



Protecting your Applications no matter where they live

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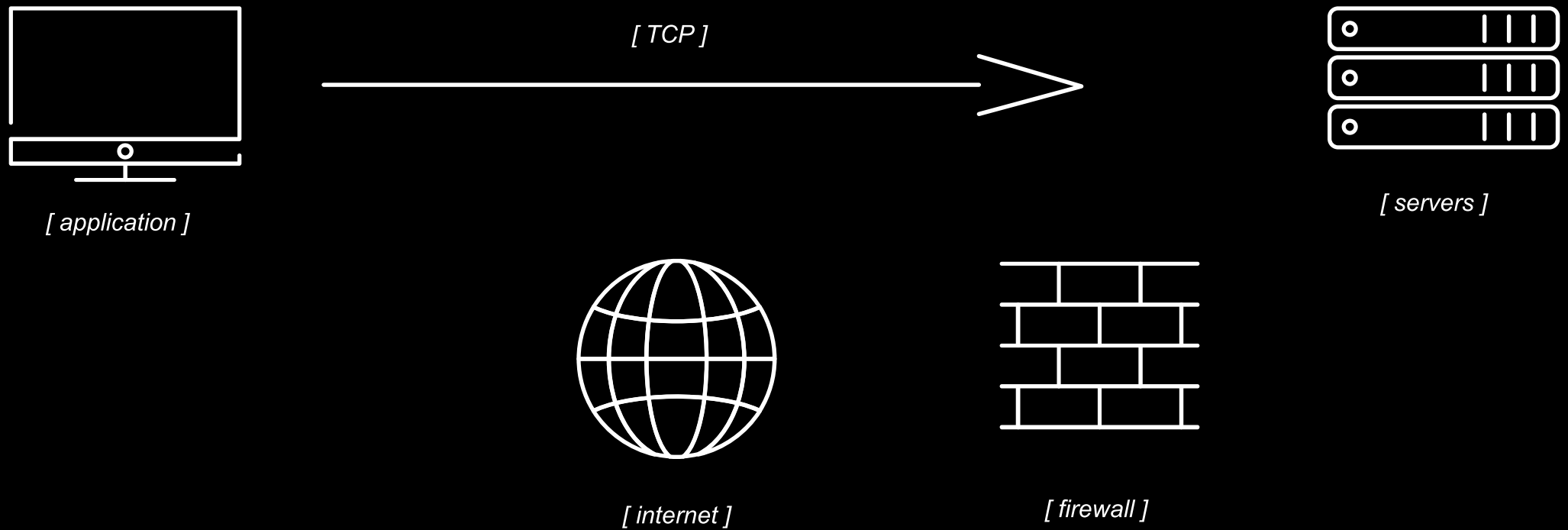


DEPLOY.PROTECT.REPEAT

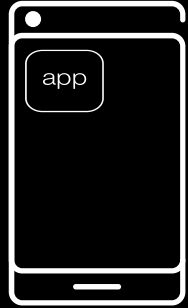
Application deployments



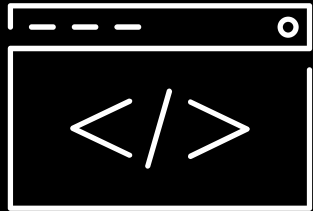
Legacy applications



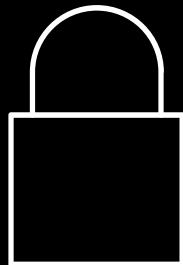
Web applications and APPs



[smart device]



[browser]



[SSL]



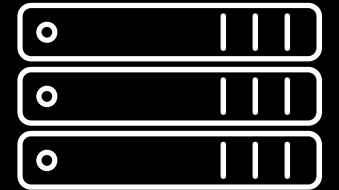
[internet]



[security inspection]

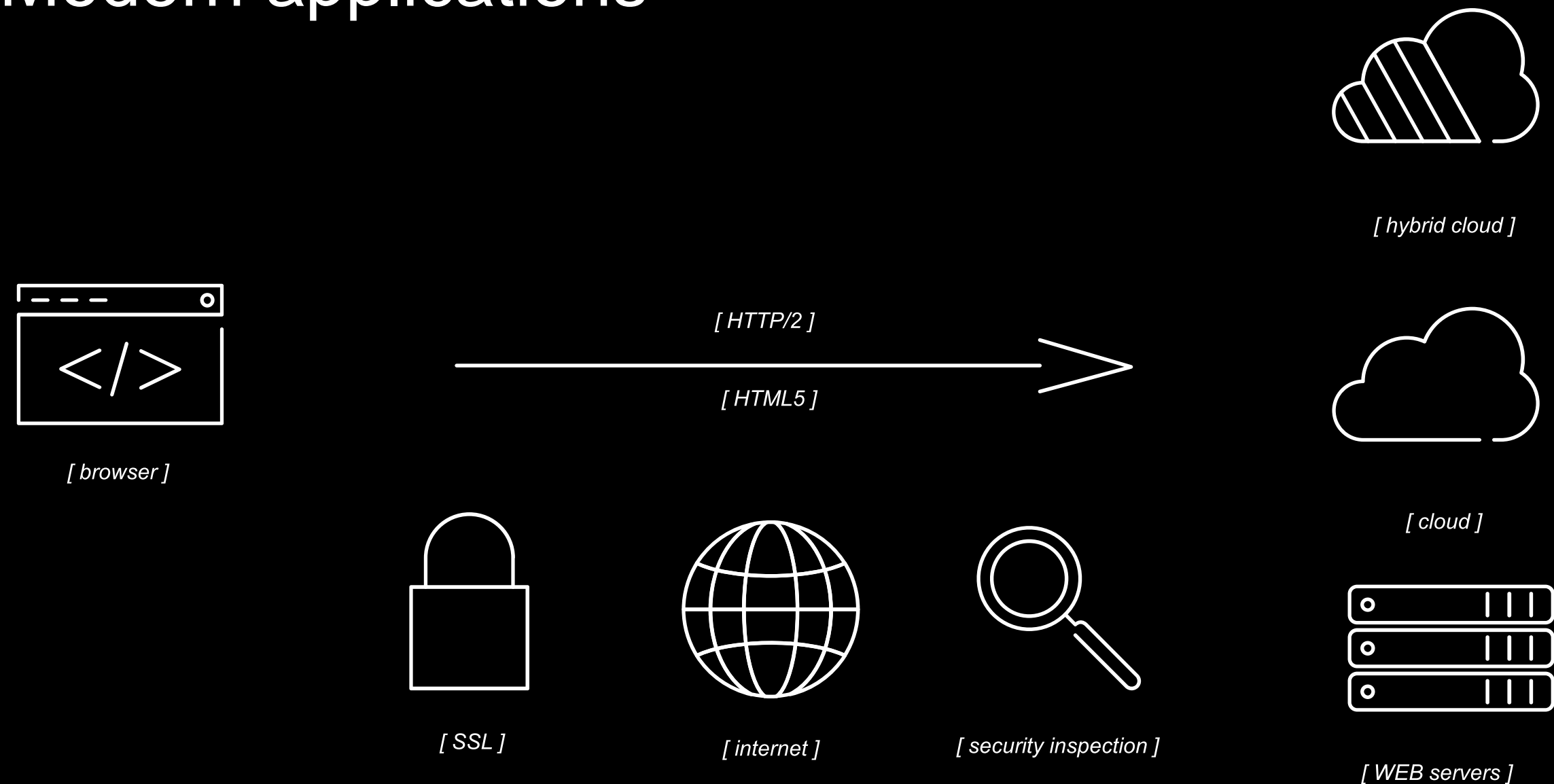


[hybrid cloud]

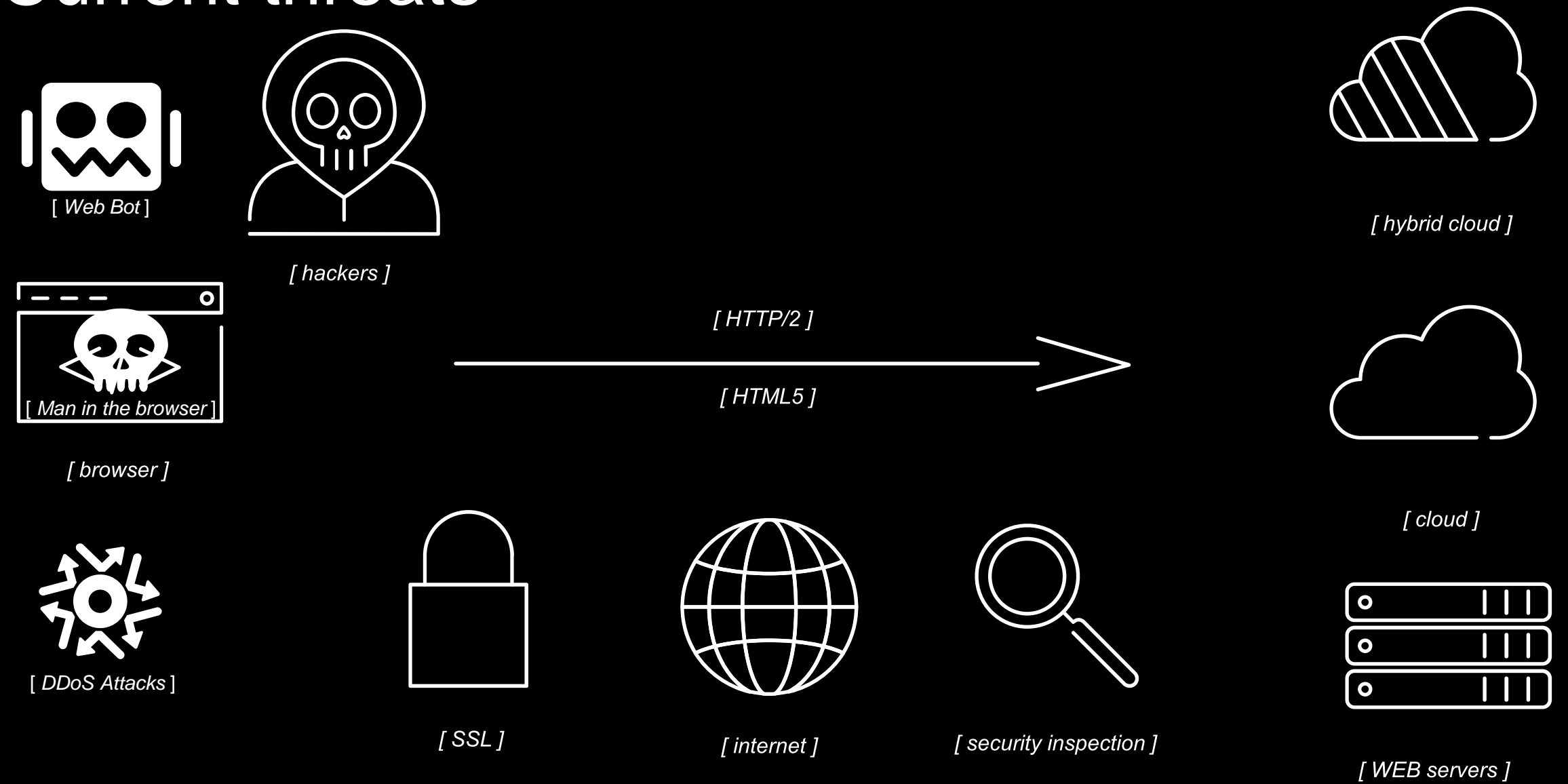


[WEB servers]

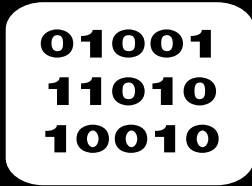
Modern applications



Current threats



Current threats - categories



[*known attacks*]



[*unknown attacks*]



[*automated attacks*]

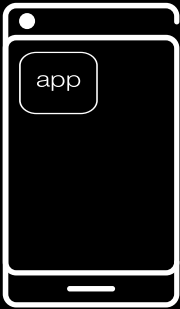


DEPLOY.PROTECT.REPEAT

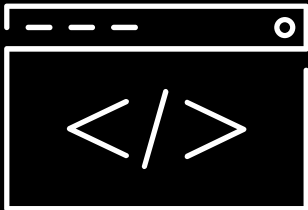
DEPLOY



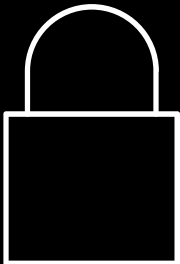
DEPLOY



[smart device]



[browser]



[SSL]



[internet]



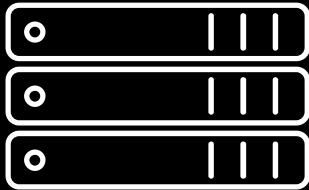
[security inspection]



[hybrid cloud]



[cloud]

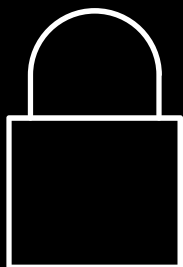


[WEB servers]



DEPLOY

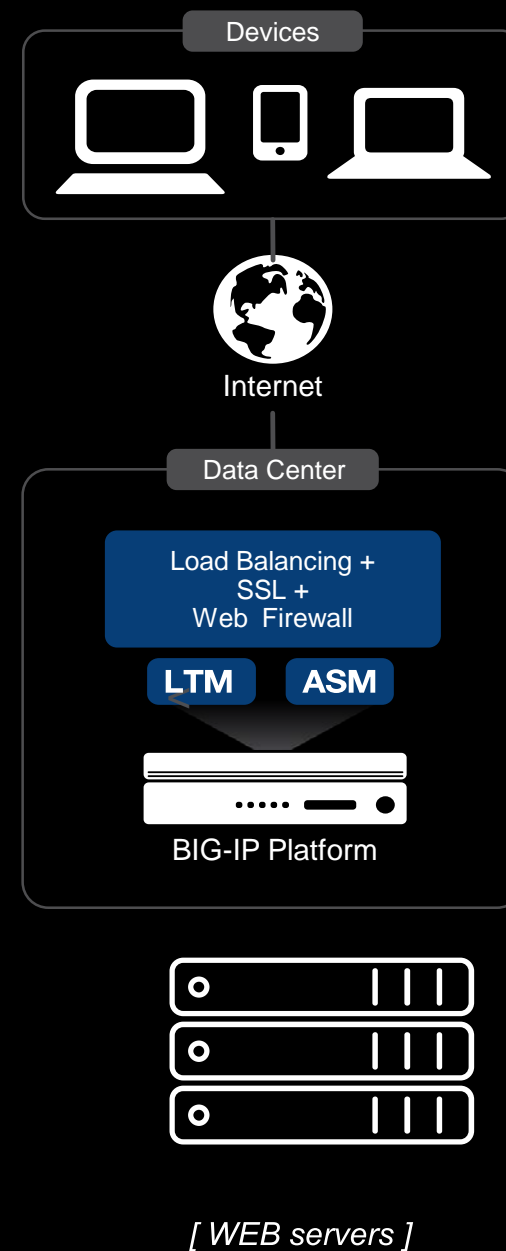
Traditional data center setup



[SSL]

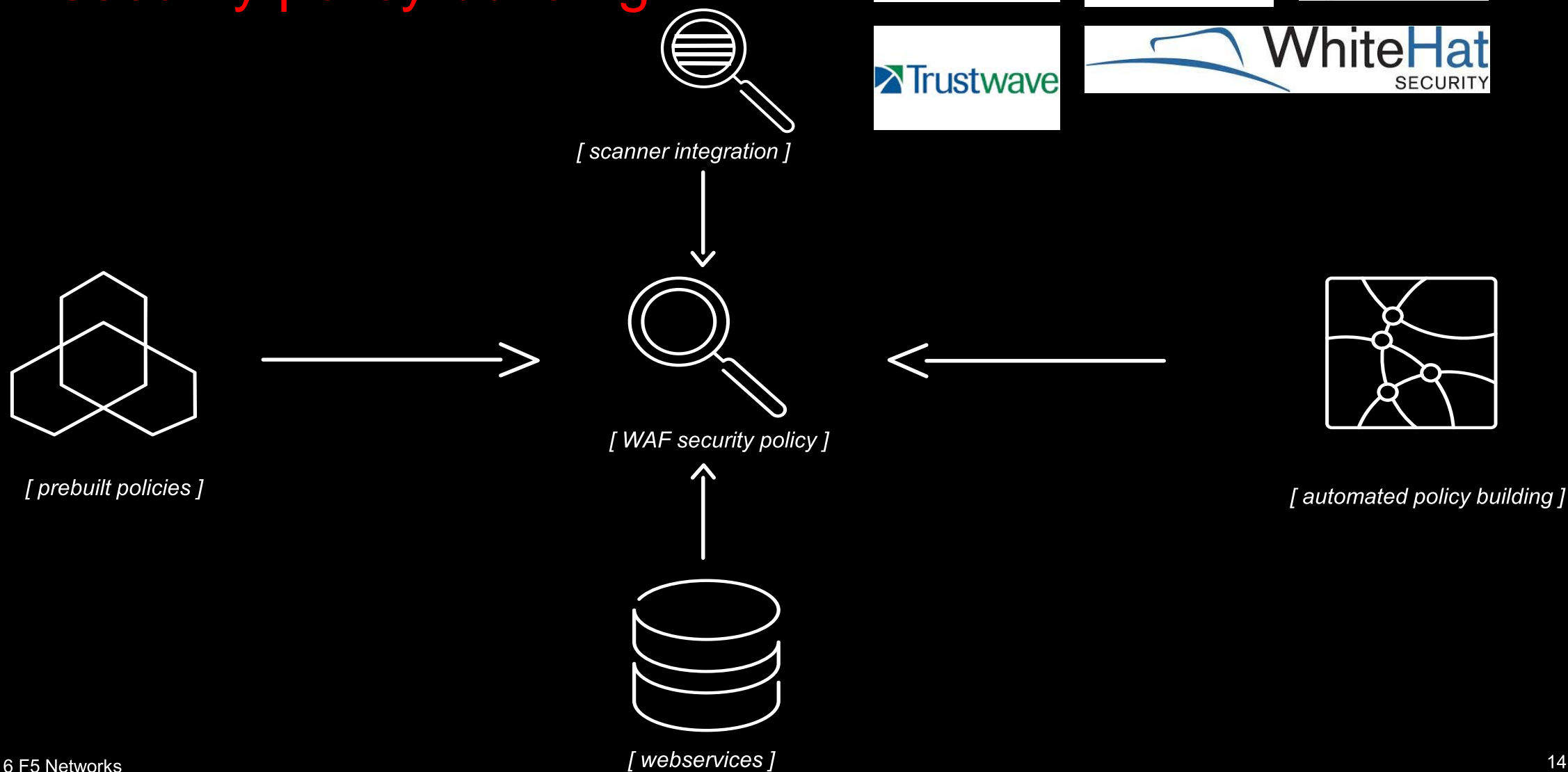


[security inspection]



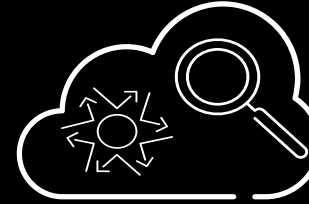
DEPLOY

WAF security policy building



DEPLOY

Managed service



[Silverline]



[hybrid cloud]



[cloud]



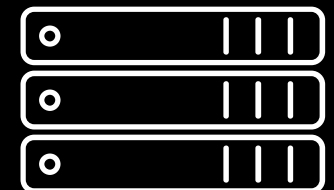
[MSP]



[managed service]



[security inspection]

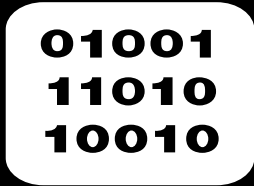


[WEB servers]

PROTECT



Current threats



[*known attacks*]



[*unknown attacks*]



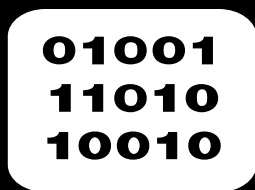
[*automated attacks*]

PROTECT

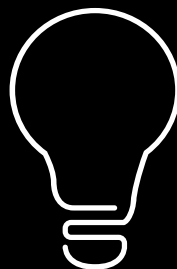
Known attacks

01001
11010
10010

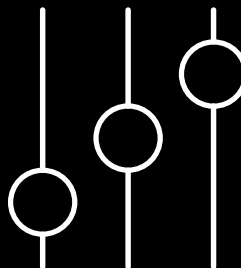
[*known attacks*]



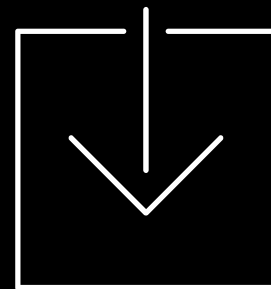
[*signatures*]



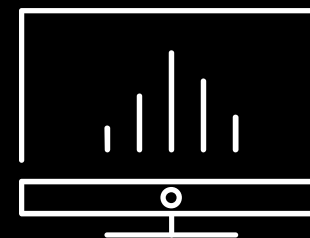
[*normalization*]



[*staging*]



[*auto update*]



[*visibility and reporting*]

PROTECT

Unknown attacks



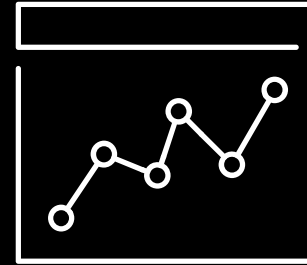
[unknown attacks]



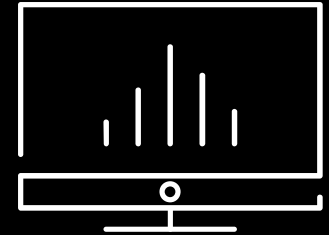
[RFC]



[limits and character sets]



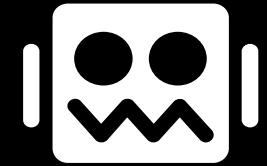
[session tracking]



[visibility and reporting]

PROTECT

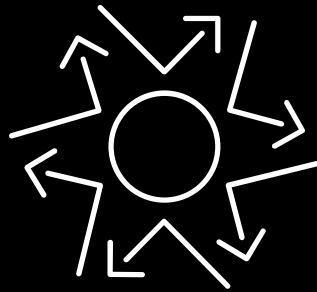
Automated attacks



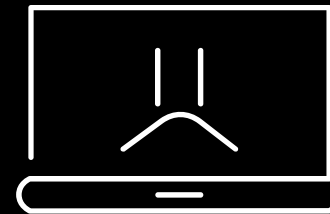
[*automated attacks*]



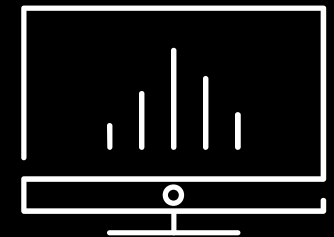
[*fingerprinting*]



[*application DOS protection*]



[*user challenge*]



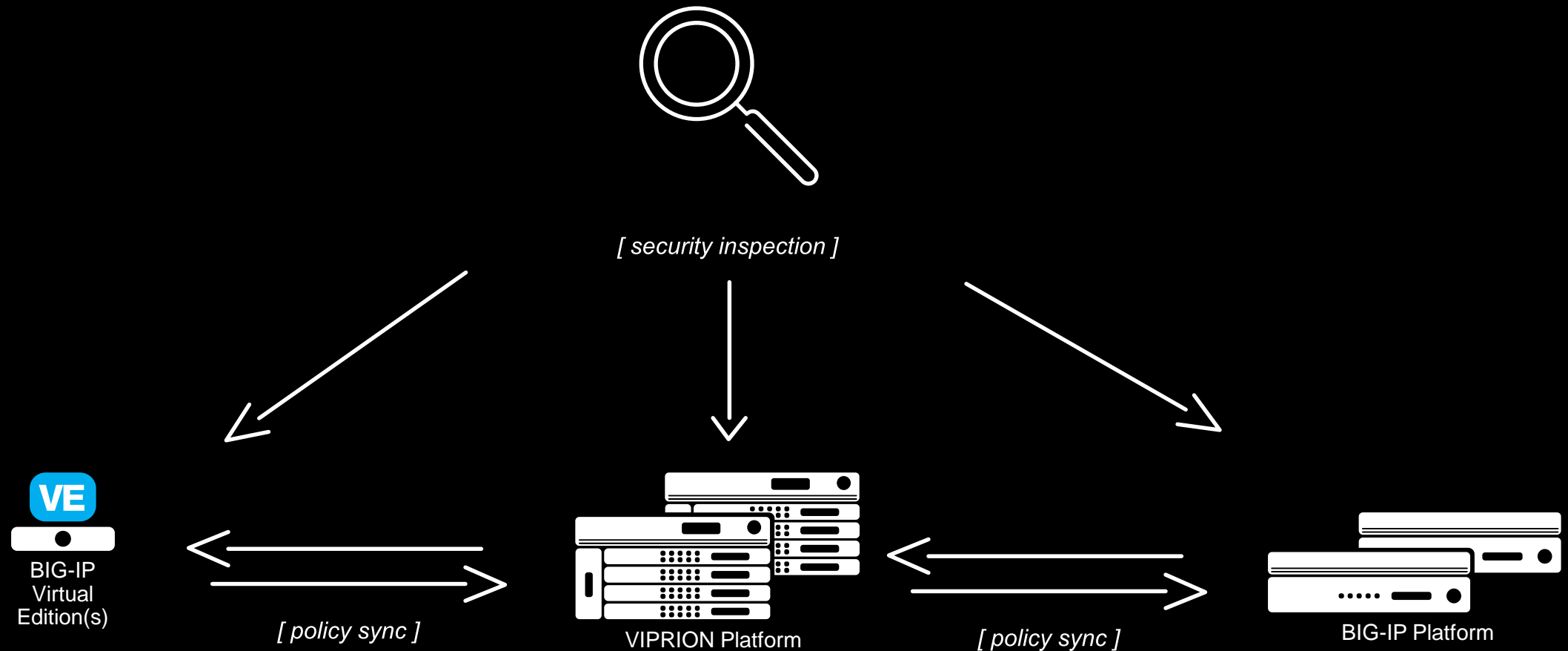
[*visibility and reporting*]

REPEAT



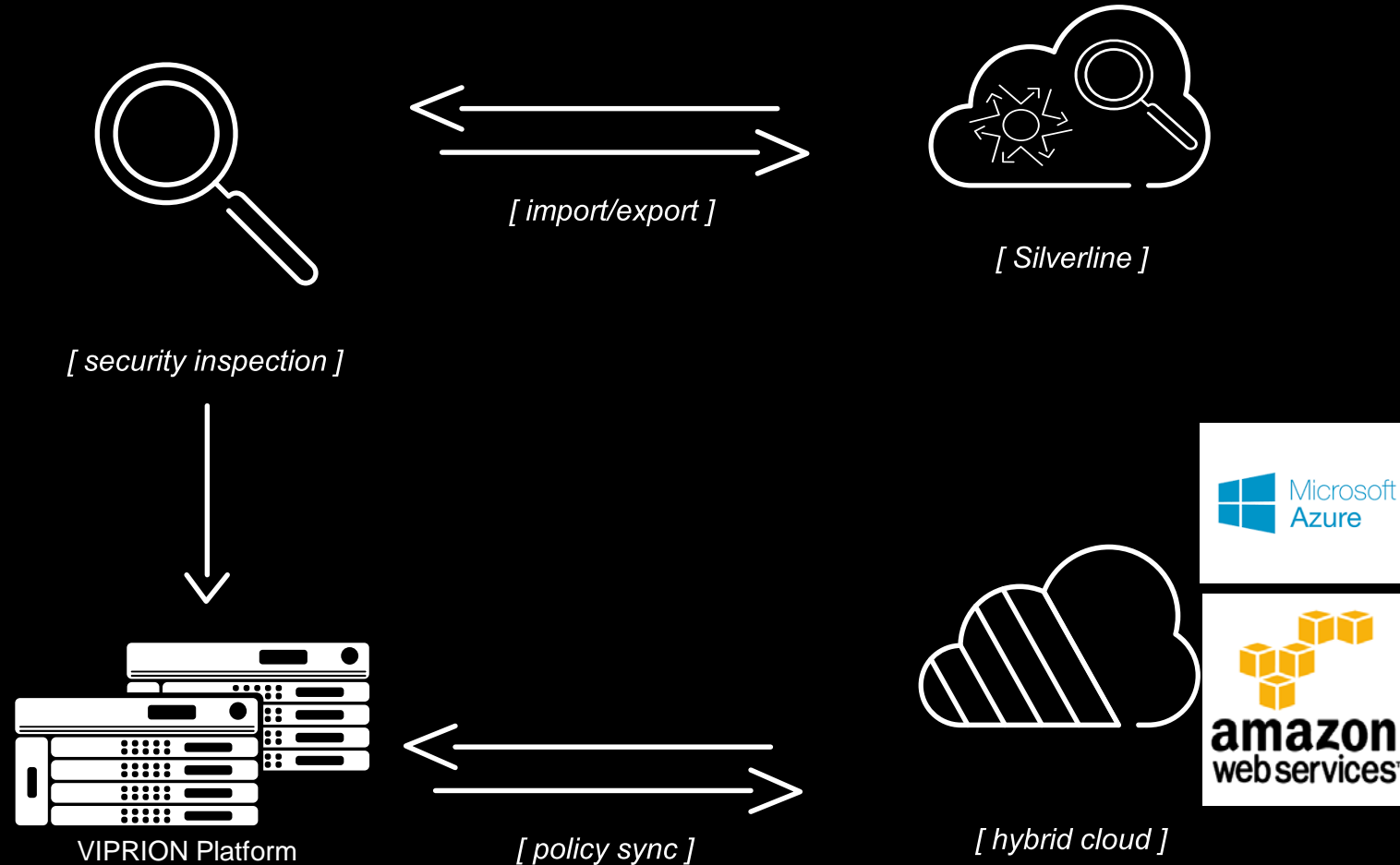
REPEAT

Different platforms – one configuration



REPEAT

Different deployments – one configuration



REPEAT

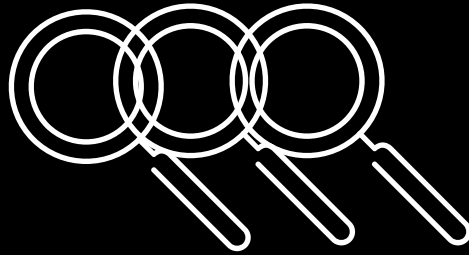
Managed service



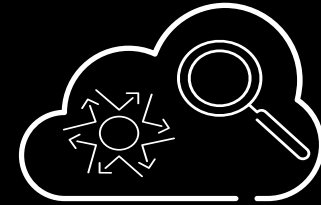
[MSP]



[managed service]



[security inspection]



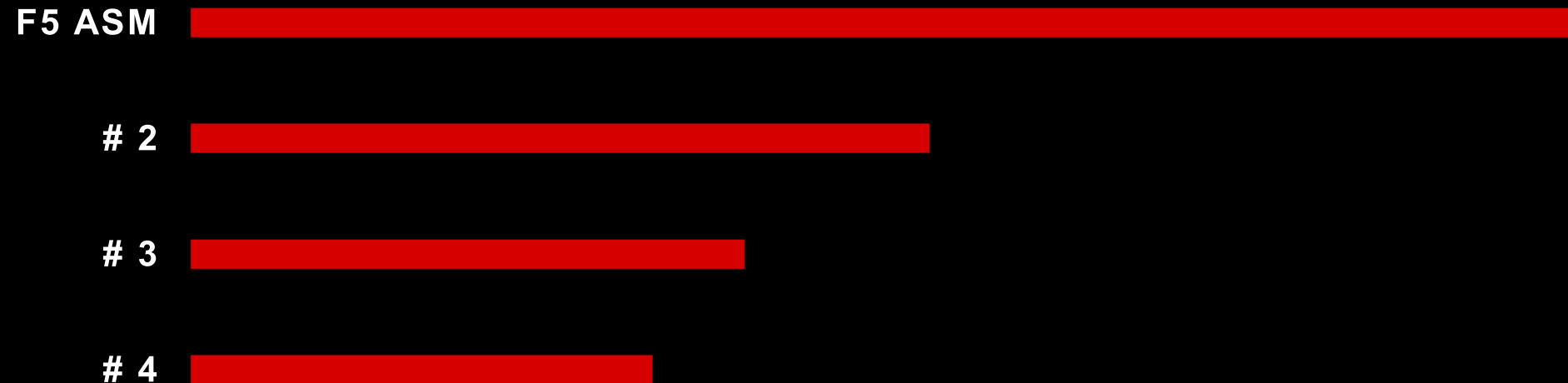
[Silverline]



DEPLOY.PROTECT.REPEAT

Application Security Manager deployment

IMPLEMENTED AND IN USE



Source: Information 451 research - <http://informationsecurity.451research.com/?p=5684>

Summary



Summary

Applications have changed

Applications become web only

Solutions needs to support cloud deployments

Security requirements and threats follow the application

Compatibility needed for new deployment (SSL, HTTP2, cloud)

The browser becomes the new target

DEPLOY.PROTECT.REPEAT

F5 makes it fast to support existing and new deployments

Security and compliance are maintained with flexibility to new business models



DEPLOY.PROTECT.REPEAT



SOLUTIONS FOR AN APPLICATION WORLD