

Solace Academy Course Catalog

April 2023

Training Delivery Methods

We offer the following delivery methods:

- **Instructor-Led Training (ILT)** – available for certain courses, delivered in a private classroom setting either on-site in your training facility or virtually.
- **Expert-Led Training Workshops** – 2-3 hours of customized training, delivered in a private classroom virtually.
- **Self-paced** – online courses available through Solace Academy.

Learning Subscription

Some self-paced courses are available for free, but certain advance courses and certifications are accessible through our Learning Subscription plans. The catalog below will identify free vs subscription-based courses. All instructor-led training courses are available through a separate purchase only. Contact us for more information on pricing: academy@solace.com

Certifications

All certification exams are available as self-serve on Solace Academy. Verifiable Digital Badges are issued after completion of each exam.

Instructor-Led Training Course Catalog

Course	Solution	Duration	Role
PubSub+ Event Broker Administration	PubSub+ Event Broker Appliance and/or Software	3 days	Administrators
PubSub+ Development	PubSub+ Event Brokers PubSub+ APIs	2 days	Developers
PubSub+ Cloud Administration	PubSub+ Cloud PubSub+ Event Broker: Cloud PubSub+ Event Portal PubSub+ Insights	3 days	Cloud Administrators
PubSub+ Development & Administration	PubSub+ APIs PubSub+ Event Broker Appliance and/or Software	4 days	Administrators Developers DevOps
PubSub+ Cloud Development & Administration	PubSub+ APIs PubSub+ Cloud PubSub+ Event Broker: Cloud PubSub+ Event Portal PubSub+ Insights	4 days	Administrators Developers DevOps
PubSub+ Architecture	Event Driven Architectures PubSub+ Platform	3 days	Architects
Event Driven Architecture Foundations	Event Driven Architectures PubSub+ Event Portal	1 day	Architect Developers
Solace Partner Training	PubSub+ APIs PubSub+ Cloud	5 days	Partner SI Administrators Developers

* Duration includes time for viewing instructor lectures, demonstrations, and actual time for hands-on activity may vary

PubSub+ Event Broker: Cloud and Software PubSub+ Event Portal PubSub+ Insights Integration and Connectors		
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Self-Paced Course Free Catalog

Course	Solution	Duration	Role
Solace Essentials	PubSub+ Event Broker: Cloud and Software PubSub+ Event Portal	2 hours	Administrators Developers DevOps
Be Event Driven	N/A	40 mins	All
PubSub+ Event Broker Key Features	PubSub+ Event Broker	40 mins	All
Solace Background & Use Cases	N/A	6 mins	All
Battleship over PubSub+	PubSub+ APIs (JavaScript, Java) PubSub+ Event Broker: Cloud & Software Spring Cloud Stream	2 hours	Developers
Fundamentals of Solace Development	PubSub+ APIs (JavaScript, Java) PubSub+ Event Broker: Software	1.5 hours	Developers
How to Build an Event Mesh with Solace PubSub+	PubSub+ Event Broker: Cloud & Software	10 mins	Administrators Developers
A Walk Through the Journey of Microservices	Event Driven Microservices	1 hour	Architects Developers
Solace PubSub+ MuleSoft Connector – Getting Started	PubSub+ Connectors, MuleSoft	30 mins	Developers
Solace PubSub+ Boomi Connector - Getting Started	PubSub+ Connectors, Boomi	1 hour	Developers
PubSub+ Cloud Event Portal Fundamentals	PubSub+ Event Portal	2 hours	Administrators, DevOps
Distributed Tracing in Solace PubSub+ Broker	PubSub+ Event Broker: Cloud, Software, Appliance	45 mins	Administrators, Developers, DevOps

Self-Paced Course Subscription Catalog

Course	Solution	Duration	Role
PubSub+ Event Broker Administration	PubSub+ Event Broker: Software & Appliance	24 hours	Administrators DevOps
Monitoring with Solace	PubSub+ Monitor, PubSub+ Insights, SEMP, Syslog	1 hour	Administrators DevOps

* Duration includes time for viewing instructor lectures, demonstrations, and actual time for hands-on activity may vary

PubSub+ Cloud Account Management	PubSub+ Cloud	1.5 hours	Administrators
PubSub+ Cloud Service Management	PubSub+ Cloud Cluster Manager	2.5 hours	DevOps Developers
PubSub+ Cloud Mesh Management	PubSub+ Cloud Mesh Manager	2.5 hours	DevOps Developers
PubSub+ Cloud Insights	PubSub+ Cloud Insights	2.5 hours	DevOps Administrators
Designing your Event Driven Architecture	PubSub+ Event Portal	2 hours	Architects, Developers

Certification Catalog

F – Free self-serve; S – Accessible through a learning subscription

Certification	Solution	Level	Cost	Role
Solace Certified Solutions Consultant	PubSub+ Event Broker: Software & Cloud PubSub+ Event Portal	Foundational	F	Partner SI Consultants Administrators Developers DevOps
Solace Certified Event Broker Administrator	PubSub+ Event Broker: Software & Appliance	Associate	S	Administrators Developers DevOps
Solace Certified Event Driven Practitioner	Event Driven Architectures PubSub+ Event Portal	Foundational	F	Partner SI Consultants Architects Developers
Solace Certified Developer Practitioner	PubSub+ Platform PubSub+ APIs, Open APIs and Protocols	Foundational	F	Developers
Solace Certified Event Driven Integration Architect	Integrations and Connectors	Associate	S	Partner SIs Architects

Partner Academy Enablement Catalog

In addition to the product training catalogs, registered Solace Partners have access to the following Enablement courses.

Course	Category	Duration	Role
Intro to Solace for Partners	Sales Enablement	30 mins	Sales
Sales Resources for Partners		N/A	Sales
Partnering for Success with Solace		15 mins	Sales

Solace with Boomi iPaaS (Partner Version)		1.5 hours	Sales
Event Driven Architecture Use Cases	Case Studies for Partners	6 hours	Sales Architects
Event Driven Architecture Technology Solutions		2.5 hours	Sales Architects
Partner Success Stories		1.5 hours	Sales Architects
PubSub+ Event Portal Enablement (Partner Version)		1 hour	Sales
PubSub+ Cloud Enterprise Security Enablement (Partner Version)	Product Enablement	45 mins	Sales
PubSub+ Insights Enablement (Partner Version)		50 mins	Sales

PubSub+ Event Broker Administration

Description

This course provides a deep dive into administrating and managing Software and/or Appliance PubSub+ Event Brokers.

Topics

- Introduction to PubSub+ Platform and messaging concepts
- Solace Message-VPN administration and management
- Topics structures, hierarchy, and best practices
- Client authentication & authorization management, client username, client profiles, ACL profiles
- Direct Messaging features like Shared Subscription and Eliding
- Guaranteed Messaging overview, queue provisioning and management
- Guaranteed Messaging patterns (LVQ, exclusive & non-exclusive queues, message filtering, queue browsing, message replay, DMQ, message expiration, redeliveries, rejection handling, priority-based congestion handling, [optional] JMS Topic Endpoints)
- Guaranteed Messaging resource management
- Messaging promotion and demotion
- Monitoring, Syslog, SEMP, events over the message bus
- High Availability for Software & Appliances
- Disaster Recovery & Replication
- Operational management, backups, upgrades, message-vpn migration
- Static bridges vs Dynamic Message Routing
- [Optional] PubSub+ Appliance network interfaces
- [Optional] PubSub+ Cache overview
- [Optional] REST Messaging administration and configuration
- [Optional] JMS Messaging administration and configuration
- [Optional] SolGeneos Agent for ITRS Monitoring

Delivery Method	Duration
Self-Paced e-Learning	20 hours of video lectures + hands-on activity
Private On-Site/Virtual Instructor-Led Training	3-days (8-hour day)

Prerequisites

- Solace Essentials (optional when delivered as instructor-led)

Certification/Badges

- Solace Certified PubSub+ Event Broker Administrator
- PubSub+ Event Broker Administrator ILT Completion – Digital Badge

PubSub+ Development

Description

This course provides the concepts needed to develop applications that leverage PubSub+ Event Brokers. The course is designed to provide a deep dive on any one PubSub+ API (Java/C/.NET), and optionally can covers an overview of open APIs and Protocols like MQTT, AMQP, REST, and JMS.

Topics

- Introduction to PubSub+ Platform and messaging concepts
- Solace Message-VPN administration and management
- Topics structures, hierarchy, and best practices
- Client authentication & authorization management, client username, client profiles, ACL profiles
- Direct Messaging features like Shared Subscription and Eliding
- Guaranteed Messaging overview, queue provisioning and management
- Guaranteed Messaging patterns (LVQ, exclusive & non-exclusive queues, message filtering, queue browsing, message replay, DMQ, message expiration, redeliveries, rejection handling, priority-based congestion handling, [optional] JMS Topic Endpoints)
- Messaging promotion and demotion
- PubSub+ API overview
- Sending & receiving messages
- Advanced Guaranteed Messaging concepts
- API monitoring and troubleshooting
- API best practices
- [Optional] Message & Structured Data Types
- [Optional] REST Messaging
- [Optional] MQTT Messaging
- [Optional] AMQP Messaging
- [Optional] PubSub+ Cache

Delivery Method	Duration
Private On-Site/Virtual Instructor-Led Training	2-days (8-hour day)

Prerequisites

- Solace Essentials (optional when delivered as instructor-led)

Certification/Badges

- This course does not offer a certification currently, but is planned for Spring 2021
- PubSub+ Developer ILT Completion – Digital Badge

PubSub+ Cloud Administration

Description

This course provides a deep dive into administrating and managing PubSub+ Cloud Event Streaming & Management services. The course also covers an overview of other components of PubSub+ Cloud such as Event Portal and Insights monitoring.

Topics

- Introduction to PubSub+ Platform and messaging concepts
- PubSub+ Cloud fundamentals and event streaming service deployment
- Topics structures, hierarchy, and best practices
- Client authentication & authorization management, client username, client profiles, ACL profiles
- Direct Messaging features like Shared Subscription and Eliding
- Guaranteed Messaging overview, queue provisioning and management
- Guaranteed Messaging patterns (LVQ, exclusive & non-exclusive queues, message filtering, queue browsing, message replay, DMQ, message expiration, redeliveries, rejection handling, priority-based congestion handling, [optional] JMS Topic Endpoints)
- Guaranteed Messaging resource management
- Messaging promotion and demotion
- High Availability for event streaming services
- Disaster Recovery & Replication
- Static bridges vs Dynamic Message Routing
- Monitoring, Syslog, SEMP, events over the message bus, PubSub+ Insights overview
- Operational management, backups, upgrades, message-vpn migration
- PubSub+ Event Portal overview
- [Optional] REST Messaging administration and configuration
- [Optional] JMS Messaging administration and configuration

Delivery Method	Duration
Private On-Site/Virtual Instructor-Led Training	3-days (8-hour day)

Prerequisites

- Solace Essentials (optional when delivered as instructor-led)

Certification/Badges

- Solace Certified PubSub+ Event Broker Administrator
- PubSub+ Cloud Administration ILT Completion – Digital Badge

PubSub+ Development & Administration

Description

This course provides a deep dive into administrating and managing Software and/or Appliance PubSub+ Event Brokers, along with developing applications using PubSub+ API. It combines topics from both the PubSub+ Event Broker Administration and the PubSub+ Development courses.

NOTE: Optional topics from both these courses are also applicable here.

Topics

- Introduction to PubSub+ Platform and messaging concepts
- Solace Message-VPN administration and management
- Topics structures, hierarchy, and best practices
- Client authentication & authorization management, client username, client profiles, ACL profiles
- Direct Messaging features like Shared Subscription and Eliding
- Guaranteed Messaging overview, queue provisioning and management
- Guaranteed Messaging patterns (LVQ, exclusive & non-exclusive queues, message filtering, queue browsing, message replay, DMQ, message expiration, redeliveries, rejection handling, priority-based congestion handling, [optional] JMS Topic Endpoints)
- Guaranteed Messaging resource management
- Messaging promotion and demotion
- High Availability for event streaming services
- Disaster Recovery & Replication
- Static bridges vs Dynamic Message Routing
- Monitoring, Syslog, SEMP, events over the message bus
- Operational management, backups, upgrades, message-vpn migration
- PubSub+ API overview
- Sending & receiving messages
- Advanced Guaranteed Messaging concepts
- API monitoring and troubleshooting
- API best practices

Delivery Method	Duration
Private On-Site/Virtual Instructor-Led Training	4-days (8-hour day)

Prerequisites

- Solace Essentials (optional when delivered as instructor-led)

Certification/Badges

- Solace Certified PubSub+ Event Broker Administrator
- PubSub+ Event Broker Development & Administration ILT Completion – Digital Badge

PubSub+ Cloud Development & Administration

Description

This course provides a deep dive into administrating and managing Event Streaming & Management services PubSub+ Cloud, along with developing applications using PubSub+ API. The course covers an overview of other components of PubSub+ Cloud such as Event Portal and Insights monitoring. It combines topics from both the PubSub+ Cloud Administration and the PubSub+ Development courses.

NOTE: Optional topics from both these courses are also applicable here.

Topics

- Introduction to PubSub+ Platform and messaging concepts
- PubSub+ Cloud fundamentals and event streaming service deployment
- Topics structures, hierarchy, and best practices
- Client authentication & authorization management, client username, client profiles, ACL profiles
- Direct Messaging features like Shared Subscription and Eliding
- Guaranteed Messaging overview, queue provisioning and management
- Guaranteed Messaging patterns (LVQ, exclusive & non-exclusive queues, message filtering, queue browsing, message replay, DMQ, message expiration, redeliveries, rejection handling, priority-based congestion handling, [optional] JMS Topic Endpoints)
- Guaranteed Messaging resource management
- Messaging promotion and demotion
- High Availability for event streaming services
- Disaster Recovery & Replication
- Static bridges vs Dynamic Message Routing
- Monitoring, Syslog, SEMP, events over the message bus, PubSub+ Insights overview
- Operational management, backups, upgrades, message-vpn migration
- PubSub+ Event Portal overview
- PubSub+ API Overview
- Sending & receiving messages
- Advanced Guaranteed Messaging concepts
- API monitoring and troubleshooting
- API best practices

Delivery Method	Duration
Private On-Site/Virtual Instructor-Led Training	4-days (8-hour day)

Prerequisites

- Solace Essentials (optional when delivered as instructor-led)

Certification/Badges

- Solace Certified PubSub+ Event Broker Administrator
- PubSub+ Cloud Development & Administration ILT Completion – Digital Badge

PubSub+ Architecture

Description

This course introduces architecting Event Driven solutions for PubSub+ Platform. It covers deep dives into several key areas of the platform such as Event Brokers, Monitoring, and Event Management and Governance.

NOTE: this course covers most of topics from the Event Driven Architecture Foundations course. If attendees have already taken that course, then the duration of this architecture training can be condensed to 2-days.

Topics

- Introduction to PubSub+ Platform and messaging concepts
- Event Driven Architecture (EDA) overview
- Event Driven 6+1 Step Methodology
- Event Driven design pattern walk throughs (Retry, Idempotent Processor, Publish-Subscribe, Deferred Execution, Async Request-Reply, Queue-based Load Levelling, Competing Consumer, Eventual Consistency, Sharding, Command & Query Responsibility Segregation)
- Event Driven Microservices overview and patterns (Choreography vs Orchestration, Saga, RESTful Async Microservices)
- EDA Methodology in practice using real-world use case
- Modeling EDA in Event Portal
- Topics & Taxonomy overview and best practices
- PubSub+ Cloud overview
- PubSub+ Event Brokers overview
- Event Mesh overview and use cases
- Solace Message-VPNs
- Authentication, authorizations, and security
- Direct Messaging & Guaranteed Messaging
- Guaranteed Messaging Patterns (LVQ, exclusive & non-exclusive queues, message filtering, queue browsing, message replay, DMQ, message expiration, redeliveries, rejection handling, priority-based congestion handling, [optional] JMS Topic Endpoints)
- High Availability overview
- Disaster Recovery & Replication overview
- Static bridges vs Dynamic Message Routing
- Vertical & Horizontal scaling overview
- Capacity Planning overview
- Performance overview
- Monitoring event brokers & services, Insights, PubSub+ Monitor, SEMP, Syslog
- PubSub+ API Overview
- iPaaS with Solace overview and use cases

Delivery Method	Duration
Private On-Site/Virtual Instructor-Led Training	3-days (8-hour day)

Prerequisites

- None

Certification/Badges

- This course does not offer a certification currently, but is planned for Summer 2021

Event Driven Architecture Foundations

Description

This course provides architects and developers with the fundamental knowledge and skills to become event driven.

Topics

- Being Event Driven
- Event Driven Architecture (EDA) overview
- Distributed Computing primer
- Event Driven 6+1 Step Methodology
- Event Driven design pattern walk throughs (Retry, Idempotent Processor, Publish-Subscribe, Deferred Execution, Async Request-Reply, Queue-based Load Levelling, Competing Consumer, Eventual Consistency, Sharding, Command & Query Responsibility Segregation)
- Event Driven Microservices overview and patterns (Choreography vs Orchestrations, Saga, RESTful Async Microservices)
- EDA Methodology in practice using real-world use case
- Identifying real-time candidate applications
- Identifying events and microservices
- Modeling microservices in Event Portal
- Topics & Taxonomy overview and best practices
- Event Mesh overview and use cases

Delivery Method	Duration
Self-Paced e-Learning	8 hours
Private On-Site/Virtual Instructor-Led Training	1-day (8-hour day)

Prerequisites

- None

Certification/Badges

- Solace Certified Event Driven Architecture Practitioner

Solace Partner Training

Description

This course is designed for Solace Partners who will be managing and administrating Solace infrastructure for other clients and combines topics from several courses. It covers administration, development, and some architecture concepts.

Topics

- Introduction to PubSub+ Platform and messaging concepts
- Solace Partner use cases and customer stories
- Solace Message-VPN administration and management
- Topics structures, hierarchy, and best practices
- Client authentication & authorization management, client username, client profiles, ACL profiles
- Direct Messaging features like Shared Subscription and Eliding
- Guaranteed Messaging overview, queue provisioning and management
- Guaranteed Messaging patterns (LVQ, exclusive & non-exclusive queues, message filtering, queue browsing, message replay, DMQ, message expiration, redeliveries, rejection handling, priority-based congestion handling, [optional] JMS Topic Endpoints)
- Guaranteed Messaging resource management
- Messaging promotion and demotion
- High Availability for event streaming services
- Disaster Recovery & Replication
- Static bridges vs Dynamic Message Routing
- Monitoring, Syslog, SEMP, events over the message bus
- Operational management, backups, upgrades, message-vpn migration
- PubSub+ API overview
- Sending & receiving messages
- API monitoring and troubleshooting
- API best practices
- PubSub+ Connectors
- Hybrid Cloud overview and use cases
- Solace with Boomi
- Solace with SAP

Delivery Method	Duration
Private On-Site/Virtual Instructor-Led Training	5-days (8-hour day)

Prerequisites

- None

Certification/Badges

- This course does not offer a certification but covers knowledge tested in other certifications
- Solace Certified Solutions Consultant
- Solace Certified Event Broker Administrator
- Solace Partner ILT Completion – Digital Badge

Intro to Solace for Partners

Description

Chris Wolski, VP Product Marketing at Solace, shares our perspective of where we fit in the digital tech stack and digital transformation priorities of your customers and prospects, in order to help you decide, when, where, and how to recommend Solace technology.

Contents

- What we do
- Why that's important
- Who we are
- Platform overview
- Customer examples

Customer sales presentation slide packs also included with course.

Delivery Method	Duration
Self-Paced e-Learning	30 mins

Sales Resources for Partners

Description

Key sales collateral for partners to use for presenting and positioning Solace with customers and prospects. Sales decks are updated every 2-3 months.

Contents

- Solace PoV Sales Deck
- Customer Snapshots
- Intro to PubSub+ Platform Deck
- PubSub+ Cloud Platform Decks
- PubSub+ Platform Deep-Dive Deck
- Comparing EDA Platforms
- PubSub+ Platform Brochure (US Letter)

Delivery Method	Duration
Self-Paced e-Learning	N/A

Partnering for Success with Solace

Description

Hear from Paul Fitzpatrick, Solace's Chief Business Development Officer, as he outlines new ways partners can earn, learn, and grow their business as a Solace partner. Then our Partner Enablement Director, Peter Malandra, will provide an overview of our Lead Referral Program and instructions on how to register a lead.

Contents

- Partnering at Solace
- Solace Partner Lead Referral Program Overview
- Meet our System Integrators
- Meeting our Technology Providers

Delivery Method	Duration
Self-Paced e-Learning	30 mins

Solace with Boomi iPaaS (Partner Version)

Description

This course is designed to help educate you on what an iPaaS is, why the Boomi iPaaS is so popular right now, and how Solace can help make it better.

Contents

- iPaaS basics
- Boomi basics
- Boomi VP
- Solace/Boomi JVP
- How Solace and Boomi integrate
- Solace connector now and future
- Co-deployment Reference Architectures
- How to get enabled

Delivery Method	Duration
Self-Paced e-Learning	1.5 hours

Event Driven Architecture Use Cases

Description

Discover how leading companies in a variety of industries are using EDA to underpin their digital transformations.

Contents

- Financial Services
 - Capital Markets Journey Through Event Driven Data | RBC Capital Markets
 - Standard Chartered Banks' EDA Journey with Sugata Sarkar - Part 1
 - Standard Chartered Banks' EDA Journey - Part 2
- Pharmaceuticals
 - Product mindset for APIs & Events with Roche
- CPG
 - Unilever's Virtual Ocean Control Tower
- Partners & SIs
 - Unlock Critical SAP Data and Extend Your Business Capabilities
 - Distributing Events in the Real World | Wipro Limited
- Telecom
 - Re-imagining Telco Technology and Operating Architecture | TPG Telecom / Vodafone
 - Improving Digital Touch Point Customer Experience | The XL Axiata Journey
- Transportation
 - Modernizing the US National Airspace System with EDA and Asynchronous Messaging
- Other
 - Embracing the Event Driven Future - The Hong Kong Jockey Club
 - EDA for a New Decentralized and Distributed Data Economy | Ecosteer

Delivery Method	Duration
Self-Paced e-Learning	6 hours

Event Driven Architecture Technology Solutions

Description

Learn about the technology solutions and services that can help you implement, plan, and manage your event-driven journeys.

Contents

- SAP's Journey Towards EDA
- Powering Your Event-Driven Enterprise with PubSub+ Platform: The IKEA experience
- Event-Driven Integrations at the heart of our iPaaS strategy with Boomi and Solace
- Liberate your Event-Driven Architecture (BCC)
- 8 Lessons Learned Deploying Event-Driven Enterprise Applications | Accenture

Delivery Method	Duration
Self-Paced e-Learning	2.5 hours

Partner Success Stories

Description

Success stories as presented by our select partners.

Contents

- NEC Partner Success
- Adaptris Partner Success
- Accenture Partner Success

Delivery Method	Duration
Self-Paced e-Learning	1.5 hours

PubSub+ Event Portal Enablement (Partner Version)

Description

This course is designed to enable Solace's Partner on PubSub+ Event Portal with the positioning, capabilities and pitch.

Contents

- Introduction
- Demo
- Target Market
- New Approach for Presenting
- Product Overview Pitch
- Product Capabilities
- Free Trial
- User Feedback
- Competitive Landscape
- FAQ
- Services for Event Portal

Delivery Method	Duration
Self-Paced e-Learning	1 hour

PubSub+ Cloud Enterprise Security Enablement (Partner Version)

Description

This course is designed to enable you on important security concepts, features, and architecture for the PubSub+ Cloud Platform.

Contents

- VPC Isolation
- Customer Data Protection
- System Security
- Operational Procedures
- GDPR & Compliance
- Business Continuity
- PubSub+ Cloud Security Architecture

Delivery Method	Duration
Self-Paced e-Learning	45 mins

PubSub+ Insights Enablement (Partner Version)

Description

This sales enablement course provides an overview of PubSub+ Insights where you will learn what it is, its core capabilities, value proposition, and how to demo, which will help to pitch and present Insights to your clients.

Contents

- Overview and Agenda
 - Monitoring Strategy
 - New Monitoring Deal
 - Comparing Monitoring Options
 - What's New In Insights
 - Recap
 - Some Fine Print
 - Some Recent Feedback
- Demo
 - Insights Overview
 - Estate Overview
 - Message Flow Overview
 - Message Flow Trends
 - Capacity Overview
 - Queues Overview
 - Other Dashboard and Metrics

Delivery Method	Duration
Self-Paced e-Learning	50 mins