data Migration Tests; End User AT; DR; Performance Tests, … Technical System Tests

** Pre-Production (PRE) is not available in SAP S/4HANA Cloud, extended edition – so the test system landscape changes (Process Tests of a Release on QAS and earlier tests on DEV)
# Testing Types

<table>
<thead>
<tr>
<th>Test Types</th>
<th>Test Level</th>
<th>Test Requirement</th>
<th>Definition</th>
<th>Test System</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Test</td>
<td>Sprint</td>
<td>Work Item</td>
<td>Test to ensure that the work (e.g. WRICEF, Config) was implemented correctly</td>
<td>QAS</td>
</tr>
<tr>
<td>Single Functional Test</td>
<td>Wave</td>
<td>Single Work Package</td>
<td>Business function test to ensure that the feature was implemented correctly.</td>
<td>QAS</td>
</tr>
<tr>
<td>(Business)</td>
<td>Wave</td>
<td>Work Packages</td>
<td>Validation of requested functionality by the requestor.</td>
<td>QAS</td>
</tr>
<tr>
<td>Acceptance Test</td>
<td>Wave</td>
<td>Work Packages</td>
<td>After validation, corresponding Work Packages (WP) and Defect Corrections (DC) would be ready for handover to release.</td>
<td>QAS</td>
</tr>
<tr>
<td>&amp; (Requirement)</td>
<td>Related Work Packages</td>
<td>(This is the most important test, as after setting the Work Package status 'Handover to Release', all assigned transports will end in PRD system.)</td>
<td>QAS</td>
<td></td>
</tr>
<tr>
<td>Functional Integration Test &amp; (Optional)</td>
<td>Wave(s)</td>
<td>Related Work Packages</td>
<td>Early validation of modular processes. (Can include tests from earlier Wave(s))</td>
<td>QAS</td>
</tr>
<tr>
<td></td>
<td>Release</td>
<td>E2E Processes</td>
<td>E2E tests of the new or extended functionality, validating the end to end business process.</td>
<td>PRE</td>
</tr>
<tr>
<td></td>
<td>Release</td>
<td>Production Processes</td>
<td>Test of productive processes or functions</td>
<td>PRE</td>
</tr>
</tbody>
</table>

* Excluding: Data Migration Tests; End User AT DR; Performance Tests, Technical System Tests
Transports will move to the UNIT TEST client automatically via a ToC when the Work Item Status has been set to “To Be Tested” (Filled Tasks will need to be released first).

The UNIT TEST client will be the first client after the DEV client; it is recommended to be part of the QAS landscape. (Any Unit Test on the DEV system will be impacted by client independent work in progress)

All tests, after the Work Item has been ‘successfully tested’ and before the release scope is closed, will be done in the QAS landscape.

The testing of the Release will take place in a new landscape layer (PRE) following a system build and mass import of the transports (replicating the cutover to production).
Test Classification

- The Test Classification is assigned to Test Cases and Test Steps
- This classification is also assigned to Test Plans and used to help select relevant Tests.
- The delivered Test Classification values are:

  Functional Integration Test
  Generic Functional Test
  Regression Test
  Single Functional Test
  Acceptance Test

(This list can be extended)

Note. Freedom to create own Test Plan names, but delivered ‘Test Classification’ values align with the documentation, and Solution Readiness Dashboard references the ‘Single Functional Test’
Variant A:
Without Test Plan.
(Using option to create Defect Correction during Single Functional Test starting directly from the Work Package)

Variant B:
With Test Plan(s)

You can choose the variant fitting best to your individual test requirements.
The Technical Architecture and Infrastructure workstream covers:

- System architecture
- System provisioning
- Solution landscape
- Technical system design
- Deployment concept
- Solution environment setup *(starter, sandbox, development, testing, production)*
- Technology operations standards and process.

*Target group audience of this workstream are System Architect/admin.*

Predefined Release and deployment approach

Transport Management made simpler, and with less risk* and few, if any, import errors with the technical go-live.

Transport Analysis available across the system landscape

*(e.g. checks for downgrade protection and transport sequencing)*
Release Cycle

- Release Management to synchronize projects and keep them under control
- Each ‘Release Cycle’ will be built, tested and moved to ‘production’
- The work (WP and WI) are assigned and delivered in a ‘Release Cycle’.
- Following the last WAVE testing in the QAS landscape, the scope of the ‘Release Cycle’ is confirmed; once the ‘BUILD’ phase of the ‘Release Cycle’ is entered WP and WI can not be changed and no more new WP can be assigned to the release, just Defect Corrections.
- There are different Phases of a release to help manage the assigned work and transports
  - PREPARE – the development of the release content takes place with testing of Work Items (Unit Test) and of Work Packages (SFT); at the end of a WAVE a (Business) Acceptance Test will be performed (confirming captured ‘Requirements’ are delivered in the Wave); the main phase for the project.
  - BUILD - the content of the release will be finally defined, by setting the status, on selected Work Packages (WP), to ‘Handed over to Release’. (Note. Point of NO RETURN for the Transports in these WP)
  - TEST – the testing of the release takes place; this final release test needs the entire package to be validated and tested for functional and technical correctness before import to the Production environment. (The final tests usually includes Integration and Regression Tests)
  - PREPARE FOR DEPLOY – preparation steps to perform the cutover into production system need to be done
  - DEPLOY – the actual technical cutover of the entire release into the production environment; the content of the release package will be calculated automatically by SAP Solution Manager and imported in the correct sequence.
  - HYPERCARE – for incident resolution during post go-live support, prior to moving to the phase OPERATION when indicating the release is now productively operated.
Recommended System Landscape for Focused Build

System Landscape (TMS)

- Production
  - PRD-100

Development

- DEV-100
- QAD-100
- PRE-100

Sandbox

- SBX-100

Logical Component Group

- Log Comp Group
  - ERP

Logical Component

- Production
- Development
- Design
- Import

Branches

- Production
- Development
- Design
- Import
The Operations and Support workstream covers:

- Establishment and setting up of the helpdesk process
- Incident management process
- Post go-live change management process
- User related operations standards and process.

Target group audience of this workstream are Support Agents.

Support changes through system landscape

- Single landscape: Urgent and Standard Changes in Operations (‘Fix Pace’)
- Dual landscape: ‘Standard ChaRM’ on the maintenance track and ‘Focused Build’ on the Project Track supporting further Innovation.

Solution Information Asset population of Production, Operation and Maintenance ‘Branches’ ready for support;

Definition of operation alerts for proactive performance management.

Also note there is additional functionality to help in this phase from

‘Fix Pace’ Workflow with Focused Build (SP06)

Predefined ‘Fix Pace’ option can be used beyond ‘hypercare’ where there is a single track landscape.

### Production Branch
- Created
- In Development
- To Be Tested
- Successfully Tested
- Handover to Production
- Implemented
- Productive
- Confirmed
- Completed

### Predoc / Background Processing
- Predoc / Background Processing

### Change Request
- Created
- Validation
- To be Approved
- Approved
- Rejected
- Being Implemented
- Confirmed
- Withdrawn

### Urgent Change
- Created
- In Development
- To Be Tested
- Successfully Tested
- Handover to Production
- Implement
- Productive
- Confirmed
- Completed

### Standard Change
- Created
- In Development
- To Be Tested
- Successfully Tested
- Handover to Production
- Implement
- Productive
- Confirmed
- Completed

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC
Dual Landscape support after Go-Live*

- Maintenance track will utilize standard ChaRM
- Project track still use Focused Build

Setup retrofit automation between maintenance track and project track
(Please follow Configuration Guide, recommend to use AUTO_TOC scenario and schedule the retrofit report daily)

Note:
- ‘Fix Pace’ function must not be used for dual phased landscape.

* System Landscape shown is for SAP S/4HANA (any premise)
Additional information

- Special topics for a SAP Activate programme/project using Focused Build not covered in detail on the Workstream slides.
## Special Topics

<table>
<thead>
<tr>
<th>Term</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Terminology</strong></td>
<td>Highlighting some important variations in terminology; describing some of the terms used in Focused Build that may have a different terminology in SAP Activate.</td>
</tr>
<tr>
<td><strong>System Landscape &amp; Transport Management</strong></td>
<td>A Pre-Production system is key to the predefined release approach; Transports are created from Work Items / Defect Corrections and triggered for import with a selected based on the WP/DC status.</td>
</tr>
<tr>
<td><strong>Project &amp; Release Cycle Phases, Waves &amp; Sprints</strong></td>
<td>Focused Build can support projects with single and multiple release cycles.</td>
</tr>
<tr>
<td><strong>Epics, User Stories, and Requirements</strong></td>
<td>Focused Build captures User Stories as Requirements assigned to the Solution structure (ideally process or steps).</td>
</tr>
<tr>
<td><strong>Classification (REQ / WP / WI)</strong></td>
<td>Requirements, WP and WI each have a classification to help their management; a WI with a classification of ‘Non-Functional’ cannot create transports.</td>
</tr>
<tr>
<td><strong>Project Schedule</strong></td>
<td>With Focused Build there is a default Lean Project structure with focus on Wave / Sprint Schedule; milestones for the assigned Wave and Sprint become the default due dates for the WP and WI; planned and actual hours can be tracked.</td>
</tr>
<tr>
<td><strong>Project tracking of the Solution Build</strong></td>
<td>The PMO can track the status of a project through Focused Build dashboards and reports. (reduce ‘time to report’ eliminate maintaining spreadsheets and transport lists); focus on the progress of the Work Items and Work Packages.</td>
</tr>
<tr>
<td><strong>Areas of External Integration</strong></td>
<td>Focused Build provides three areas for external integration with APIs for Requirements, Development outsourcing and ScrumBoards.</td>
</tr>
</tbody>
</table>
### Terminology

**Some Important Variations**

<table>
<thead>
<tr>
<th>Focused Build with SAP Solution Manager</th>
<th>SAP Activate …</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>“Requirements Management”</strong> – captures, classifies &amp; attributes the user stories that result from the ‘Fit-to-Standard’ workshops that define value oriented business needs to be built &amp; tested in the business solution.</td>
<td>… provides a BACKLOG spreadsheet but customers using dedicated backlog or requirements management tool should use that tool for backlog management. Where Focused Build is used the user stories and business requests can be captured in the system with Requirements Management (with accurate assignment of process structure) and attachments for further details. An initial spreadsheet can be used to capture some requirement information (but data capture should have a clear purpose and mapping for use in Focused Build).</td>
</tr>
<tr>
<td><strong>“Work Item”</strong> – is a unit of work assigned to a ‘developer’ to deliver part/all of a Work Package (linked to requirements)</td>
<td>… refers to a scrum card as a piece of work to be ‘DONE’ or an activity in a project schedule</td>
</tr>
<tr>
<td><strong>“WRICEF”</strong> – Workflow, Reports, Interfaces, Conversions, Enhancements, Forms</td>
<td>… uses the term RICEF (no difference in content)</td>
</tr>
<tr>
<td><strong>“Developer”</strong> - one or more persons assigned(using business partner number) to Work Package and Work Items</td>
<td>… often refers separately to Consultants and Developers – where a ‘developer just works on RICEF developments.</td>
</tr>
<tr>
<td><strong>“Acceptance Test”</strong> – run at the end of a Wave for business members on the team, that raised requirements, to validate requirements have been met. This may be a formal test or part of a ‘touch &amp; feel’ session.</td>
<td>… supports the agile concept of business validating requirements before handover of solution to a full integration test.</td>
</tr>
<tr>
<td><strong>“Traceability Report”</strong> – complete traceability (of process oriented requirement through WP, WI, documentation, transports and testing) is delivered through system functionality and generation of selected information reports</td>
<td>… may refer to a trace matrix. The system built traceability can not be beaten and no document is recommended to be manually created outside of SolMan.</td>
</tr>
</tbody>
</table>
SAP Activate discusses a system landscape for SAP S/4HANA (Any Premise) as having:

| CAL/SBOX | DEV ↔ QAS ↔ PRD |

Transports are created direct in the development system and a manual activity performed to release transports - where Change Request Management (ChaRM) is not used in SAP Solution Manager.

With SAP Focused Build the approach defines the use of a Pre-Production* system to be used for Functional Integration Testing of the scoped release.

Transports are created from within a Work Item (and not direct in the development system).

The Transports will be automatically released when the Work Item status is set to “Successfully (unit) Tested”

* Pre-Production (PRE) is not available in SAP S/4HANA Cloud, extended edition – so the system landscape changes (see FAQ)
### Activity | How (with Focused Build)
---|---
Create TR | When a Work Item (WI) is in status “In Development” a Transport (TR) can be created and transport task created and assigned to as many individuals as needed (the individual needs to be created in the DEV systems and with a related Business Partner Id in SolMan).

TR to Unit Test | When the build work complete and ready for unit testing, the TR tasks need to be released; when the WI status is set to “To Be Tested” a Transport of Copies (ToC) is created and contents imported to the next client ready for Unit Testing.

Further build | If a developer needs to change or add build, following an initial unit test (before the WI is marked as “successfully tested”, they will need to set the WI status to “Provide Correction” and create additional tasks on the existing Transports.

Release TR | When the WI status is set to “Confirm Successful Test” (reflecting Unit Test, and WI as ‘done’) the TR is released automatically and imported to QAS via a scheduled job (frequency determined by release management).
- Note. The Work Package (WP) will automatically have status set to “To be Tested” when all WI are identified as successfully (unit) tested.

TR for Defect Corrections | When testing in QAS. Defect Corrections (DC) can be created from which, like WI, Transports can be created and automatically released.
- Note. Where the DC is linked to the WP (recommended) the WP status will change to “In Repair”; when the Defect/DC is ‘confirmed’ the WP status will move back to “To be Tested”.

Handover to Release | Following the testing activities in the QAS system there will be a confirmation of the WP (& associated DC) that will be part of Release Scope – with a mass setting of their status to “Handed Over to Release”.
- An Import trigger job will be scheduled to identify transports assigned to WP/DC with a status of “Handed over to Release”. An import to the PRE system landscape, ready for Functional Integration Test (FIT). This is a point of no return for these transports – they will all go to Production in the sequence they were released.

Import to PRD | Again a scheduled job will be executed to import transports.
Earlier slides have described examples of Project Waves and Sprints where there was a single release cycle.

Focused Build can also be used to support projects where there are multiple release cycles (see later slides in this section).
Project & Release Cycle Phases, Waves & Sprints:
Example for schedule of Releases, Projects, Waves and Sprints

- Phases of Release Cycles
  - Major Releases

- MASTER Project
  - Phases
    - Waves

- Build Project 1
  - Phases
    - Waves
      - Sprints

- Build Project 2
  - Phases
    - Waves
      - Sprints

Quality Gates
Project & Release Cycle Phases, Waves & Sprints:
Phase Q-Gates mapped to Project & Release Phases: Variant Overview

Variant 1
Classical Waterfall

One Project
One Release Cycle
One Wave
One Sprint
(1:1:1:1)

Variant 2
Scaled Agile

One Project
One Release Cycle
Several Waves
Several Sprints
(1:1:n:m)

Variant 3
Scaled Agile

One Project
Several Release Cycles
Several Waves
Several Sprints
(1:n:n:m)
Project & Release Cycle Phases, Waves & Sprints:
Phase Q-Gates mapped to Project & Release Phases: Variant 1

One Project, One Release Cycle, One Wave, One Sprint, (1:1:1:1) - Classical Waterfall

Project Phases
- Discover & Prepare
  - Prepare to Explore

Explore
- Explore to Realize

Realize
- Realize to Deploy

Deploy
- Go-Live
- Deploy to Run

Run

Phases of Release Cycle
- Create
- Prepare
- Build
- Test
- Prep for Deploy
- Deploy
- Hypercare

Wave
- Wave: Exit criteria fulfilment

Sprint
- Sprint Review*

* Milestone Unit Test Completed

= Project Q-Gates
= Decision Point
Project & Release Cycle Phases, Waves & Sprints:

Phase Q-Gates mapped to Project & Release Phases: Variant 2

One Project, One Release Cycle, Several Waves, Several Sprints, (1:1:n:m) – Scaled Agile

Project Phases

- Discover & Prepare
- Explore
- Realize
- Deploy
- Run

Phases of Release Cycle

- Create
- Prepare
- Build
- Test
- Prep for Deploy
- Deploy
- Hypercare

Wave 1:

- Wave 1: Exit criteria fulfilment
- Sprint
- Sprint
- Sprint

Wave 2:

- Wave 2: Exit criteria fulfilment
- Sprint
- Sprint
- Sprint

* Milestone Unit Test Completed

= Project Q-Gates

= Decision Point

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC
Project & Release Cycle Phases, Waves & Sprints:

**Phase Q-Gates mapped to Project & Release Phases: Variant 3**

**One Project, Several Release Cycles, Several Waves, Several Sprints, (1:n:n:m) – Scaled Agile**

- **Project Q-Gates**
- **Decision Point**

**Phases of Release Cycle**

- Wave 1: Exit criteria fulfilment
- Wave 2: Exit criteria fulfilment

**Sprint**

- Sprint Review*

* Milestone Unit Test Completed
Project & Release Cycle Phases, Waves & Sprints:
Example Build Project for Scaled Agile Approach of successive release cycles, including milestones and Test Aspects

Project structure sample with 2 successive release cycles each with 1 wave, of 2 sprints
**Epics, User Stories and Requirements**

**User Stories are held as Requirements when using Focused Build**

In SAP Activate, ‘epics’ are identified at the business Scenario (or process group); they are broken down to individual user stories for the Process or Process Step.

The user stories are then captured in a backlog tool/spreadsheet, ready to be planned in the build.

An epic may have user stories delivered in separate sprints and be tested after a number of sprints are completed.

Similarly in Focused Build, ‘epics’ and ‘user stories’ will be discussed; user stories will be captured as a ‘Requirement’ assigned to one or more business processes/steps. (Requirements can not be captured at the Scenario level, but an epic can be captured in documentation at any level)

Requirements Management with Focused Build replaces the Backlog spreadsheet.
Epics, User Stories and Requirements: Documenting Requirements

Do’s and Don’ts

- Ideally define Requirements in a 1:1 Relationship to a Work Package (in an Agile Development that means it can be realized in one Wave)
- Description should in a clear and agreed user story format (especially when working in big teams)
- Define and follow clear meaningful naming conventions for Requirements
- Define and discuss within project team how to use priority, category and other attributes across project teams
- Decide on Requirements categories before starting Requirements gathering (This will help later tracking of the build and also simplify searching and filtering)
- Requirements are ideally consolidated (not n Requirements for the same need)
- If required also document ‘Fit-Fit Requirements’ for holistic documentation & all requirements that the business want to later test
- Description captured by Business Analysts; Classification needs consulting input; Approval of Requirements by the business and programme management.

Requirements can be maintained at the following SolDoc Elements:

- Structure Elements
  - Process
  - Process Step (Reference)
- Library Elements
  - Configuration Item
  - Process Step (Original)
  - Executable
  - Development
  - Interface

The ‘Requirements Management’ transaction can be used to create/import requirements, or filter/display lists of requirements. There is also a link to ‘Mass change’ function where filtered requirements can have the status & ownership maintained.

Capture Requirements as User Stories (against the Process/Step)

“As a (role), I need (feature), so that (benefit).”

Also see later slides on Backlog Management with Focused Build
The outcomes of the EXPLORE workshops may initially be referred to as ‘Gaps’ or ‘Deltas’ from which we create “Requirements” when using Focused Build with SAP Solution Manager.

Within Focused Build the Requirements are classified; the follow-on Work Packages (WP) and Work Items (WI) are also classified.

The classification options are fixed (& not customizable)

The Classification of the Requirement is for Information only and to help define Work Packages (and although defaulted to a WP can be changed when a requirement is assigned to a Work Package).

<table>
<thead>
<tr>
<th>Requirement Classification</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gap</td>
<td>is a completely new development which needs to be specified in detail with significant 'as-is/to-be' evaluation, often with no technical information or idea how to realize it in the beginning. Technical design is fully done by developer in WI with the help of a technical design document. (There will be few requirements with this classification)</td>
</tr>
<tr>
<td>WRICEF</td>
<td>is a typical and from SAP expected extension, where no business background needs to be described. The consultant often already knows how to implement and configure. So the Specification is often already a mixture between functional and technical design</td>
</tr>
<tr>
<td>Fit (configuration)</td>
<td>there is no coding adjustment, but only configuration. So specification is often an existing standard configuration guide and only a configuration documentation is needed to be maintained on Work Item level</td>
</tr>
<tr>
<td>Non-Functional</td>
<td>Is used for documentation upload or a parameter settings without the need to document a Functional Specification (no document KPI maintained in customizing for Work Package and Work Item).</td>
</tr>
</tbody>
</table>
WP and WI Classification

When a Work Package (WP) is created it’s classification defaults to that of the requirement, but can be changed prior to the creation of Work Items (WI) and reaching WP status “to be Developed”.

Similarly, the WI classification defaults to that of the WP classification and can be changed when in status “Created”.

The assignment of the WP classification defines valid WI Classification options to be used (see below)

<table>
<thead>
<tr>
<th>WP Classification</th>
<th>WI Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Gap</td>
</tr>
<tr>
<td>Gap</td>
<td>✓</td>
</tr>
<tr>
<td>WRICEF</td>
<td>✓</td>
</tr>
<tr>
<td>Fit (configuration)</td>
<td></td>
</tr>
<tr>
<td>Non-Functional</td>
<td></td>
</tr>
</tbody>
</table>
Project Schedule

• Default Lean Project structure with focus on Wave / Sprint Schedule

• Predefined Waves and Sprints with related Q-Gates and Milestones

• Cross Wave in Master Project can be used for integration activities (e.g. Testing) across multiple Build projects

• Free to add & track additional project activities

• Default Due dates for WP and WI come from the milestones of the assigned Wave & Sprint respectively

• Planned and actual time can be tracked simply for WP and WI

• ‘Build Projects’ to be used on large projects to manage & track workstreams / build teams
Project Schedule:
Gantt chart and Project details

Simplified Focused Build Project Structure
Severity and Change / Save indicator
Start and End Dates / Constraints
Gantt Chart
Details of selected project element
Project Schedule: Waves

Wave details
- A wave comprises a well-defined functional scope of work packages to define what needs to be done
- Starts with scope definition and a preparation time
  – Provides at least the functional specification required to start the first sprint of the wave
- Actual build execution is done in Sprints
- Execute functional integration testing
- Ends with the q-gate “Wave exit-criteria fulfilment” for passing the q-gate
- Optional: Release can be assigned to a Wave to allow Go-Live after the Wave

Legend
- Q-Gate
- Milestone

Work Package assigned to a Wave receiving milestones from Wave as default due dates
Project Schedule: Sprints

Sprint details

- A sprint comprises a well-defined scope of work items to define how to do it
- Starts with sprint backlog definition and prioritize the work items
- Provides technical design documents and software developments for review in show and tell sessions / sprint reviews
- Unit test to confirm work item is completed
## Project Tracking of the Solution Build

During the REALIZE phase the project tracking will focus on processing the Work Items within the scope of the Work Packages.

1. **Business Requirements are captured and classified; where these are process related requirements they will be assigned to one, or more, relevant process steps (or to the business process).**

2. **Work Packages (WP) will be created to deliver the assigned requirement(s) ready for the SFT/AT testing in QAS for a specified WAVE; the WP will have Work Item(s) (WI) that are assigned to a consultant/developer to deliver the build (include create/release transports) and unit test.**

3. **WI are assigned to a SPRINT with target dates to complete the build & unit test (making it then ready for SFT/AT testing in the QAS landscape).**

4. **WP will be ready for SFT/AT when all assigned WI are Built & Unit Tested successfully.**

5. **The Test Suite can generate ‘Test Packages’ for selected WP on a 1:1 basis; where there are multiple WP per business process we can set up a single WP for a process where we want 1 Test Package : 1 business process.**

6. **Defect Corrections will be assigned to the WP.**

7. **On successful completion of the SFT/AT at the end of the last Wave, there will be a confirmation of which WP (and assigned DC) will be handed over to release, and have their transports inserted in the import queue for the Pre-Production system landscape (PRE) where the FIT and additional testing will be performed.**

   **(Note. Once a WP is ‘handed over to release’ there is NO Point of RETURN for the Transports in these WP)**

8. **The WAVE assignment on a WP can be changed if WI have not been created; the SPRINT assignment on a WI can be changed to another SPRINT within the assigned WAVE.**

---

**The Solution Readiness Dashboard (example below) is the main tool to track the Solution Build.**
Project Tracking of the Solution Build:
Solution Readiness Dashboards and tiles

Key information tiles on the Solution Readiness Dashboards to track Work Packages (WP) and Work Items (WI) are the following:

Many projects will be run with a MASTER and sub (BUILD) projects;

The next slides show how the WP and WI data can be see across the MASTER and BUILD projects on the Solution Readiness Dashboard that will be used in the REALIZE phase to track the Solution Build

(Data simply available at the MASTER, sub (BUILD) Project, and CATEGORY levels with detail lists for further analysis)
Project Tracking of the Solution Build:

**MASTER PROJECT: Solution Readiness Dashboard**

Select a sub-Project to see the Dashboard of that BUILD project.

Note there is a Summary view of the Dashboard #s of the Sub-Project/ BUILD Projects – select any number to see detail making up the numbers. Or select one of the tiles above to see the detail behind the numbers.
Project Tracking of the Solution Build:
Sub (BUILD) PROJECT: Solution Readiness Dashboard

These are two key numbers shown on the summary for sub-projects at the bottom of the MASTER PROJECT dashboard.

We can see that the sub-Project #’s are now broken down by CATEGORY assigned to the WP.
Project Tracking of the Solution Build:
Solution Readiness Dashboard - Work Packages - Schedule

The WP tile takes us to the next level of detail; the first button showing us the number of WP assigned to WAVEs (breakdown by CATEGORY and option to get lists behind each number)
The second button, at this level, shows the number of Consulting/Developer days ... PLANNED and ACTUAL effort. (breakdown by WAVE to get lists behind each number)
Project Tracking of the Solution Build:
Solution Readiness Dashboard - Work Packages - Details

The details button takes us to the list of WP for the selected WAVE.
(showing many columns of attributes and status/effort information for each WP)

Options to filter the data, and export to .CSV format
Project Tracking of the Solution Build:
Solution Readiness Dashboard – Current Wave Progress 2

This is a new tile** to look at current Wave progress (at the sub-project, or master project level)

** subject to SAP changing the release/delivery of this new tile
Project Tracking of the Solution Build:
Dashboard – Current Wave Progress 2 – WP across the WAVE

This option allows us to see the progress of the Work Items in their assigned SPRINT (see next slide)

Here we can see the progress of WP across the planned duration of the WAVE. (looking to see more “successfully tested” (represented by GREEN) as we progress through)
Project Tracking of the Solution Build:
Dashboard – Current Wave Progress 2 – WI across the SPRINT

Selected Sprint that we chose for analysis of WI progress

We see the number of WI and their status (looking for progress to having them all “successfully tested” (GREEN))

WI details and option to drill down to the detail of any of them 😊
Areas of External Integration

**Requirement Inbound**
- Get requirements from external tool

**Development Outsourcing**
- Handle development tasks in external tool
- Focused Build needs to be the leading system for the creation of the tasks

**ScrumBoard**
- UI5 ScrumBoard running on top of Focused Build
- No data replication like in the Development Outsourcing scenario
Areas of External Integration

Three API for third party tools

**External Requirement API**: Focused Build provides an API to connect external requirement tools to Focused Build
- Provides the capability to connect external requirement tools like e.g. Jira
- Provides a generic API based on OData web services
- API provides the capability to create requirements in Focused Build. Requirement status updates are send back to the external requirement tool.
- Only the API on Focused Build side is delivered (not the API counterpart on the external tool side)

**External Tool API**: Focused Build provides an API to connect external development tools to Focused Build
- Provides the capability to connect external development tools like e.g. Jira or MS Team Foundation Server
- Provides a generic API based on OData web services
- API provides the capability to create objects (Work Package, Work Item) in the external tool but NOT in Solution Manager
- Only the API on Focused Build side is delivered (not the API counterpart on the external tool side)
- Example integration exist for Jira. The required Jira add-on is provided as open source. It is provided “as-is” (no support or maintenance for this Jira add-on). See [https://github.com/SAP/solman-fb-jira-addon](https://github.com/SAP/solman-fb-jira-addon) for details.

**ScrumBoard API**: Focused Build offers an open API which allows vendors of digital ScrumBoards an integration in the R2D process to offer development teams a modern and intuitive user experience, allowing team members to perform tasks more concisely and considerably faster.
Integration allows:
- Synchronized information about WP & WIs, teams and status
- Support of intuitive user interface based on UI5 with drag-and-drop functionality
- Data maintenance revision-secure in the SAP back-end system
- Supports follow up integration, e.g. reference to transport requests
- Triggering of workflows, e.g. automatic notification of testers
- Any software vendor who has similar solutions can get in touch with SAP for an integration.
Detailed Workflows using Focused Build

- The detailed Workflows using Focused Build with SAP Solution Manager helps to understand the status values and connectivity between objects such as: Requirements; Work Package; Work Item; Tests; Defect; Defect Correction; ...
Standard Workflow with Focused Build (SP06)
REQ – WP - WI

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Business Analyst/Process Expert</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approved</td>
<td>In Realization</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Work Package</th>
<th>Solution Architect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Created</td>
<td>Scoping</td>
</tr>
<tr>
<td>Scope Finalized</td>
<td>To Be Developed</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Work Item</th>
<th>Developer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Created</td>
<td>In Development</td>
</tr>
<tr>
<td>To Be Tested</td>
<td>Successfully Tested</td>
</tr>
<tr>
<td>Handed over to Release</td>
<td>Productive/Completed</td>
</tr>
</tbody>
</table>

= manual status setting
= automated status setting

Test Coordinator
Single Functional Test & AT
FIT/RT
Handed over to Release
Productive/Completed

Technical Tester (Developer)
Unit Test
Created
In Development
To Be Tested
Successfully Tested
Handed over to Release
Productive/Completed

© 2020 SAP SE or an SAP affiliate company. All rights reserved. PUBLIC
Detail Workflows with Focused Build (SP06)
REQ / WP / WI / SFT & AT / FIT & RT / DEFECT / DC / URGENT FIX / STD CHNG / FIX PACE

The following slides show detail Workflows using Focused Build (SP06) with SAP Solution Manager:

- Requirements
- Work Package
- Work Item
- SFT (Single Functional Test) & AT (Acceptance Test)
- FIT (Functional Integration Test) & RT (Regression Test)
- Defect
- Defect Correction
- Urgent Change
- Standard Change
- Fix Pace
Detail Workflows with Focused Build (SP06)
Requirements Management

- Draft
  - Send for Approval
  - Revise
  - Reject
  - Recover
  - Withdraw
  - Postpone

- Rejected
  - Set by WP
  - Postpone

- Canceled (FINI)
  - Withdraw
  - Recover

- Postponed
  - Set by WP
  - Postpone

- To Be Approved
  - Approve

- Approved
  - Create WP
  - Set by WP

- In Realization
  - Create WP
  - Set by WP

- Realized
  - Create WP
  - Set by WP

- Completed (FINI)
  - Set by WP

- = manual status setting
- = automated status setting
Detail Workflows with Focused Build (SP06)
Work Package (Part I)

The Functional Gap functionality is inactive by default

= manual status setting
= automated status setting
Detail Workflows with Focused Build (SP06)

Work Package (Part II)
Detail Workflows with Focused Build (SP06)

Work Item

- **Created**
  - Start Development
  - Withdraw
  - Withdrawed (FINI)

- **In Development**
  - Pass to Test
  - Provide Correction
  - To Be Corrected

- **To Be Tested**
  - Confirm Successful Test
  - Request Preliminary Import (NC)

- **Successfully Tested**
  - Preliminary Import Requested
  - Approve Preliminary Import

- **Handed over to Release**
  - Preliminary Import Requested
  - Test for Preliminary Import
  - Confirm Test for Production Import

- **Released for Production**
  - Set to Productive

- **Productive**
  - Complete

- **Completed (FINI)**
  - Withdraw (NC & GC)
  - Preliminary Import Requested

- **In Repair**
  - Handover to Development

- **To Be Developed**

- **To Be Tested**
  - Successfully Tested
  - Handed over to Release
  - Set to Productive

- **Completed (FINI)**

**Key:***
- = manual status setting
- = automated status setting

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC
Detail Workflows with Focused Build (SP06)
Single Functional Test (SFT) and AT, with Test Suite

Design Branch

Development Branch

Production Branch

- Created
- In Process
- Solution Proposal
- Confirmed
- Information Required
- To be Retested w/o Transport
- Transport to Retesting
- Confirmed
- Handed Over to Release
- Closed

- Created
- Being Corrected
- In Repair
- To Be Tested
- Successfully Tested
- Handed Over to Release
- FIT, &RT
- Productive

- To be Developed
- In Development
- To be Retested
- In Repair
- To Be Tested
- Successfully Tested
- Handed Over to Release

- Scoping
- Scope Finalized
- Work Package
- Defect Correction

- = manual status setting
- = automated status setting
Detail Workflows with Focused Build (SP06)

Functional Integration Test (FIT) and RT, with Test Suite

- Created
- In Process
- Solution Proposal
- Confirmed
- Information Required
- To be Retested w/o Transport
- Created
- Being Corrected
- Transport to Retesting
- Confirmed
- Handed Over to Release
- Closed
- Created
- Scoping
- Scope Finalized
- To be Developed
- In Development
- Single Functional Test & AT
- In Repair
- To Be Tested
- Successfully Tested
- Handed Over to Release
- FIT & RT
- Created
- Development Branch

- Design Branch
- Production Branch

- = manual status setting
- - automated status setting

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC
Detail Workflows with Focused Build (SP06)

Defect Process Flow

Transaction Type: S1DM

= manual status setting

= automated status setting

New

Tester

Test Manager

Solution Architect

Forwarded

Withdraw

Withdrawn (FINI)

In Process

Tester Action

Wait for Error Correction

Information Required

Information Provided

Error Correction in Process

Solution Proposal

Confirmed (FINI)

Withdraw

Tester

Set to "In Process"

Set to "In Process"

Set to "In Process"

Set to "In Process"

Set to "In Process"

Set to "In Process"

Set by DC

Set by DC

Set by DC

Set by DC

Set by DC

Set by DC

Withdraw

Tester

Withdrawn (FINI)

Withdraw

Tester

Withdraw

Tester

DC
Detail Workflows with Focused Build (SP06)
Defect Correction (Defect as Predecessor Document)

Transaction Type: S1TM

- Manual status setting
- Automated status setting

**Created**
- Set by Defect
- Withdraw Defect Correction by Solution Architect

**Being Corrected**
- Set to 'To Be Corrected' by Defect
- Information Required by Developer
- Set to 'In Correction' by Developer

**Transport to Retesting**
- Set to 'Retest With Transport' by Developer
- Change to Task Plan
- Set to 'Retest Without Transport' by Developer

**To Be Retested w/o Transport**
- Confirm Defect Correction
- Set to 'Retest Without Transport'

**Confirmed**
- Handover to Release by Release Manager

**Closed**
- FINI

**Withdrawn**
- FINI
Detail Workflows with Focused Build (SP06)

Defect Correction (1:1 Relation for Test Package and WP)

- Created
- Being Corrected
- Transport to Retesting
- Confirmed
- Handed over to Release
- Closed

- Set by Defect
- Set by Defect
- Set by Defect
- Set Defect
- WP

- Information Required
- To Be Retested w/o Transport
- Confirmed
- Handover to Release
- Close Error Correction

- Request Information
- Reset to "In Correction"
- Set to 'Retest Without Transport'
- Change to Task Plan

- Request Information
- Reset to "In Correction"
- Set to 'Retest with Transport'
- Change to Task Plan

- Request Information
- Reset to "In Correction"
- Set to 'To Be Corrected'

- Withdrawn
- Set to WP

- Withdrawn (FINI)

- Solution Architect
- Developer

- = manual status setting
- = automated status setting

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC
Detail Workflows with Focused Build (SP06)
Defect Correction (Work Package as Predecessor Doc.)

- = manual status setting
= automated status setting

1. **Withdrawn (FINI)**
   - Set by Defect
   - Solution Architect: Set Defect Correction
   - Developer: Set Defect Correction
   - Set to 'To Be Corrected'

2. **Information Required**
   - Developer: Request Information
   - Set to 'In Correction'

3. **Being Corrected**
   - Developer: Set Defect Correction
   - Solution Architect: Set Task Plan
   - Set to 'In Correction'

4. **To Be Retested w/o Transport**
   - Developer: Confirm Defect Correction
   - Set to 'Retest Without Transport'
   - Change to Task Plan

5. **Transport to Retesting**
   - Developer: Confirm Error Correction with Transport
   - Set to 'Retest with Transport'
   - Change to Task Plan

6. **Confirmed**
   - Handover to Release
   - Close Error Correction
   - Set to WP

7. **Closed (FINI)**
   - Set by WP

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC
Detail Workflows with Focused Build (SP06)

Urgent Fix

- New
- Validation
- To Be Approved
- Approved
- Being Implemented
- Implemented
- Confirmed

- Created
- In Development
- To Be Tested
- Successfully Tested
- Handover to Production
- Productive
- Confirmed
- Completed

Request for Change

Dev

QAS

PRE

PRD

= manual status setting
= automated status setting

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC
Detail Workflows with Focused Build (SP06)

Standard Change

Request for Change

- New
- Validation
- Being Implemented

Implemented
- Confirmed

Standard Change

- Created
- In Development
- To Be Tested
- Successfully Tested

Productive
- Completed

Dev
- QAS
- PRE PRD

- Manual status setting
- Automated status setting
Detail Workflows with Focused Build (SP06)

Fix Pace

- Created
- Validation
- To be Approved
- Approved
- Rejected
- Being Implemented
- In Development
- To be Tested
- Successfully Tested
- Handover to Production
- Withdrawn
- Standard Change
- Urgent Change
- Predoc / Background Processing

Production Branch

- Implemented
- Confirmed
- Completed
- Productive
- Withdrawn
- Rejected
- Approved
- Consequently Validated
FAQs and Sources of Further Information

- Some FAQs from teams, Sources of Further information, and a list of other links to SAP Activate and Focused Build materials.
## Glossary

<table>
<thead>
<tr>
<th>SolMan</th>
<th>SAP Solution Manager</th>
</tr>
</thead>
<tbody>
<tr>
<td>FB</td>
<td>Focused Build</td>
</tr>
<tr>
<td>ST-OST</td>
<td>Focused Build software component</td>
</tr>
<tr>
<td>REQ</td>
<td>Requirement(s)</td>
</tr>
<tr>
<td>WP</td>
<td>Work Package</td>
</tr>
<tr>
<td>WI</td>
<td>Work Item</td>
</tr>
<tr>
<td>GC</td>
<td>General Change</td>
</tr>
<tr>
<td>NC</td>
<td>Normal Change</td>
</tr>
<tr>
<td>DC</td>
<td>Defect Correction</td>
</tr>
<tr>
<td>ToC</td>
<td>Transport of Copies</td>
</tr>
<tr>
<td>TR</td>
<td>Transport Request</td>
</tr>
<tr>
<td>RFC</td>
<td>Request for Change</td>
</tr>
<tr>
<td>TC</td>
<td>Test Case</td>
</tr>
<tr>
<td>UT</td>
<td>Unit Test</td>
</tr>
<tr>
<td>SFT</td>
<td>Single Functional Test</td>
</tr>
<tr>
<td>AT</td>
<td>(Business) Acceptance Test</td>
</tr>
<tr>
<td>FIT</td>
<td>Functional Integration Test</td>
</tr>
<tr>
<td>RT</td>
<td>Regression Test</td>
</tr>
<tr>
<td>TPL</td>
<td>Test Plan</td>
</tr>
<tr>
<td>TPK</td>
<td>Test Package</td>
</tr>
<tr>
<td>TS</td>
<td>Test Steps (Test Case)</td>
</tr>
<tr>
<td>TD</td>
<td>Test Document (Test Case)</td>
</tr>
<tr>
<td>TA</td>
<td>Test Configuration (Auto Test Case)</td>
</tr>
<tr>
<td>DEV</td>
<td>Development System</td>
</tr>
<tr>
<td>QAS</td>
<td>Quality Assurance System</td>
</tr>
<tr>
<td>PRE</td>
<td>Pre Production System</td>
</tr>
<tr>
<td>PRD</td>
<td>Production System</td>
</tr>
<tr>
<td>Question</td>
<td>Answer</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>How can I follow the SAP Activate whilst using Focused Build with SAP Solution Manager?</td>
<td>Focused Build with SAP Solution Manager supports the execution of SAP Activate. Focused Build does not cover all content found in SAP Activate – use the SAP Roadmap Viewer tile in SolMan, or the direct web link, to view the full relevant roadmap and add additional key activities to the MASTER project from Focused Build where needed for tracking in Focused Build. The Requirements-to-Deploy process of Focused Build is in effect an overlay to SAP Activate; there are role-specific training/guides to using Focused Build – this presentation should help you align your understanding of working with Focused Build whilst following SAP Activate. (Note: it is recognised that more accelerators could be added to SAP Activate to help support this alignment)</td>
</tr>
<tr>
<td>What is the difference between the phases of the SAP Activate Methodology and the phases of a Release Cycle used by Focused Build?</td>
<td>The Phases of SAP Activate relate to the project/programme lifecycle (see section “Phase Overviews and Focused Build” of this presentation). An outline of the different Release Cycle phases is shown in the section “Phases, Releases, Waves and Sprints” of this presentation; this section also shows example alignment of these phases. Consider that the Release Cycle phase will be PREPARE until the full release has been build and handed over to Release, when in the final FIT test the Release cycle will be TEST before moving to DEPLOY during the Activate DEPLOY phase.</td>
</tr>
<tr>
<td>What are the differences in the Phases of the Release Cycle?</td>
<td>An outline of the different Release Cycle phases is shown in the section “Phases, Releases, Waves and Sprints” of this presentation. The majority of the time a project with a single release will be in the PREPARE phase of the Release Cycle.</td>
</tr>
<tr>
<td>How do User Stories differ when used in SAP Activate and Focused Build?</td>
<td>The basic description of a User Story does not change. Focused Build captures ‘Requirements’; these requirements should be written in the form of a User Story. The User story/requirement in Focused Build may have less attributes that a multi-columned spreadsheet. When using Focused Build capture User Stories and attributes that can be loaded and maintained as a ‘requirement’ and do not use the default SAP Activate Backlog spreadsheet.</td>
</tr>
<tr>
<td>How do you capture User Stories in Focused Build according to SAP Activate?</td>
<td>This is discussed in this presentation; from Fit-to-Standard workshops requirements will be discussed; these should be captured in a User Story Format and loaded direct to ‘Focused Build’ for later review, classification and approval.</td>
</tr>
<tr>
<td>Question</td>
<td>Answer</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Can additional text types be included on the requirement?</td>
<td>No. There are currently three ‘text types’ for a requirement in Focused Build: Description; Assumptions/Remarks; Solution Description. Before capturing requirements in any form, a project should agree how/where they will want to hold information such as: how to Demo/Test; Acceptance Criteria; Impact (Business Process, Master Data, SAP Org Structure, Data Migration); Business KPI/Value Driver. In addition the project may want to use the option to hold attachment(s) on the Requirement.</td>
</tr>
<tr>
<td>Can I add additional attributes to the Requirements, WP, WI ?</td>
<td>Custom Attributes can be created and assigned to the Work Package (WP); values for these custom attributes can be maintained and seen when editing or displaying the WP. There is no option to display the custom attributes on lists, mass updates or file downloads/uploads. There are no custom attribute options for Requirements or Work Items (WI). Additional attributes can be created and maintained &amp; reported on in the CRM based UI, but these attributes will not be visible in the Focused Build apps (e.g. My WI, My WP, Mass Change), and the change applied to the standard Focused Build transaction types would need to be checked/maintained when applying each subsequent SP.</td>
</tr>
<tr>
<td>Should we use a spreadsheet to prepare a backlog before entering requirements in the system ?</td>
<td>Not without a plan on how you will use the information collected to create and approve requirements. An ‘initial requirements capture’ spreadsheet can be used in the short-terms as an initial mechanism to collect requirements to be entered in Focused Build. Note. There is an upload option to create Requirements from a spreadsheet of a defined format.</td>
</tr>
<tr>
<td>Can I call a SPRINT a CYCLE ?</td>
<td>The Fiori Apps will still have a heading of ‘Sprint’, but if you and the customer want to name a sprint “Cycle One” or “Baseline Sprint/Cycle” the option is there to do so.</td>
</tr>
<tr>
<td>My projects have used ITRs and CDs as part of using ChaRM on the project what are the similar objects/name in Focused Build ?</td>
<td>Focused Build uses a Work Package (WP) and a Work Item (WI) in a similar way to when you used an ITR and a CD, but it has a simpler set of status values and user interface through a Fiori App.</td>
</tr>
</tbody>
</table>
### Frequently Asked Questions

**Focused Build**

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can I see WP and WI with transaction SM_CRM?</td>
<td>Yes – you can use this as an alternative access point to view and maintain the WP/WI – but not recommend unless familiar with that interface (the Fiori apps simplify the user experience). Users can also drill-down form the Fiori app to a detailed view of the WP and WI in a SM_CRM transaction.</td>
</tr>
<tr>
<td>Can we change the status values and names used on WP / WI to something similar to creating ITRs and CDs</td>
<td>Any change to the standard delivered Transaction types used by the Focused Build apps would be seen in the apps, but these changes may impact on the speed and ability to adopt new Focused Build Support Packs (as customer changes to delivered Focused Build could be overwritten); deviations from the standard Focused Build solution may also impact ability to adopt new innovations that come with the standard Focused Build solution.</td>
</tr>
<tr>
<td>What is a ‘Wave’?</td>
<td>A ‘Wave’ is a term used in Focused Build as a layer to better structure and manage multiple sprints; it is a bit like a product increment. At the end of a ‘Wave’ (of sprints) there will be a business Acceptance Test that the approve requirement, assigned to a Wave, have been successfully delivered in the solution.</td>
</tr>
<tr>
<td>Question</td>
<td>Answer</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Can the classification of Requirements, WP and WI be customised, or extended, to include more values that we typically use on projects?</td>
<td>No. The Requirement Classification, WP Classification and WI classification are fixed – valid options for the WI classification depend on the selected WP classification. There are addition classifications of work that you may want to use – but you will have to find another way to capture and maintain this information.</td>
</tr>
<tr>
<td>How can I create a Traceability report ?</td>
<td>Traceability is built into the system and it should not be attempted to maintain a traceability record outside the system. You can use the report /SALM/TRACEABILITY_REPORT first described in SAP NOTE 2680472, &amp;/or look at the Traceability Matrix within the Test Suite dashboard.</td>
</tr>
</tbody>
</table>
| Where is the UAT ?                                                     | Testing is held throughout the REALIZE phase, including • the SFT of a Work Package  
• the AT by the business confirming that approved requirements, assigned to a Wave, have been successfully delivered in the solution is part of each ‘Wave’.  
• a final Functional Integration Test of the solution release in the PRE landscape  
Teams can define additional Tests (e.g. User Acceptance Test by selected solution user population members) and create Test Plans in Focused Build Test Suite.                                                                                                                                                                                                                                                                                                                                                                                                           |
| Why do some Focused Build slides show the final ‘Acceptance Test (AT)’ as part of the DEPLOY phase ? | This is an error shown on a selection of slides that is being corrected; the AT by the business confirming that approved requirements, assigned to a Wave, have been successfully delivered in the solution is part of each ‘Wave’ in the REALIZE phase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Do we need to use Test Suite for the Single Functional Test (SFT) of WP and the business Acceptance Test (AT) | There are three variants supported by Focused Build:  
1. Without formal documentation (test cases not assigned to WP) and without Test Plan in Test Suite  
2. With formal documentation (test case assigned to WP) and without Test Plan in Test Suite  
3. With formal documentation and with Test Plan in Test Suite  
Note. There will always need to be a ‘Defect Correction’ created to create transports needed to resolve the test defect.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
## Question

### Testing Cycles in Focused Build vs SAP Activate

There are some differences in the names provided to test stages/cycles in SAP Activate and Focused Build; both start with a Unit Test of the WI by the developer; following the build of all work for a release, both Focused Build and SAP Activate refer to, there being an Integration Test – Focused Build calls this a final "Functional Integration Test (FIT)". All projects will use names for additional tests, or post integration test ‘end user validation’. It will be key in an agile approach for the business members on the team, that raised the requirements, to test and accept the requirements have been delivered (‘Acceptance Test’ in Focused Build) before the scope of the solution is confirmed for the final FIT. Test Plans in the Test Suite can have any name. It will be important to define the different tests that will be performed before the Realize phase begins.

### Users Stories vs Requirement in Focused Build ?

Functional requirements captured in Focused Build should be in a ‘User Story’ format .. “as a (business role), I need (feature/function), in order to (value/benefit)”. Focused Build Requirements can also be ‘Non-Functional’ Requirements that do not need to be in user story format.

### Why does Focused Build have Regression tests for a new implementation?

Consider the following situations for Regression Tests (& focus on high priority Test Cases):

- **Regression Tests after Waves or Sprints**
  - Re-execute selected Test Cases across the Test Cases in former Waves and Sprints in order to make sure respective test results are still ‘OK’ after new developments or bug fixes have been introduced

- **Regression Test before Deploy**
  - Re-execute selected Test Cases across the Test Types, of the entire release, executed before to ensure no side-effects on test results of earlier Test Types occurred

### When there is a Defect Correction (DC) there seems to be no Unit Test and correction is released when made available for import to all QAS system clients. Is this correct ?

Yes. It is assumed that the DC are small/simple and should be moved straight to retesting without an extra step to create a ToC of the change to the Unit Test environment; if the DC is not correct the Defect will be reset to “In Process” and another DC created and imported for retesting.
### Question

<table>
<thead>
<tr>
<th>What is the difference between SAP Activate Methodology, SAP Focused Build vs Agile Methodology?</th>
<th>SAP Activate Methodology is one of the three elements (methodology, content, tools) of SAP Activate. SAP Focused Build with SAP Solution Manager supports customers with a seamless, tool-based, Requirements-to-Deploy process to manage the requirements and software development in agile innovation projects. The SAP Activate methodology and Focused Build support an Agile approach to implementing a solution.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Does Focused Build support the use of Digital signatures to approve documents?</td>
<td>Yes.</td>
</tr>
<tr>
<td>Does Focused Build provide a scrum board?</td>
<td>No, but it does offer an open API which allows vendors of digital ScrumBoards an integration in the Requirements-to-Deploy process to offer development teams a modern and intuitive user experience, allowing team members to perform tasks more concisely and considerably faster. However, Focused Build does provide simple Fiori apps for users to view, manage and update their assigned Work Packages and Work Items (with integration to the solution documentation and transport management); The Solution Readiness Dashboard provides the high-level status view with ‘drill-down’ for further analysis.</td>
</tr>
<tr>
<td>How does the Test System Landscape change for SAP S/4HANA Cloud, extended edition?</td>
<td>A deployment of SAP S/4HANA Cloud, extended edition has only three systems by default and customer can add SBX but not Pre-PROD. In this case, some tests like the SFT and AT are held on DEV landscape and following ‘handover to release’ the FIT(Final) is executed on the QAS system.</td>
</tr>
</tbody>
</table>
## Frequently Asked Questions

### SAP Activate

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>What environments is SAP Activate best suited for?</td>
<td>SAP Activate methodology offers a consistent approach for cloud, on premise, and hybrid deployments, including mobile. For SAP S/4 HANA, Activate includes transition scenario guidance, covering scenarios such as New Implementation, System Conversion, and Landscape Transformation. The methodology scales extremely well, becoming lightweight for smaller engagements or more robust for larger projects or programs.</td>
</tr>
<tr>
<td>What are SAP Activate Accelerators?</td>
<td>SAP Activate methodology contains accelerators for each implementation phase and work stream. These include templates, questionnaires, checklists, guidebooks, and other tools that facilitate efficient upgrades or implementations. The methodology covers an extensive range of typical work streams for SAP implementation projects.</td>
</tr>
<tr>
<td>What are the phases of the SAP Activate Methodology?</td>
<td>SAP has worked to ensure simplicity for a cloud implementation while also retaining the content required for an on-premise implementation. The phases within this implementation are: Prepare, Explore, Realize and Deploy. For more on each phase join the <a href="https://Jam.sap.com/">SAP Activate Jam Group</a>.</td>
</tr>
<tr>
<td>How does SAP Activate Methodology align with the Project Management Institute (PMI) best practices?</td>
<td>SAP Activate Methodology is aligned with best practices that the Project Management Institute (PMI) documented in the PM Body of Knowledge (PMI PMBOK). Use it to minimize risk, streamline and accelerate implementation, and reduce your total cost of implementation. Majority of this alignment is visible in the Project Management workstream, but some aspects are also covered in Solution Adoption workstream (for example the organizational change management, stakeholder management, etc.)</td>
</tr>
<tr>
<td>Is there SAP classroom training and certification for SAP Activate Methodology?</td>
<td>Yes. SAP offers classroom training for SAP Activate Methodology and the opportunity to become a Certified SAP Activate Associate. For more information on SAP Activate training go to the <a href="https://www.sap.com/services/training.html">SAP Training Shop</a>.</td>
</tr>
<tr>
<td>How does ‘Model Company’ differ from ‘Best Practices’?</td>
<td>‘Model Company’ is for multinationals and based on ‘Best Practices’ and part of an SAP service offering; SAP Best Practice content is provided with the product.</td>
</tr>
</tbody>
</table>

---

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC
## Further Information

### SAP Activate

<table>
<thead>
<tr>
<th>Information</th>
<th>Details</th>
</tr>
</thead>
</table>
SAP Activate product page containing all the latest news, resources and success stories |
Launch page to access the roadmaps (above) and PDF Guide ‘Getting Started with Roadmap Viewer’ below  
[https://go.support.sap.com/roadmapviewer/#/activate](https://go.support.sap.com/roadmapviewer/#/activate) |
| **SAP Activate JAM Group** | [https://app.smartsheet.com/b/form?EQBCT=c5a589814595482185b4c1280f6abb57](https://app.smartsheet.com/b/form?EQBCT=c5a589814595482185b4c1280f6abb57)  
SAP Activate Community is a collaborative group which provides expert feedback and guidance on your questions, while engaging with a robust community; Request JAM access via: [http://bit.ly/SAPActivate](http://bit.ly/SAPActivate) |
| **SAP Best Practices Explorer** | [https://rapid.sap.com/bp/](https://rapid.sap.com/bp/)  
SAP BP Explorer provides users with access to accelerators and simplifies the path to implementations |
| **SAP Model Company** | [https://www.sap.com/uk/services/implementation/preconfigured-industry-solutions.html](https://www.sap.com/uk/services/implementation/preconfigured-industry-solutions.html)  
Information on the ready to use, preconfigured processes of SAP Model Company services that can accelerate your SAP solution deployment |
Blog by Chief Product Owner of SAP Activate Methodology |
e-book and print edition |
| **SAP S/4HANA Cloud: Implementation with SAP Activate** | e-book - [https://goo.gl/a8tisw](https://goo.gl/a8tisw) |
## Further Information

### SAP Solution Manager & Focused Build with SAP Solution Manager

<table>
<thead>
<tr>
<th>Information</th>
<th>Link</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAP Solution Manager (Help Portal)</td>
<td><a href="http://help.sap.com/solutionmanager72">http://help.sap.com/solutionmanager72</a></td>
<td>Central point for access a variety of documentation and materials relating to SAP Solution Manager; there is an opportunity to select the version for a specific SP in use or planned</td>
</tr>
<tr>
<td>Wiki pages with detail information</td>
<td><a href="https://blogs.sap.com/2013/10/08.wikis-access-sap-solution-manager-expert-knowledge/">https://blogs.sap.com/2013/10/08.wikis-access-sap-solution-manager-expert-knowledge/</a></td>
<td>Central Wiki page form which to find more detailed information from the gurus</td>
</tr>
<tr>
<td>SAP Community Network (SolMan)</td>
<td><a href="https://wiki.scn.sap.com/wiki/display/SM/">https://wiki.scn.sap.com/wiki/display/SM/</a></td>
<td>Welcome to the Getting Started WIKI for SAP Solution Manager. This is the starting point for topics around installation, customizing, and setting-up SAP Solution Manager.</td>
</tr>
<tr>
<td>SAP Community (ALM)</td>
<td><a href="https://community.sap.com/topics/application-lifecycle-management">https://community.sap.com/topics/application-lifecycle-management</a></td>
<td>Links to overviews, materials, blogs and discussions responding to community questions relating to Application lifecycle Management</td>
</tr>
</tbody>
</table>
Enablers for Your Digital Transformation
SAP Activate Tools and Community

SAP Activate Jam Community
- Engage SAP Activate experts
- Ask questions and collaborate
- Stay up to date
- Existing members use: https://jam4.sapjam.com/groups/764DdnIM50owQEj5mc5bW4/overview_page/wHsk50bXlgB3kuavre51P

SAP Roadmap Viewer
- Browse implementation guidance for your digital transformation
- Access SAP Activate methodology assets and accelerators
  - https://go.support.sap.com/roadmapviewer/

SAP Best Practices Explorer
- Access SAP Best Practices content
- Power your project with ready-to-run processes
  - https://rapid.sap.com/bp/
Enablers for Your Digital Transformation
Focused Build and SAP Solution Manager

SAP Solution Manager
- Launch page to access latest news and key sources of additional information

Media Center and Demo Systems
- Access to Media Centre for presentations, videos, and the demo systems

Focused Build
- News and content related to ‘Focused Build’ with SAP Solution Manager
SAP Activate JAM Group
Join the Exclusive Community with the Latest Content on SAP Activate Methodology

Scan the QR code to join the SAP Activate JAM Community, or access http://bit.ly/SAPActivate
Current members, access our community by clicking HERE

Community benefits:
- Learn from our experts on various topics, gaining key insights, and stay up-to-date on the latest releases
- Webinars & events outlining the key topics which help organizations during project phases
- Open hours to engage live with our methodology experts
- Interactive collaboration with users regarding content, questions, and updates
- FREE access to the latest content to help organizations with projects
SAP Education Training

SAP Activate

ACT100 - SAP Activate Methodology

ACT200 - Agile Project Delivery

Certification Exam

C_ACTIVATE12 - SAP Certified Associate - SAP Activate Project Manager

Link

https://training.sap.com/

openSAP Training:

“Agile Project Delivery with Focused Build for SAP Solution Manager”

https://open.sap.com/courses/solman2

SAP Solution Manager

Intermediate

E2E600 - Implementation Projects with SAP Solution Manager 7.2

Advanced

E2E040 - Manage Digital Transformation with SAP Solution Manager

E2E110 - Application Operations in SAP Solution Manager

E2E120 - Technical Monitoring in SAP Solution Manager

E2E200 - Change Control Management

E2E220 - SAP Test Management Overview

SM100 - SAP Solution Manager Configuration for Operations

SM250 - IT Service Management Configuration

SM255 - Change Request Management with SAP Solution Manager Configuration

Certification Exam

C_SM100_7208 - SAP Certified Technology Associate - SAP Solution Manager, Mandatory and Managed System Configuration (7.2 SP58)
SAP Learning Journey
SAP S/4HANA - Implementation Tools and Methodology

LINK:
To this Learning Journey
SAP Learning Journey
SAP Solution Manager: Build/Implement

LINK:
To this Learning Journey
SAP Activate
Project Management for SAP S/4HANA

The go-to guide for your SAP S/4HANA implementation project!

SAP S/4HANA is here, and the stakes are high. Get your project right with this guide to SAP Activate! Understand the road ahead: What are the phases of SAP Activate? Which activities happen when? Start by setting up a working system, then walk through guided configuration, and learn how to deploy SAP S/4HANA in your landscape: on-premise, cloud, or hybrid. Take advantage of SAP Activate’s agile methodology, and get the guidance you need for a smooth and successful go-live!

https://www.sap-press.com/sap-activate_5027/
(E-Book and Print edition)
SAP S/4HANA Cloud
Implementation with SAP Activate

Your Guide to SAP Activate methodology for SAP S/4HANA in the cloud!

Project manage your SAP S/4HANA Cloud implementation with this E-Bite! Explore the benefits of SAP’s cloud ERP and apply the SAP Activate framework to get your project running in weeks. Examine the project phases: Preparing your team and system, exploring your solution, realizing and testing your implementation, deploying your project, and more!

https://goo.gl/a8tisw
(E-Book)
<table>
<thead>
<tr>
<th>Section</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>SAP Activate and Focused Build with SAP Solution Manager; Supported Transition Scenarios; Elements of SAP Activate; The Six Characteristics of SAP Activate supported by Focused Build</td>
</tr>
<tr>
<td>Phases, Releases, Waves and Sprints</td>
<td>Discuss the alignment of time-based items in SAP Activate and Focused Build with SAP Solution Manager</td>
</tr>
<tr>
<td>Phase Overviews and Focused Build</td>
<td>Short phase overviews indicating impact on each from Focused Build with SAP Solution Manager</td>
</tr>
<tr>
<td>Workstreams and Focused Build</td>
<td>A look at how the Workstreams of SAP Activate are supported by Focused Build with SAP Solution Manager, with specific focus on the workstreams of ‘Application Design &amp; Configuration’, ‘Testing’, and ‘Project Management’</td>
</tr>
<tr>
<td>Additional Information</td>
<td>Special topics for a SAP Activate programme/project using Focused Build not covered in detail on the Workstream slides.</td>
</tr>
<tr>
<td>Detailed Workflows using Focused Build</td>
<td>The detail Workflows using Focused Build with SAP Solution Manager helps to understand the status values and connectivity between objects such as: Requirements; Work Package; Work Item; Tests; Defect; Defect Correction; …</td>
</tr>
<tr>
<td>FAQs and Sources of Further Information</td>
<td>Some FAQs from teams, Sources of Further information, and a list of other links to SAP Activate and Focused Build materials.</td>
</tr>
</tbody>
</table>

**Focused Build with SAP Solution Manager supports the execution of SAP Activate**
Focused Build with SAP Solution Manager supports the execution of SAP Activate

Project Management

Phases of Release Cycle
Create → Prepare → Build → Test → Deploy → Hypercare

Support of Urgent and Standard Changes in Hypercare and Operations
- Single Track Landscape - ‘Fix Pace’
- Dual Track Landscape – ‘Fix Pace’ > ChaRM

Functional Integration Test + Regression Test
Sprint Execution
- With Unit Test per WI
- Single Functional Test per WP
- Acceptance Test end of Wave

Agile Development
Planning
- Release
- WPs to Wave
- WIs to Sprint

Process Management
Capture & Approve Requirements (Backlog)
System Preparation
Import Standard

Team Enablement
Solution Design Documentation
Thank you.

Paul Jackson
Principal ALM Consultant
SAP Services

Adnette Kamugisha
Product Manager and Build Lead
SAP Activate Methodology

Jan Musil
Chief Product Owner
SAP Activate Methodology

SAPActivateMethodology@sap.com

SAP Focused Solutions
Focused Build Product Leads

SAP Activate
Community of Practice

THE BEST RUN SAP