NOZOMI NETWORKS | Academy

Nozomi Networks Academy

Nozomi Networks Academy offers public and private instructor-led training, on-demand courses, and self-directed eLearning to help you and your team excel in your understanding of Nozomi Networks solutions. If you're just getting started with Nozomi Networks or driving advanced OT and IoT security projects, we provide the training and resources you need to be successful every step of the way.

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Program Overview

State of Art
Learning Platform

The all-new **Nozomi Networks Academy** provides Nozomi Networks customers and partners with many new features:

- Easy visibility of class schedules and course descriptions prior to sign-in
- Access is secured via Single Sign-On from either the Customer Support Portal or the Partner Portal, with no need to create and maintain additional usernames and passwords
- Email delivery of enrollment codes allows for speedy registration into the public instructor-led training sessions when sessions are purchased via Purchase Order
- The Stripe integration supports secured credit card transactions for self-service purchases

Blended Curriculum
for Modern Learners

Our growing library of instructor-led and on-demand courses is designed to address cybersecurity skills gaps with a deep focus on our platforms and a recognition of the incredible scheduling challenges our customers and partners face today. Enhanced by engaging real-world scenarios in our interactive hands-on labs, we offer both short-form and long-form courses to aid in your understanding of the Nozomi Networks platform and help you achieve Nozomi Networks Certifications.

Digital Validation for
Technical Credentials

We are extremely excited to announce that we've recently partnered with Credly to provide Digital Credentialing and Validation for our Certified Engineers to recognize this important achievement through a digital badges.

The Nozomi Networks Certified Engineer (NNCE) credential is available upon the successful completion of the NNCE Certification Exam in the Academy. Certified Engineer status is valid for 2 years. Certified Engineers will be invited to attend the recertification course when it is time to renew certification. The recertification course is updated about twice a year and includes all the latest features and product updates.

For more information, visit **Nozomi Networks Academy** and **Nozomi Networks Certifications**.

On-Demand Courses
and eLearning

See Our On-Demand Courses

The launch of **Nozomi Networks Academy** in 2022 brings exciting new opportunities for learners!

Learn on YOUR schedule

We know that finding time as an active cybersecurity practitioner is an incredibly demanding challenge. The ever-growing library of on-demand courses and bite-size eLearnings are designed with learners' busy schedule in mind. We make it easy to sharpen your skills any time. The Self-Paced On-Demand (SPOD) offerings allow learners to purchase and start courses at your own pace.

NNCE On-Demand

Our foundational Nozomi Networks Certified Engineer (NNCE) course is now available on-demand. The On-Demand NNCE includes the same hand-on labs in the new state of the art virtual classroom as the ILT version of the course. The lab access is available for 21 days in the NNCE On-Demand offering from the time the student launches the lab environment.

Microlearning

The demands on our time and attention are greater than any point in history. Nozomi Networks Academy is continually providing our customers and partners a stream of bite sized eLearnings for a variety of topics for when you need answers in a hurry! Check back often as this category of courses will see expansive growth in the coming months.

Introduction to Nozomi Networks

Self-Paced, On-Demand Training

Course Description

This 20-minute eLearning course provides a high-level technical overview of who we are, what we do, and how our products help customers secure their Operational Technology (OT) and Industrial Internet of Things (IIoT) environments.

Learn about the unique security concerns related to industrial systems and how the Nozomi Networks solution addresses these concerns. It includes a detailed product demonstration.

Duration (Self-Paced)

- 20 minutes

Audience

- All Customers and Partners

Technical Requirements

- Participants will need a strong and stable internet connection at their location

Session Type

- **Self-Paced On-Demand:** The course is available through the Academy as a self-paced on-demand eLearning.

Learner Objectives

Upon completion of this training learners should be able to:

- Describe the verticals that Nozomi Networks operates in
- List the products included in the Nozomi Networks Solution Portfolio
- Articulate the unique architecture of OT systems
- Discuss the core passive and active monitoring capabilities of the Nozomi Guardian Solution

Product Number: N/A, FREE

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- Customer participants access Nozomi Networks Academy content via SSO through the Customer Support portal. A customer support portal account is required in advance to access Academy content. Partner participants access Nozomi Networks Academy content via SSO through the Partner Portal. A Partner Portal account is required in advance to access Academy content. Refer to our Frequently Asked Questions for more details and sign-in links.
- **Training Terms and Conditions** shall be governed by **Professional Services Terms and Conditions**.
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Nozomi Networks Certified Technical Sales Professional (NNCTSP)

Self-Paced, On-Demand Training

Course Description

Nozomi Networks Certified Technical Sales Professional (NNCTSP) course is a free self-paced online program available to internals, customers, and partners through Nozomi Networks Academy. This course is an excellent primer for the Nozomi Networks Certified Engineer course.

After passing the online quiz, you will receive the Nozomi Networks Technical Sales Professional certificate.

There are three attempts to pass the multiple-choice quiz.

Duration (Self-Paced)

- Self-Paced, approximately 2 hours on average

Technical Requirements

- Participants will need a strong and stable internet connection

Audience

- All Nozomi Networks Internals, Customers and Partners are welcome to register for this FREE eLearning

- Customers must have a Customer Support Portal Account prior to accessing the Academy

- Channel members must have a Partner Portal account prior to access the Academy

Learner Objectives

Upon completion of this training learners should be able to:

- Describe Nozomi Networks

- Explain what OT is, and OT and IoT security threats

- Discuss Vantage Cloud Architecture

- Understand the basics of the Purdue Model

- Find support resources and FAQs

- Recognize that Nozomi Networks offers Professional Services

- Pass the online multiple-choice quiz for Technical Sales Certification

- Have the requisite knowledge to successfully attend the Nozomi Networks Certified Engineer (NNCE) course

Session Type

- **Self-Paced On-Demand:** The course is available through the Academy as a self-paced on-demand eLearning.

- **Live Instructor-Led/Remote Instructor-Led:** Periodic live editions may be scheduled in certain regions by the Channel team. Partners should contact your Channel Manager for scheduling and registration into the instructor-led edition of this course.

Product Number: N/A, FREE

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Nozomi Networks Certified Engineer (NNCE)

Self-Paced, On-Demand Training

Course Description

Now available as self-paced, on-demand, you can complete the NNCE course on your own schedule.

Specifically created for the busy self-paced learner by expert learning experience designers, instructors and engineers, this course in loaded with engaging activities and interactive quizzes to keep you on track.

The course features the same instructional content as the instructor-led version and includes the same hands-on labs in an on-demand virtual lab environment. The interactive lessons and videos in this course will have you performing tasks in the Guardian platform from the very first hour.

Upon completion of the self-paced lessons, participants will automatically be enrolled into an opportunity to pass the NNCE Certification exam. Additional exam opportunities will be available for purchase if success is delayed.

Duration (Self-Paced)

- Approximately 12 hours of online work in 24 lessons and 28 hands-on practice labs
- 21-day access to virtual environment
- Lab environment work and exam must be completed within 21 days of launching the lab

Audience

- Customers and Partners performing Nozomi Networks solution installations, configurations, queries, and operations
- The NNCE is a pre-requisite for the Nozomi Networks Security Analyst (NNSA) and Nozomi Networks Advanced Troubleshooting (NNAT) courses

Prerequisites

- Participants need to understand TCP/IP network communication, IT network security principles

- Knowledge and experience on querying databases is an advantage

- Participants must have a pre-configured Customer Support Portal or Partner Portal account to access the training, no exceptions

Learner Objectives

Upon completion of this training learners should be able to:

- Describe the Nozomi Networks solution and platform

- Plan the scope of a Nozomi Networks installation including sizing, licensing, and connections to the monitored network

- Install and maintain the Nozomi Guardian platform

- Configure security features and alert management

- Assess risks and analyze alerts

- Create basic information extraction, query requests, reports, dashboards

- Configure management via CMC and understand Vantage management capabilities

- Explain Nozomi Networks' integration options

- Prepare themselves for the NNCE Exam

Technical Requirements

- All lab exercises are conducted in the new online classroom environment. Participants will need a strong and stable internet connection with ability to connect to CloudShare for access to the lab environments.

- Complete the **CloudShare speed test** prior to the start of class.

Session Type

- **Self-Paced On-Demand:** Upon registering you will have 180 days access to the NNCE lessons.

- You will have **21 days access** to the virtual lab environment from the moment you launch the lab. It is recommended that you schedule time to complete the labs in the first 21 days, then review the content at your own pace prior to launching the exam.

- The exam environment will become available after you complete the lessons. You will have 2 hours access to the exam environment when you launch the exam.

Product Number: PSO-NNCE-SPOD

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Instructor-Led Training (ILT)

See Our ILT Courses

Experienced Instructors

Our instructors are cybersecurity professionals with real-world experience in the Industrial Control Systems (ICS) and Operational Technology (OT) space. They combine their extensive real-world experience with quality technical training delivery. The CSAT scores for our ILT courses consistently average 9.6 or above on a scale to 10.

Hands-On Labs

Most courses include scenario-based simulations in hands-on lab exercises. Delivered from a brand-new state-of-the art cloud-based virtual classroom, the labs reinforce the learning objectives and give students real-world practice in the platform.

Convenient Scheduling

Our Instructor-Led courses are delivered as private on-site, private remote virtual meeting or in a public session. The courses may be purchased as individual seats in one of the publicly scheduled offerings or by private arrangement for group sessions of up to 12 students. We support many languages for private group training. See the **Nozomi Networks Academy** website for more details.

Global Reach

The sessions are conveniently scheduled across five global regions. We support many languages for private group sessions and routinely run public sessions in English and Spanish. See the **Academy NNCE page** for the dates, times and seat availability of the NNCE course, organized by region.

Nozomi Networks Certified Engineer (NNCE)

Instructor-Led Training (ILT) / Virtual Instructor-Led Training (VILT)

Course Description

This foundational course provides a strong understanding of Nozomi Networks products, including Guardian™, Central Management Console™ (CMC), and Vantage™. The hands-on exercises will empower you to use the Nozomi Networks solution to achieve a high level of OT and IoT cybersecurity and operational intelligence.

Featuring interactive sessions with a live technical instructor, the instructor-led NNCE offering has been designed to boost your learning under the direction of our seasoned technical experts. The expert instructors carefully structure the course to maximize the time spent in this 4-day event to ensure you get the most benefit from this investment.

Upon completion of the live event, participants will automatically be enrolled into one opportunity to pass the NNCE Certification exam. Additional exam opportunities will be available for purchase if your success is delayed.

Duration

- 4 full days; 6 hours instruction per day with scheduled mealtime and breaks

Audience

- Customers and Partners performing Nozomi Networks solution installations, configurations, queries, and operations
- The NNCE is a prerequisite for the Nozomi Networks Security Analyst (NNSA) and Nozomi Networks Advanced Troubleshooting (NNAT) courses

Prerequisites

- Participants need to understand TCP/IP network communication, IT network security principles

- Knowledge and experience on querying databases is an advantage

Learner Objectives

Upon completion of this training learners should be able to:

- Describe the Nozomi Networks platform

- Plan the scope of a Nozomi Networks installation including sizing, licensing, and connections to the monitored network

- Install and maintain the Nozomi Guardian platform

- Configure security features and alert management

- Assess risks and analyze alerts

- Create basic information extraction, query requests, reports, dashboards

- Configure management via CMC and understand Vantage management capabilities

- Explain Nozomi Networks' integration options

- Prepare themselves for the NNCE Exam

Technical Requirements

- All lab exercises are conducted in the new online classroom environment. Participants will need a strong and stable internet connection with ability to connect to CloudShare for access to the lab environments.

- Complete the **CloudShare speed test** prior to the start of class.

Instructor-Led Session Types *

- **Public Remote Session:** a 4-day instructor-led program hosted via Zoom, per the **training calendar**. Registration for public sessions closes 6 days prior to session start date. No changes may be made within 6 days of class session start. Learners must have a pre-configured Customer Support Portal or Partner Portal account to access the training, no exceptions. One exam attempt is included for each registered attendee.

- **Private Remote Session:** a 4-day instructor-led program hosted via Zoom. After purchase, dates and times shall be arranged in advance in collaboration with our training coordinator. Learners must have a pre-configured Customer Support Portal or Partner Portal account to access the training, no exceptions. One exam attempt is included for each registered attendee.

- **Private On-Site Session:** a 4-day instructor-led program held at customer preferred location. After purchase, dates and times shall be arranged in advanc, in collaboration with our training coordinator. Learners must have a pre-configured Customer Support Portal or Partner Portal account to access the training, no exceptions. One exam attempt is included for each registered attendee.

* Please see our full **Training Terms and Conditions** for more information on scheduling sessions.

Product Number: PSO-NNCE-SEAT, PSO-NNCE-GROUP

Nozomi Networks Advanced Troubleshooting (NNAT)

Instructor-Led Training (ILT) / Virtual Instructor-Led Training (VILT)

Course Description

This course prepares experienced customers and partners with the deep technical understanding and necessary skills to provide advanced troubleshooting and Tier2 level support support to customers and end-users. Participants will learn to troubleshoot more complex readings from the Guardian platform, including logs, commands, and processes.

Duration

- 1 full day; 6 hours instruction per day with scheduled mealtime and breaks

Audience

- Prior NNCE course attendance and NNCE Certification are strongly recommended before attending the NNAT course
- Thorough understanding of Nozomi Networks solutions
- Basic understanding of TCP/IP network communication and IT network security principles

Prerequisites

- Prior NNCE course attendance and NNCE Certification are strongly recommended before attending the NNAT course
- Thorough understanding of Nozomi Networks solutions
- Basic understanding of TCP/IP network

Learner Objectives

Upon completion of this training learners should be able to:

- Provide Tier2 level support on Nozomi Networks products
- Use standard FreeBSD command and Nozomi command available in Nozomi Networks appliances
- Describe Guardian/CMC Process, Guardian/CMC Connection, and Guardian/CMC OS Directory Structure
- Effectively read, comprehend, and use N2OS Guardian folders and logs
- Validate the N2OS Guardian processes are working correctly
- Perform Backup & Restore and Update
- Create Support Files
- Describe recurrent issues and questions
- Manage Alerts

Technical Requirements

- All lab exercises are conducted in the new online classroom environment. Participants will need a strong and stable internet connection with ability to connect to CloudShare for access to the lab environments.

- Complete the **CloudShare speed test** prior to the start of class.

Instructor-Led Session Types*

- **Public Remote Session:** a 1-day instructor-led program hosted via Zoom, per the training calendar visible for this course in Academy. Registration for public sessions closes 6 days prior to session start date. No changes may be made within 6 days of class session start. Learners must have a pre-configured Customer Support Portal or Partner Portal account to access the training, no exceptions.

- **Private Remote Session:** a 1-day instructor-led program hosted via Zoom. After purchase, dates and times shall be arranged in advance, in collaboration with our training coordinator. Learners must have a pre-configured Customer Support Portal or Partner Portal account to access the training, no exceptions.

- **Private On-Site Session:** a 1-day instructor-led program held at customer preferred location. After purchase, dates and times shall be arranged in advance per our training terms and conditions, in collaboration with our training coordinator. Learners must have a pre-configured Customer Support Portal or Partner Portal account to access the training, no exceptions.

* Please see our full **Training Terms and Conditions** for more information on scheduling sessions.

Product Number: PSO-NNAT-SEAT, PSO-NNAT-GROUP

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Nozomi Networks Security Analyst (NNSA)

Instructor-Led Training (ILT) / Virtual Instructor-Led Training (VILT)

Course Description

This course is designed to provide experienced customers and partners with the the technical skills to utilize the Nozomi Networks platform to provide security analysis and operations in a Security Operations Center (SOC). The hands-on scenarios are designed to help you use the Nozomi Networks solution to triage alerts and effectively report on events occurring within the environment being monitored. Instructional content and labs will introduce learners to concepts including network security, threat intelligence, risk and vulnerability assessment.

Duration

- 2 full days; 6 hours instruction per day with scheduled mealtime and breaks

Audience

- Customers and Partners who are Managed Security Service Providers (MSSPs) and/or Security Analysts utilizing Nozomi Networks products and tools

Prerequisites

- Thorough understanding of Nozomi Networks solutions
- Basic understanding of TCP/IP network communication and IT network security principles
- Prior attendance in the NNCE course is strongly recommended before the NNSA course

Learner Objectives

- Perform a deep dive into nodes, links, sessions, process variables and functions data collection

- Effectively use Nozomi Networks Query for anomaly detection, data exploration and aggregation

- Utilize the analysis tools to gather context around anomalies including Queries, Sandbox and Quarantined files, Yara Rules, Packet-Rule and STIX

- Describe MITRE and its application in the Nozomi Networks solution

- Explain Alert Prioritization basics based on risk standards and conventional frameworks e.g. NIST CSF & RMF, IEC 62443 & ISO 2700#

- Explain key indicators, and other enhancements

- Explain Stage 1 and 2 Kill Chain

- Explain why critical thinking is important to the alert triage process

- Demonstrate understanding of Dashboards and Reports for situational awareness

- Describe the use of Nozomi Networks Data Integration features for SIEM applications

Technical Requirements

- All lab exercises are conducted in the new online classroom environment. Participants will need a strong and stable internet connection with ability to connect to CloudShare for access to the lab environments.

- Complete the **CloudShare speed test** prior to the start of class.

Instructor-Led Session Types*

- **Public Remote Session:** a 2-day instructor-led program hosted via Zoom, per the training calendar visible for this course in Academy. Registration for public sessions closes 6 days prior to session start date. No changes may be made within 6 days of class session start. Learners must have a pre-configured Customer Support Portal or Partner Portal account to access the training, no exceptions.

- **Private Remote Session:** a 2-day instructor-led program hosted via Zoom. After purchase, dates and times shall be arranged in advance, in collaboration with our training coordinator. Learners must have a pre-configured Customer Support Portal or Partner Portal account to access the training, no exceptions.

- **Private On-Site Session:** a 2-day instructor-led program held at customer preferred location. After purchase, dates and times shall be arranged in advance per our training terms and conditions, in collaboration with our training coordinator. Learners must have a pre-configured Customer Support Portal or Partner Portal account to access the training, no exceptions.

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Product Number: PSO-NNSA-SEAT, PSO-NNSA-GROUP

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Nozomi Networks

The Leading Solution for
OT and IoT Security and Visibility

Nozomi Networks accelerates digital transformation by protecting the world's critical infrastructure, industrial and government organizations from cyber threats. Our solution delivers exceptional network and asset visibility, threat detection, and insights for OT and IoT environments. Customers rely on us to minimize risk and complexity while maximizing operational resilience.

nozominetworks.com