Foundry Solution Architect Certification

The Foundry Solution Architect Certification exam tests your ability to design solutions that leverage Foundry. It will assess your knowledge of the Foundry platform, its architecture and components, and how these can be used to solve business problems. It will also assess the basics of integrating Foundry with existing IT systems and environments, how Foundry can address common non-functional requirements, and Foundry deployment best practices.

Candidate Profile

A candidate for a Foundry Solution Architect Certification is someone who knows the full spectrum of Foundry platform capabilities and how to design complete end-to-end solutions that exploit them. You should consider this certification if your job is to design appropriate solutions to maximize business outcomes. While this exam does not test for hands-on experience, it is highly recommended that candidates have significant hands-on experience.

Exam Design

The exam is composed of 60 questions covering a variety of subtopics within the selected certification track. The questions will be multiple choice, point-and-click and scenario based. You will have 120 minutes to complete the exam, and a passing score of 70% is required to receive a certification.

About this Exam Guide

This exam guide is meant to provide insight into what will be tested on the certification exam. All study resources included here are meant to be directionally useful prep materials; test takers are encouraged to seek additional Foundry support resources to supplement knowledge. Questions may be asked on topics not explicitly included in the exam guide.
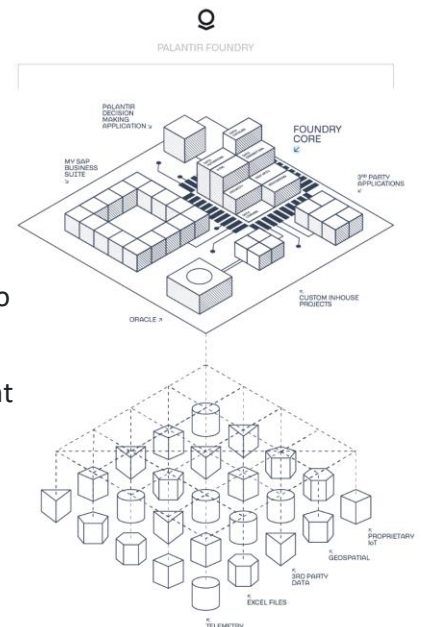
Solution Architect Associate Exam Content

Foundry Open Architecture

Do you understand and explain Foundry's high-level architecture and its use of open technologies, interoperability and SSO? Do you understand how Foundry works, how that impacts solution design and how to comply with organizational and industry requirements?

Keeping Data Safe

Do you understand how Foundry uses encryption and security when storing and transferring data? Do you understand Foundry's shared responsibility model, Palantir's security and quality standards and certifications, its privacy & civil liberties standards, and practices relating to regulations such as GDPR? Do you understand how Foundry enables auditing general activity and controlled activities and the proper use of Foundry namespaces, projects, organizations and security markings?

Solution Activities and Components

Do you understand how to use Foundry to deliver reliable data products from data source to discovery and exploitation, and how to work with Foundry datasets, streams and objects? Do you understand how to model data and systems in Foundry? Can you explain Foundry's capabilities relating to machine learning, leveraging rich object metadata and views to supercharge data analysis and operational workflows, and building continuity from well-defined use cases and applications to ad-hoc exploration and analysis? Can you implement patterns and practices for good Foundry native application design?

Solution Design and Delivery

Can you use Foundry to understand project needs and distill requirements to facilitate solution design and to decompose a use case and project requirements into implementation components? Do you understand how to identify common solution patterns and archetypes, points of attention, and potential workarounds where required? Can you identify techniques to optimize delivery time and scaling of activities, plan and follow rollout of finished solutions, and understand features to facilitate solution operation, maintenance and evolution in Foundry?

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Concept	Learning Resources
Foundry Architecture	Foundry Architecture (Learn)
Principal Services and Components	Foundry Foundations (Learn) Introduction to Palantir Foundry (Learn)
Interoperability and Standards Support	Foundry Interoperability (Learn) Interoperability • Palantir Docs

Note on Learning Resources for each topic:
For all documentation, prepend provided directory paths with your Foundry URL domain + /workspace
(e.g., https://myDomain.palantirfoundry.com/workspace/documentation/...)

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Concept	Learning Resources
Shared Responsibility Model	Shared security responsibility model • Palantir Docs Platform Administration (Learn)
Operational Security	Platform Administration (Learn) Security Overview • Palantir Docs
Infrastructure Security	Foundry Architecture (Learn) Infrastructure Security • Palantir Docs
Palantir Corporate Security, PCL and Certifications	Palantir Security Accreditations Data Protection and Governance • Palantir Docs Palantir Trust and Security Portal	SafeBase

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Concept	Learning Resources
Delivering Data Products	[Data Engineering Learning Path (Learn)](#)
Data Consumption and Insights	[Data Analyst Learning Path (Learn)](#)
Data-driven Decision Applications	[App Development Learning Path (Learn)](#)
Modelling and Machine Learning	[Modelling Overview • Palantir Docs](#)

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Concept	Learning Resources
Distilling Requirements	Distilling functional requirements • Palantir Docs
Solution Design	Solution Design • Palantir Docs Design Principles – Palantir Public Videos
Implementation and Rollout	Foundry Adoption Overview • Palantir Docs

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Amplify