

Test framework for RDK-B Emulator Rack Testing - Design

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This Page is under Development

1.1. Introduction

1.2. Design Considerations

1.2.1. Decision Overview

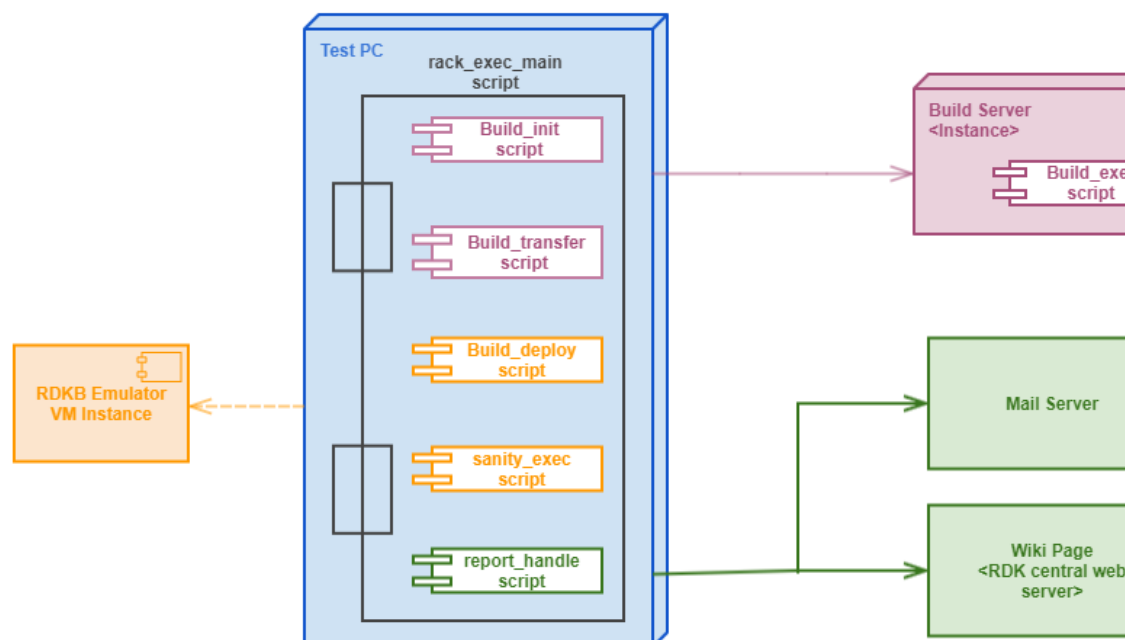
< Describe the system design in broad terms . Consider benefits, costs and schedule and technical risks. Describe how the proposed solution aligns with the enterprise architecture. >

1.2.2. Other Considerations (DAR)

<Alternative designs considered and why one was chosen>

1.3. Architecture

1.3.1. Layout



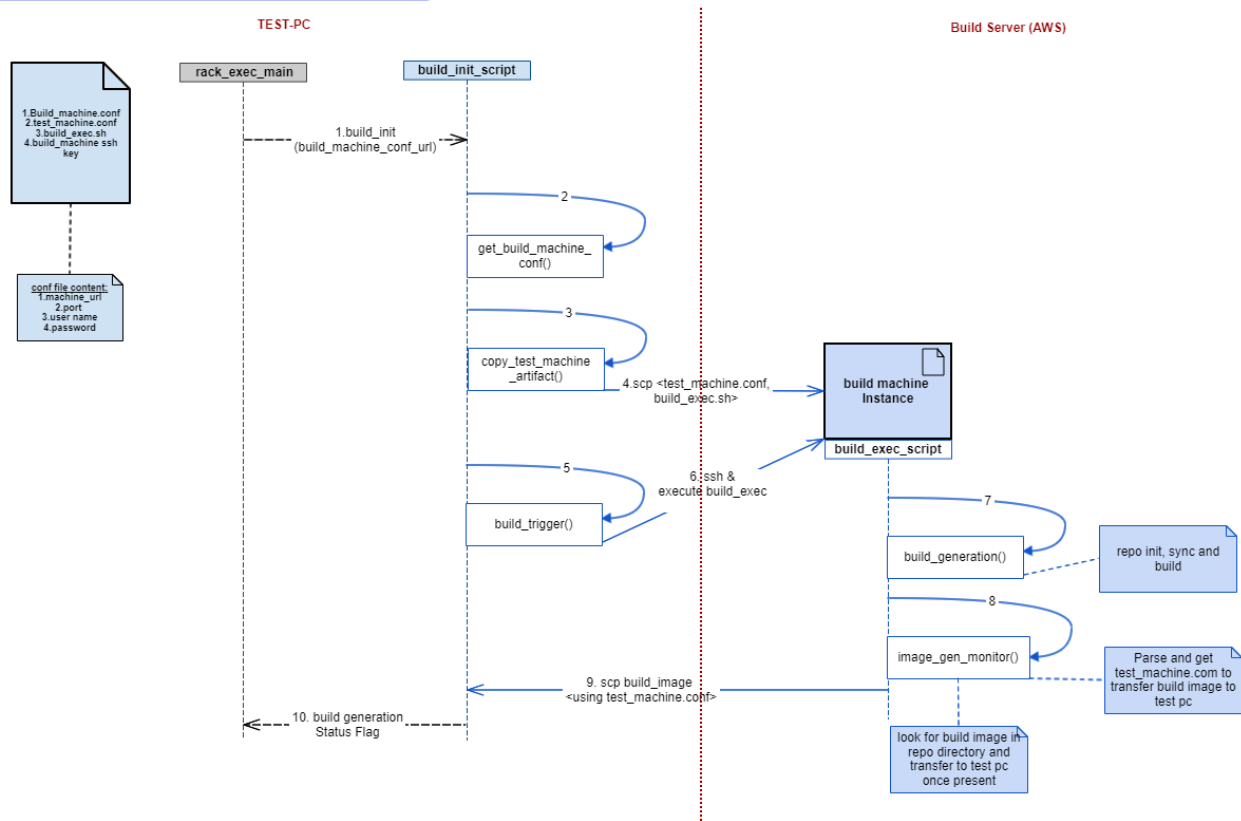
1.3.2. Communication

<Describe the communication between the sub-systems. (Diagrams may be used to illustrate communications). >

1.4. Sequence Diagram and Interfaces (Input/Output files or data sets)

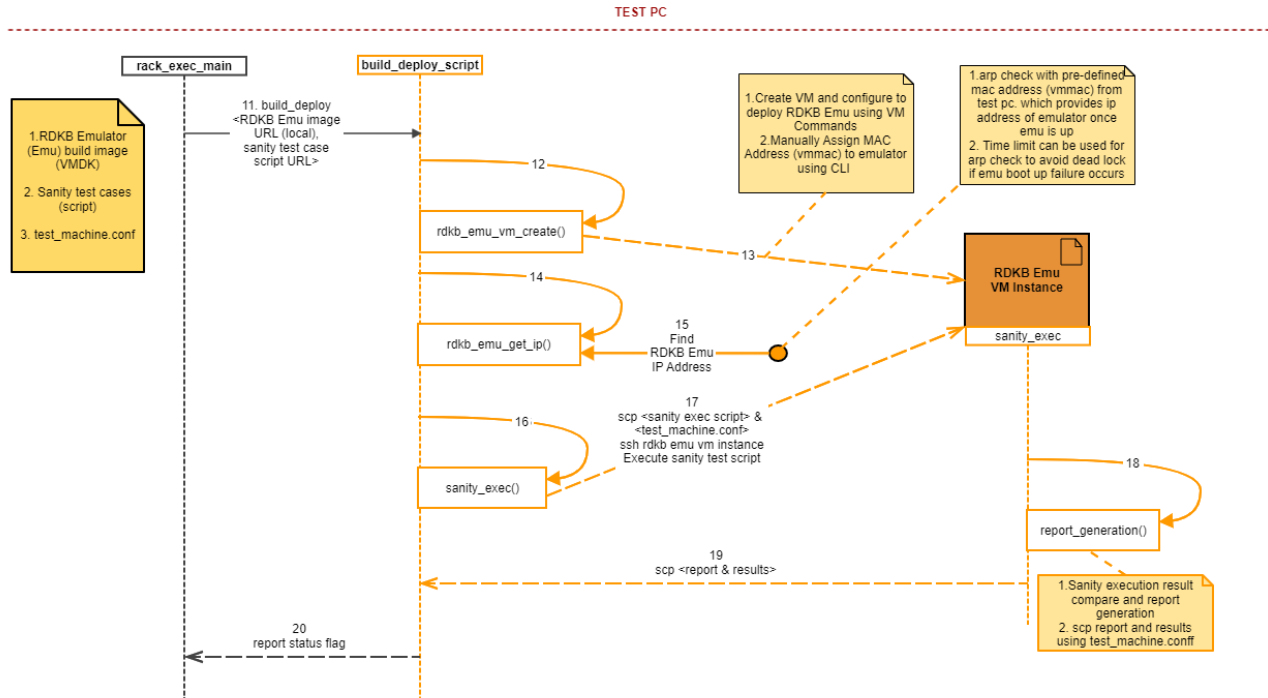
1.4.1. Build Trigger and Generation

Build Trigger and Generation Sequence Diagram



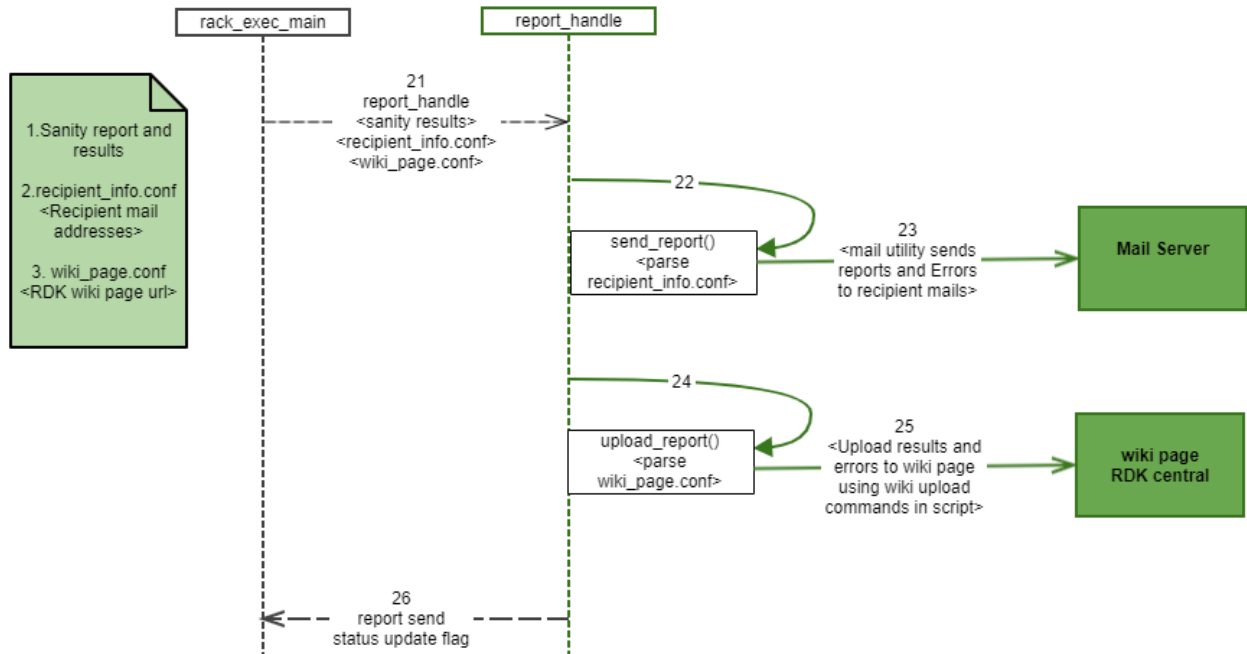
1.4.2. Build VM Deploy and Sanity Test Execution

Build VM Deploy and Sanity Test Execution Sequence Diagram



1.4.3. Report Management

Report Management Sequence Diagram



< Identify input interfaces, function call protocol, and the nature of the data structures passed across the interface between the sub-modules>

< Identify output interfaces, function call protocol, and the nature of the data structures passed across the interface. >

1.5. Data Model

<Provide a description of the data model>

1.6. Limitations

< Describe the cases that are identified as problem but unable to report to it due to various factors. Describe the factors >

1.7. Future Enhancements

< Describe how the current design is suitable for future enhancement without completely modifying existing design . >