Lay Out an Architecture Roadmap

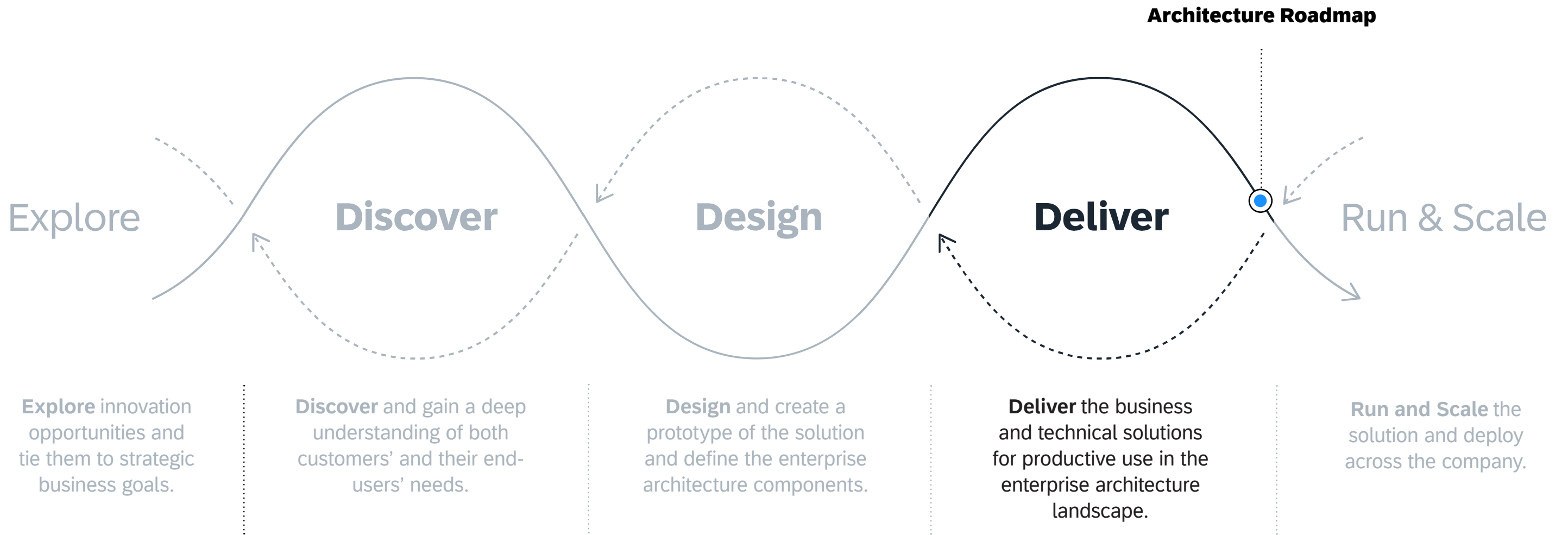Outline the actions that are required to realize the architecture.

Why To
Lay Out an Architecture Roadmap

The "Architecture Roadmap" is an overview of specific actions that are required to realize the aspired solution. It lays out the individual actions on a timeline to show the sequence and progression from the baseline architecture to the target architecture. The purpose of the Architecture Roadmap is to discuss the optimal implementation sequence.

Explore

Discover

Design

Deliver

Run & Scale

When To
Lay Out an Architecture Roadmap

The Architecture Roadmap is created during the Deliver phase after the **Environments and Location Diagram**.

Architecture Roadmap

Explore

Discover

Design

Deliver

Run & Scale

Explore innovation opportunities and tie them to strategic business goals.

Discover and gain a deep understanding of both customers' and their end-users' needs.

Design and create a prototype of the solution and define the enterprise architecture components.

Deliver the business and technical solutions for productive use in the enterprise architecture landscape.

Run and Scale the solution and deploy across the company.

Learn more about SAP's Human-Centered Approach to Innovation: **https://apphaus.sap.com/approach**

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How To
Lay Out an Architecture Roadmap

Duration
Approx. 60 - 120 Minutes

Participation
1 - 3 People

Roles
Enterprise Architects, Developers, End Users

Use Input From
- **Visualize the Solution Context**
- **Craft a Solution Realization Diagram**
- **Identify the Scope of Your Architecture**

Steps

1 Identify work packages required to realize the architecture. What needs to be done to implement the building blocks?

2 Categorize the work packages into different capabilities of the aspired solution – as defined in the **Solution Context**. This helps to correlate work packages to business value. Ideally, work packages within a capability category can be implemented independently and at their own pace.

3 Identify dependencies between work packages as they influence the sequence of implementation steps. Define the sequence and timeline of the implementation of the work packages.

4 Validate the Architecture Roadmap by defining clear milestones and the associated business value. Additionally, outline alternative sequences for implementing the work products, if applicable.

Expert Tips

Input for creating the Architecture Roadmap is a mix of all the insights you have learned through the creation of the previous work products.

A good starting point to derive work packages is the **Solution Realization Diagram**. What needs to be done to implement the building blocks?

Think about pre-requisites that need to be in place before the implementation of a work package can start. Is there any data access required? Is there a specific system integration required, for example?

Check the **Statement of Architecture Work**: Is the roadmap you have defined in sync with the scope of the Statement of Architecture Work?
You might want to create the Architecture Roadmap together with the team or partner implementing your architecture.

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Example
Architecture Roadmap

Prerequisites

Transition: Phase 1
Build foundation

Transition: Phase 2
Roll out MVP:
manual review/approval

Target: Phase 3
Automation &
Simulation

month

2

4

6

Set up SAP Cloud Platform account

Setup Authentication

Connection to SAP S/4HANA

Trigger money release

Budget Request & Approval Solution

Access to budget planning and forecast data

Inbox for manual approval

Automated approval steps

Simulation & Planning

Define Rules & Workflow

Implement Request & Review/ Approve apps

Launchpad integration

Embedded analytics

Rules and guidelines for budget approval

Implement & validate user interface

Define process and responsibilities for budget review and approval

Connection to BW/4HANA

Legend:

Dependencies

Design storyboard / user interface

Define KPIs and measures

Access to BW/4HANA

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