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elastic

Elastic Engineer Accreditation Workshop

Thank you for your interest in exploring this content.

Carahsoft is the **Trusted Government IT Solutions Provider**® supporting a broad portfolio of industry-leading technologies through GSA, NASA SEWP V, ITES-SW2 and a wide range of other contract vehicles.

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In partnership with Elastic, we provide technology solutions that drive modernization, strengthen operations, and ensure compliance with evolving government standards.

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ELASTIC SECURITY

Engineer Accreditation Workshop

Hosted at Carahsoft · Federal & Public Sector Partner SEs

PRESENTERS

- **Peter Gignac** Senior Solutions Architect — Partner
- **Thonda Taylor II** Senior Solutions Architect — Partner

August 11, 2026 | elastic · The Search AI Company

WORKSHOP OUTCOMES

Today's Goal

- ✓ Pass the accreditation test
- ✓ Demo Elastic Security confidently
- ✓ Position Elastic for federal use cases

Elastic Security SE Accreditation

Badge confirmed on-site today

- ✓ Hands-on SIEM lab experience
- ✓ Agentic SOC demonstration
- ✓ FedRAMP & SOAR differentiation

AUGUST 11, 2026 · CARAHSOFT

Workshop Agenda

TIME	DURATION	TOPIC
9:00-9:30	30 min	👋 Welcome, Setup & Accreditation Overview
9:30-10:00	30 min	🔍 Elastic Security Deep Dive
10:00-12:00	120 min	🧪 Security Analyst Essentials Lab (9.x)
11:30-12:30	60 min	🍽️ Lunch
12:30-1:30	60 min	🤖 Agentic SOC Demonstration
1:30-1:45	15 min	☕ Break
1:45-2:15	30 min	💬 Partner Q&A & Federal Discussion
2:15-2:45	30 min	🎖️ Accreditation Test & Badge Confirmation

SETUP

Before We Begin: Prerequisites

Partner Portal Access

1. Go to elastic.co/partners
2. Click ‘Partner Portal Login’
3. Select ‘Request Access’ if new
4. Required for accreditation registration
5. Takes ~5 minutes to complete

Environment Setup

- Laptop with browser (Chrome preferred)
- WiFi connected — confirm network
- Instruqt lab link ready:

  🔗 `https://ela.st/carahsoft-partners`

- Elastic partner portal login credentials

PARTNER ENABLEMENT

Partner Learning Paths — get engaged

From foundation to certified delivery — three levels, all self-paced. Free training starts today.

FREE TRAINING
elastic.co/training

PARTNER ENABLEMENT CENTER
elastic.co/partners

01 · START — 02 · CERTIFY — 03 · DELIVER

START HERE

Foundation & Accreditations

Self-paced · On-demand

- Elastic Fundamentals
- Search AI, Obs & Security Fundamentals
- Partner Portal overview & Workshops
- Partner Sales Professional track
- Partner Sales Engineer track
- Partner Solutions Architect track

Get Accredited → Partner Portal

GET CERTIFIED

Certifications

Self-paced · On-demand

- Elasticsearch Engineer
- Elastic Observability Engineer
- Elastic Security for SIEM
- Data Analysis with Kibana
- Free self-paced or paid ILT
- Cohorts up to 25

Earn Certifications → learn.elastic.co

GO DEEPER

Service Delivery Enablement

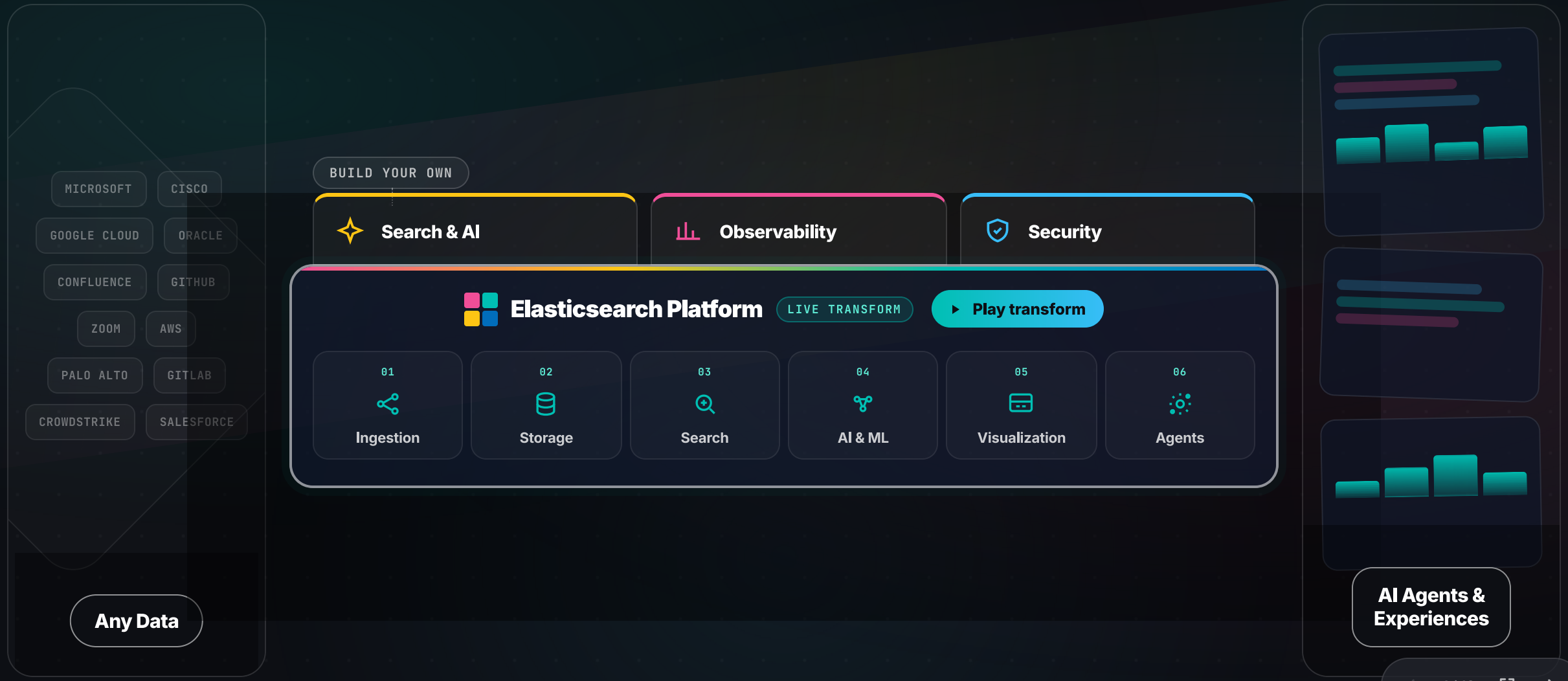
Requires certification

- Phase 1: Foundational labs & delivery
- Phase 2: Deep-dive in chosen area
- Phase 3: Assessment to validate readiness
- Unlocks billable delivery on engagements

Start Service Delivery → Partner Portal

ASK **Pick a path this week — accreditation first, then certs, then billable delivery. I'll help you get into the Partner Portal.**

Elastic provides precise context for AI and Search



SECURITY DEEP DIVE

Elastic Security: Core Tenets & Platform

SIEM
Unified security analytics for logs, metrics & alerts

Detection Engine
Rules-based + ML detection with MITRE ATT&CK mapping

AI Capabilities
Attack discovery, auto-triage & natural language queries

FedRAMP Ready
Authorized for US federal workloads & data sovereignty

CORE TENETS

Unified Security Operations
SIEM + EDR + Cloud Security on one platform. Single workflow for detection, investigation, and response.

Open and Transparent
300+ integrations, open-source rules, community-shared detections. No vendor lock-in.

Distributed Data Mesh
Federated search across distributed data sources. No centralization required.

AI-Powered Operations
AI Assistant uses NLP to streamline alert investigation, incident response, and query generation.

TEST NOTE

"Approach Agent-less Data Collection" is **NOT** a core tenet — Elastic uses Elastic Agent for data collection.

Storage tiers: data ages down. Cost falls.

Hot → Warm → Cold → Frozen — automated lifecycle. Frozen lands as a searchable snapshot in S3.

Consumption / cost — Storage spend drops as data ages through each tier — $$$ → ¢

Query stays live — Search slows a bit — no re-hydration, still online — ms → min

Hot

NOW · DAYS

COST / GB — $$$

Fast SSDs · full replicas

QUERY — ms

Instant search

Real-time detections, ML jobs & live dashboards.

Warm

WEEKS

COST / GB — $$

Fewer replicas · still local

QUERY — ~s

Still quick

Recent history — queried less often, still snappy.

Cold

MONTHS

COST / GB — $

Dense nodes · max compress

QUERY — secs

Slower · still online

Compliance window without the SSD bill.

Frozen

YEARS

COST / GB — ¢

Object store pricing

QUERY — min

No rehydrate · still searchable

SEARCHABLE SNAPSHOT

Lives in S3

Query object storage without restoring a full copy first. Enterprise.

S3 · object store

PUNCHLINE **100% searchable across every tier — no re-hydration. Frozen = searchable snapshot in S3.**

AUTOMATED ILM · COST ↓ · YEARS RETAINED

Deployment, Licensing & Architecture

Licensing Tiers

- **Free / Basic**: Core features only
- **Platinum**: Advanced ML features
- **Enterprise**: Searchable Snapshots + Endpoint Response Actions + ECK automation

Pricing: resource-based. **Single SKU** — Security + Observability + Search.

MSSP Multi-Tenancy

- Dedicated cluster per tenant **(recommended)**
- Optional overview via Cross-Cluster Search (CCS)
- Single shared cluster for all tenants **NOT recommended**
- Independent scaling + data isolation per tenant

Monitoring Best Practice

Use a **DEDICATED** Elastic deployment for monitoring — never the production cluster. If production has issues, a co-located monitoring setup is also unavailable.

Endgame Migration: Soak Period

Run Elastic Agent alongside Endgame Sensor. Confirm Elastic Defend detects the same events before full cutover. **NOT** for backups, analyst training, or system reboots.

SECURITY DEEP DIVE

Cloud Security, MTTR & Certifications

Cloud Security & CSPM

- **CSPM** identifies misconfigurations AND detects real-time threats in cloud environments.
- **Coverage:** AWS, Azure, GCP — runtime threats, compliance posture, misconfiguration alerts.

SIEM EDR Cloud Security

Elastic Certifications for Security Professionals

DEEP TECHNICAL

Elastic Certified Engineer

Cluster management, performance, and configuration.

SECURITY-SPECIFIC

Elastic Security for SIEM

Threat detection, investigation, and response workflows.

Reducing MTTR

Elastic treats security as a **data problem** — enabling comprehensive analysis and rapid threat hunting across all sources. This underpins attack progression insights + IR workflow integration.

Beyond This Badge

This workshop earns the **Security SE accreditation**. Full certifications are deeper, exam-based paths available in the Elastic partner portal.

LAB

Hands-On Lab: Security Analyst Essentials

90–120 minutes | **Elastic 9.x** | Self-paced via Instruqt | https://ela.st/carahsoft-partners

01

Elastic SIEM

- → Navigate the Security dashboard
- → Ingest & normalize log sources with ECS
- → Build timeline investigations
- → Host isolation and response actions

02

Detection Engine

- → Enable prebuilt MITRE ATT&CK rules
- → Create a custom threshold detection rule
- → Manage alerts: triage, investigate, close
- → Understand rule severity & risk scoring

03

AI Capabilities

- → Run Attack Discovery on alert clusters
- → Use the AI assistant for triage queries
- → Write ES|QL queries in natural language
- → Review AI-generated case summaries

AGENTIC SOC · AIOPS PIPELINE + ELASTIC WORKFLOWS · 12:30–1:30 PM

From alert to closed case — machine speed, human judgment

01

Alert Ingestion

Unify the signal plane before AI ever touches a case.

Logs · EDR · Cloud telemetry

02

AI Triage

Prioritize real attacks and collapse noise into narrative.

Attack Discovery · Auto-summarize

03

Elastic Workflows

Automate response with platform-native logic — no bolt-on SOAR tax.

Automated response · SOAR-free logic

04

Resolution & Report

Close the loop with an AI-written narrative ready for leadership.

Case closed · AI narrative

KEY TAKEAWAY

Elastic Workflows replaces standalone SOAR — native automation at no additional license cost.

ARCHITECTURAL COMPARISON

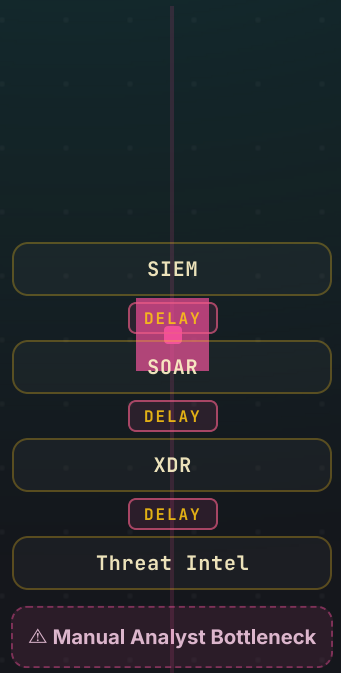
You can't bolt on an Agentic SOC

Meeting adversaries at machine speed requires a platform where data, AI, and automation are native.

HUMAN-IN-THE-LOOP

Legacy SOC

Slow, manual process. Analyst is the bottleneck. Disconnected tools create friction.



PRIMARY FOCUS

HUMAN-ON-THE-LOOP

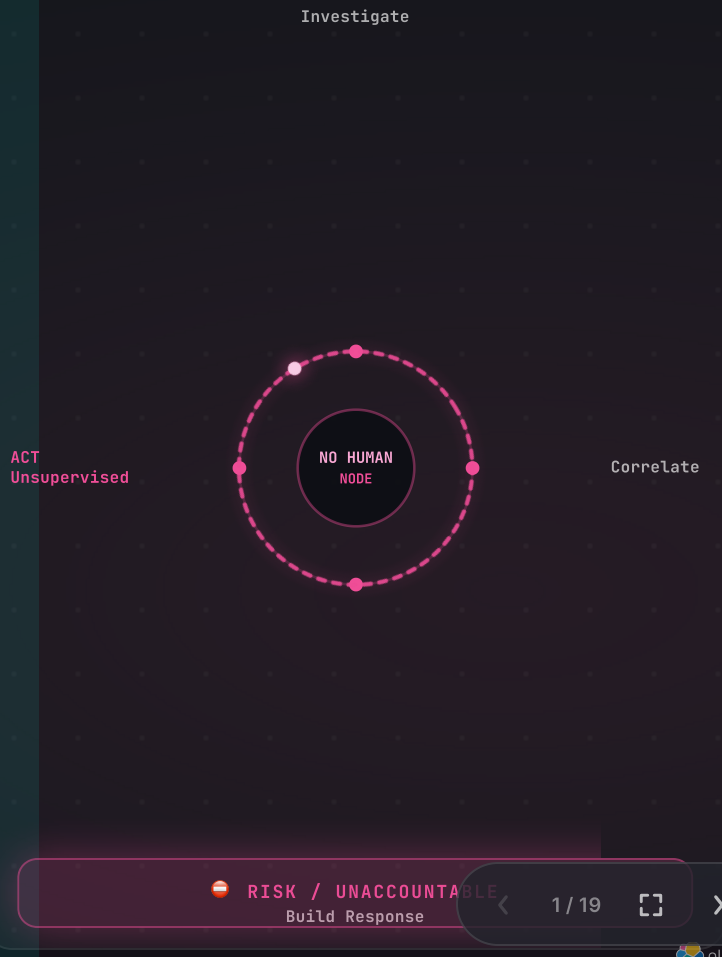
Agentic SOC

Machine speed with human judgment. Platform builds, analyst approves. Native, unified architecture.

NO OVERSIGHT

Theoretical Autonomous SOC

No human oversight. Risky and irresponsible. Not for security teams.



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ACCREDITATION PREP

Test Review: Know Before You Go

25 questions · ~30 minutes · Pass = badge awarded on the spot

Core Tenets & Platform

4 TENETS — KNOW ALL

Unified Ops | Open / Transparent | Data Mesh | AI-Powered Ops

TRAP

"Agent-less Data Collection" is **NOT** a tenet.

UNIFYING STACK

SIEM + EDR + Cloud Security on one single-SKU tech stack.

Data Architecture

ELASTIC AGENT — TWO JOBS

Protects hosts **AND** queries OS for detection data.

PIPELINES VS ECS

- **Pipelines:** pre-indexing transform — not viz/access
- **ECS:** common fields; 300+ auto-normalized

ANY DATA, ANY SOURCE

Apps, Cloud, DBs, Hosts, Users, Network, IoT/OT.

Detection and AI

1,000+ PREBUILT RULES

Aligned to **MITRE ATT&CK** — not NIST, ISO, or OWASP.

ATTACK DISCOVERY & AI ASSISTANT

Prioritizes attacks into AI narratives; NLP streamlines investigations & queries.

AUTOMATION

Correlation rules + AI/ML — **not** static/manual only.

Storage Tiers & Retention

- **Hot:** real-time detections, ML jobs, live dashboards — fastest
- **Warm:** recent data, queried less often
- **Cold / Frozen:** Searchable Snapshots — low-cost long-term. Requires **Enterprise** (not Free/Basic or Platinum)

Licensing and Deployment

PRICING & MULTI-TENANCY

Resource-based (no per-user). **Dedicated cluster per tenant** — shared cluster not recommended.

ENTERPRISE UNLOCKS

Searchable Snapshots · Endpoint Response Actions · ECK automation.

MONITORING

Dedicated deployment — never monitor on production itself.

Cloud, MTTR & Migration

CSPM

Misconfigurations **AND** real-time cloud threats.

ENDGAME SOAK & MTTR

Run Agent + Endgame for parity. Security as a **data problem** → rapid hunting.

CERTIFICATIONS

Elastic Certified Engineer · Elastic Security for SIEM — deep exam paths.

⚠ HIGH-YIELD WATCH-OUTS

"Agent-less" is NOT a tenet · Hot tier = real-time detections · **Enterprise** for Searchable Snapshots · CSPM = misconfigs **AND** real-time threats · **MITRE ATT&CK** (not NIST or ISO)

CLOSE

Accreditation Test & Badge

2:15–2:45 PM · **Badge confirmed on-site today**

What to Expect

FORMAT	Partner portal online assessment
DURATION	Approximately 30 minutes
COVERAGE	SIEM, Detection Engine, AI features
SCOPE	Elastic 9.x content from today's lab
PASS	**Badge awarded immediately** upon passing
RETAKE	Available if needed after review

Steps to Get Your Badge

1. Log in to the Elastic Partner Portal
2. Navigate to Training & Accreditation
3. Select 'Elastic Security SE Accreditation'
4. Complete the assessment
5. Download and share your badge
6. Add to LinkedIn & partner portal profile

YOU'RE ACCREDITED

You're Now an Elastic Security SE

Share Your Badge

LinkedIn + partner profile

@Elastic

Run a Customer Demo

Use **today's lab flow** as your demo script

Enable Your Team

Share the **Instruqt link** with your colleagues

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