

ACTION PLAN ON CYBERSECURITY AND ARTIFICIAL INTELLIGENCE

July 2026 #DigitalEU

Latest developments in AI are marking a shift in cybersecurity. AI capabilities enable faster and more scalable cyber operations: they may be exploited by malicious actors, but they are also crucial in addressing emerging threats more effectively.

We must build on the EU's unique **AI and cybersecurity legal frameworks**, and on cooperation between EU organisations, Member States, businesses, open source communities and international partners.



Forging Europe's own way to safe Advanced AI



Understand advanced AI and related risks before market release



Gain knowhow in using advanced AI models for cybersecurity

Define a **Blueprint** to facilitate access for European actors to the most advanced AI-enabled cyber capabilities



Q4 2026

Develop **secure testing environments** for AI models for cybersecurity use cases

Nurture homegrown expertise by launching a call to establish an **EU evaluation capacity for AI models**



2027



Reinforcing the EU's cybersecurity preparedness



Implement cybersecurity fundamentals & deploy AI for cyber resilience



Accelerate vulnerability management and patching to match AI-speed



Support open source security

The EU cybersecurity agency (ENISA) will issue **guidance and best practices** and advisories to protect against AI-enabled AI cybersecurity

Launch joint efforts to accelerate patching of most critical open source software via pilot of a **Critical Open Source Resilience Campaign**



As of Q3 2026



Q4 2026

Commission, ENISA, Member States, and industry will work together to make existing **vulnerability management practices and tools fit for the AI age**



Scaling European capabilities for cyber



Stimulate the European market for AI-enabled cyber solutions



Build European general-purpose frontier AI capabilities



Empower the cybersecurity workforce to use AI across sectors

Facilitate **access to AI Factories** as they become gradually operational to test, train and deploy advanced AI models for cyber resilience

Start developing **trainings for professionals** on the use of AI for cybersecurity under the Cybersecurity Skills Academy



As of 2026



Q4 2026

Launch an **EU Grand Challenge** to help scale European AI-powered cybersecurity solutions



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