

# Azure Cloud Network Security Workshop



## Learn how to design, deploy, and manage your organization's cloud network security through integration with industry leading NVAs.



Improve security for your Azure workloads with automated network security management and upgrades, and increase visibility into your environment



Help IT teams deliver network-related work more efficiently and with faster deployments



Implement infrastructure as code and incorporate security controls directly into application development workflows to accelerate development and time to market.

**“The Total Economic Impact™ of Microsoft Azure Network Security, a commissioned study conducted by Forrester Consulting, found that Azure network security reduces firewall management by 80 percent, security policy management by 15 percent, and security audit process by 96 percent.”** -Forrester 2020 Microsoft 365 Enterprise Total Economic Impact Study

Whether you're moving workloads or modernizing apps on Azure, it's important to understand how security controls differ in cloud environments. This workshop will enable you to understand integration capabilities with industry-leading network virtual appliances such as Palo Alto, Check Point, and Fortinet..

### Ensure your organization can meet and exceed threat inspection and prevention capabilities along your journey to the cloud.

EITS' Cloud Network Security Workshop gives IT professionals the opportunity to learn the best practices approach to deploying highly secure virtual environments through a hands-on real-time implementation.

## Why you should attend

Our workshop provides everything you need set up, configure, and deploy secure virtual networks. Learn how to effectively configure policies, secure threat vectors, network virtual appliances, traffic profiles and more.



### Get real-time security at enterprise scale

Dynamically scale your organization's cloud infrastructure as needed to meet traffic demands during peak times or seasonal spikes.



### Detect and prevent threats quickly

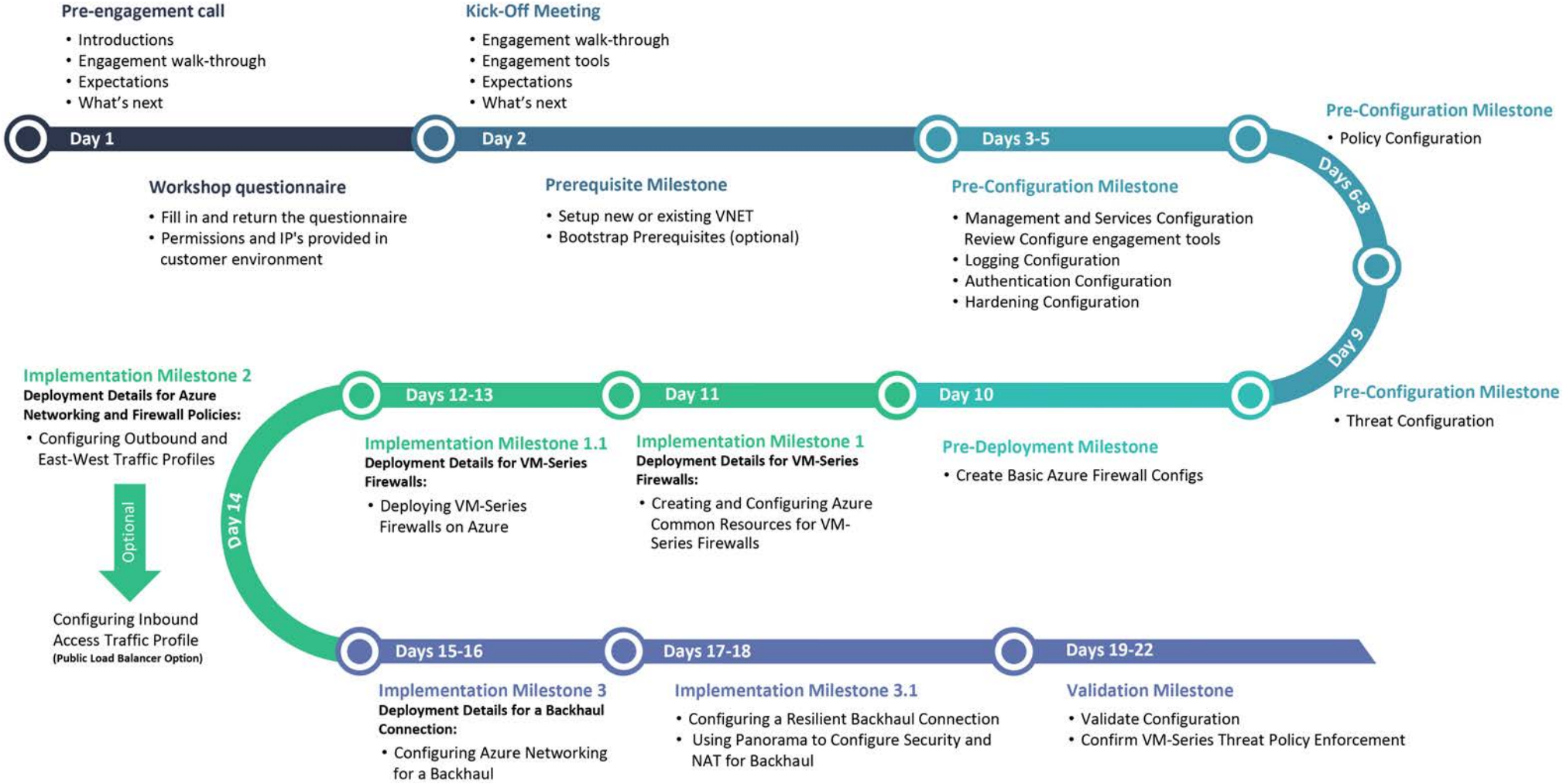
Get more informative insights into the behavior of users, devices, resources and detects anomalies right away.



### Achieve greater cloud security and capability

Get the guidance you need to effectively integrate Azure with leading security products like Palo Alto, Check Point, and Fortinet.

# Workshop Phases and Activities



# Expand Azure's Capabilities Via NVA Integration

Feature	Azure Firewalls	NVAs
FQDN filtering (no SSL termination)	✔	✔
Inbound/Outbound traffic filtering rules by IP address (source and destination), port, and protocol (5-tuple rules)	✔	✔
Network Address Translation (SNAT+DNAT)	✔	✔
Traffic filtering based on threat intelligence feed to identify high risk sources/destinations (e.g., C&C, botnet, etc.)	✔	✔
Full logging including SIEM integration	✔	✔
HA with cloud scalability (auto scale as traffic grows)	✔	✔
Service Tags and FQDN Tags for easy policy management	✔	✔
Integrated monitoring and management	✔	✔
Easy DevOps integration using REST/PS/CLI/Templates	✔	Templates
SSL termination with Deep Packet Inspection (DPI) to identify known threats (e.g., viruses, spyware)	Private Preview Q3 CY2020	✔
Traffic filtering rules by target URI (full path - incl. SSL termination)	Private Preview Q3 CY2020	✔
Central management	Firewall Manager	✔
Application and user aware traffic filtering rules	Roadmap	✔
IPSEC and SSL VPN gateway	Azure VPN GW	✔
Advanced Next Generation Firewall features (e.g. Sandboxing)	Roadmap	Vendor Dependent



## Industry Leading Integration Options



**Check Point**  
SOFTWARE TECHNOLOGIES LTD.

## Why choose EITS?

### A better approach to cloud security for the modern workplace

By leveraging industry-leading solutions, EITS assists its clients in developing comprehensive cyber security strategies. As a professional services organization, EITS focuses on maximizing customers' cyber security and technology investments. Second to none expertise in automating and integrating tailor-fit security solutions sets us apart from the competition.



**Azure Cloud Platform**  
Microsoft 365 Security Administration