A perspective view of a city street, likely in New York City, showing elevated train tracks in the foreground and tall buildings lining the street. The image is used as a background for the presentation slide.

Advanced RADIUS implementation and uGuest

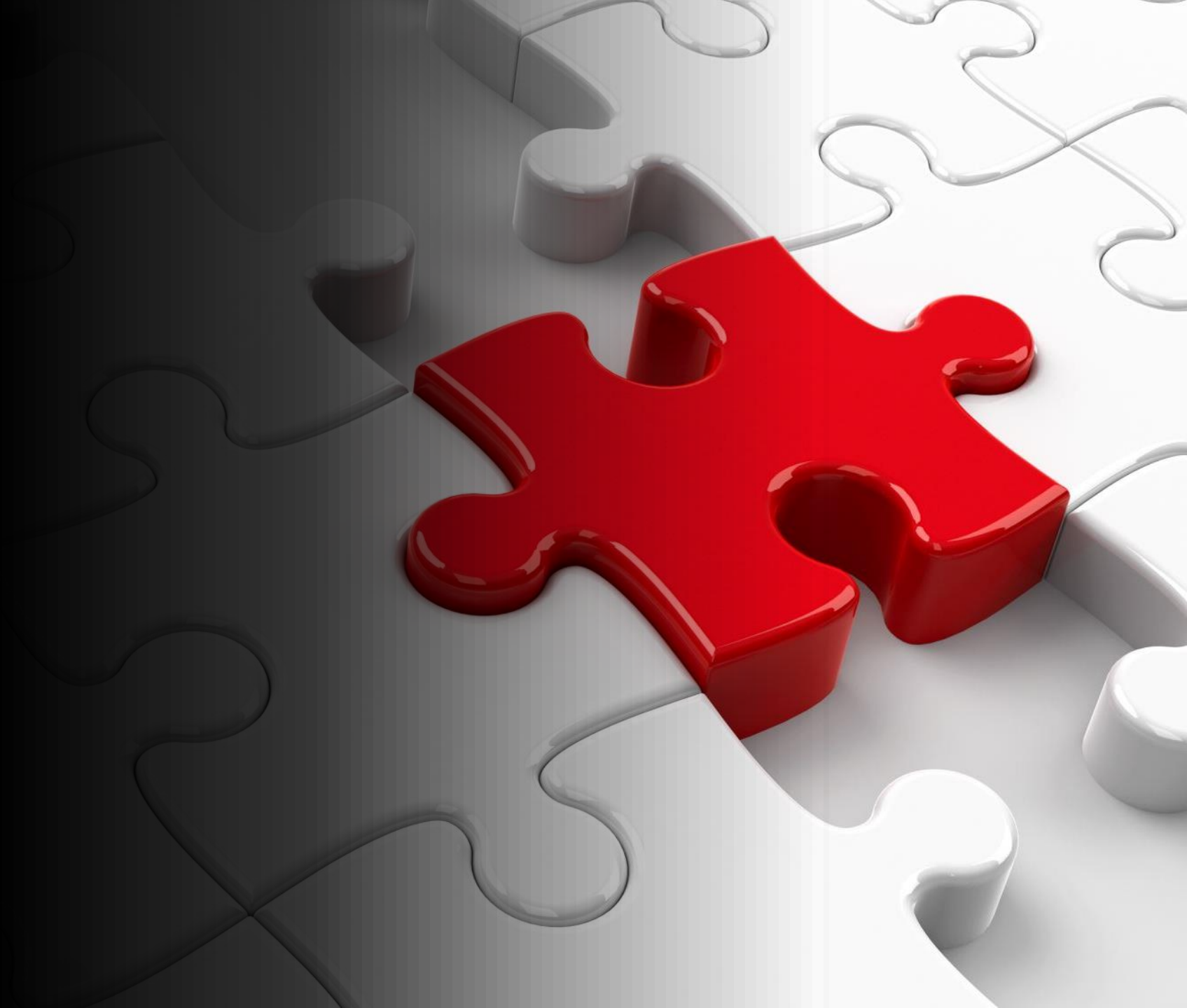
User and Guest Wi-Fi
Authentication in a Dockerized
Landscape

*Kostas Kalevras, DevOps Engineer,
GUNet*



Agenda

- RADIUS
 - Institution needs
 - GUNet RADIUS
- uGuest





RADIUS Needs

- Service Stack
 - Wi-Fi
 - SP (on premises Wi-Fi)
 - IdP (Eduroam)
 - VPN
- Integration with IDM
- CAT profiles
- Log Visualization

GUNet RADIUS service

- IDM integrated
- Full protocol stack (PEAP, TTLS-PAP)
- Wi-Fi + VPN integration
- Dockerized installations
 - Full CI/CD pipeline
 - Rapid development / deployment
- GUNet managed
 - CAT profiles
 - Server certificate CA
- Log visualization (uSIEM)

uGuest web interface

- IDM integrated
- Temporary guest / conference accounts
- Automatic lifecycle management
- LDAP filters everywhere
- SMS / E-mail notifications
- Full protocol stack (PEAP, TTLS-PAP)
- Integrated with GUNet RADIUS
 - Specific VLAN
 - Named ACLs



Xristos Dokimastikos Αποσύνδεση
EN EL

uGuest

Καλωσήρθατε στην υπηρεσία προσωρινών λογαριασμών πρόσβασης στο διαδίκτυο.

👤 Ενεργοί συνεδριακοί λογαριασμοί: 0 (Μέγιστος αριθμός 2)

👤 Ενεργοί λογαριασμοί επισκεπτών: 2 (Μέγιστος αριθμός 5)

Προσθήκη +

Username	Πλήρες Ονομα	Δημιουργία	Λήξη	Εργαλεία
7fu_guest1	My Guest	20/06/2023	21/06/2023	👁️ ✎️ 🗑️
7fu_guest2	My Guest	20/06/2023	21/06/2023	👁️ ✎️ 🗑️

The background features a dark, monochromatic image of interlocking gears, creating a sense of mechanical complexity. Overlaid on this are several decorative elements: a large, semi-transparent circle on the left side; a vertical rectangle with four horizontal dotted lines in the top right corner; and several concentric dotted circles and vertical dotted lines in the bottom left and bottom right areas.

uGuest Live Demo