

A large, abstract blue watercolor splash dominates the background, with various shades of blue and white. At the bottom, there are smaller, more vibrant blue and teal splatters and dots.


WAF

(Web Application Firewall)

Cyber Security Foundation Course

A large, irregular watercolor splash in shades of blue, purple, and green, centered on the left side of the slide. The word 'AGENDA' is written in white, bold, sans-serif capital letters across the center of this splash.

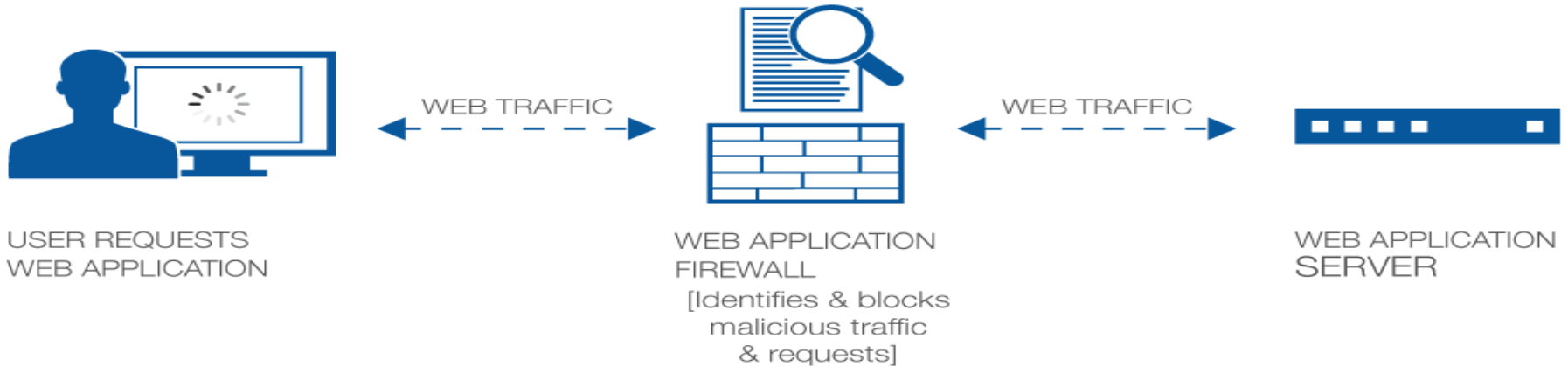
AGENDA

- Definition
 - WAF Modes
 - How WAF Work
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- A horizontal band of small, scattered blue and cyan ink splatters and dots along the bottom edge of the slide.

WAF Definition

A web application firewall (WAF) is a layer 7 appliance, protects web applications from a variety of application layer attacks such as (SQL Injection, HTTP Flood, Cross site Scripting)

WEB APPLICATION FIREWALL



WAF Modes

- **Learning Mode:** learn the WAF, what's the normal behavior of the Clients Inputs.
- **Active Mode:** Block the malicious Inputs.
- **Passive Mode:** don't Block the malicious Inputs instead just Log it.



How WAF Works

1. WAF learn the normal traffic during the learning mode
2. Malicious Traffic Signature Based
3. signatures Based (IP, URL, User Agent, etc..)
4. Abnormal Behaviors



Thanks!

Any questions?

