ACCELERATE YOUR PROTECTION WITH CISCO TETRATION

BENEFITS OF HIGHPOINT CISCO TETRATION ACCELERATOR SERVICE

Reduce deployment timescales to accelerate time to value.

Reduce business impact through adopting a best practice approach to deployment.

Reduce project risk with HighPoint expertise assisting you through every step of the process.

Develop inhouse expertise through HighPoint's focus on passing on their knowledge to your team.

HOW DOES THIS BENEFIT YOUR ORGANISATION

Through this acceleration service HighPoint will work to identify three key business applications and together with our own in-house expertise will look to provide deep visibility into each application and map precisely how they operate end-to-end across the infrastructure.

HighPoint will help you understand the critical application dependencies and security so you can establish real-time control over the compliance, safety and performance of the applications.

THE VALUE OF DEPLOYING CISCO TETRATION

Today's data centres consist of hybrid multi-cloud infrastructure running dynamic applications that are continually evolving. The majority of these data centres were designed with traditional perimeter-only security, which is insufficient as over three-quarters of data centre traffic is lateral. A new approach is needed to address this challenge and Cisco Tetration provides this with a comprehensive multidimensional workload-protection approach.

Organisations have an imminent need within the Data Centre to minimise lateral movement, reduce the attack surface, and more quickly identify Indicators Of Compromise (IOCs). The market for such solutions within the Data Centre is greatly underserved. Although solutions are available that address some of these needs, they do not provide a comprehensive approach to meet these requirements at scale. Cisco Tetration, using big data technologies, is a single platform that provides a ready-to-use solution to address all these requirements at Data Centre scale.

HIGHPOINT

OUR APPROACH TO DEPLOYING CISCO TETRATION

HighPoint's Accelerator Service for Cisco Tetration is specifically designed to help customers bring Cisco Tetration into production faster. To gain the benefits that Tetration provides while ensuring that business critical applications and services are not impacted by this additional layer of security.

Our best practice approach to Tetration deployment spans four key areas:

CISCO TETRATION FEATURES AND BENEFITS AT A GLANCE

- Zero-trust model using micro-segmentation
- Automation of whitelist policies
- One-click policy enforcement across a Multi-cloud Data centre

- Identification of workload abnormalities
- Data exfiltration signals
- Flexible telemetry collection options
- Endpoint device and user context

- Control user access to applications

- Software vulnerability detection

ADM STRATEGY
- Discovery Workshop
- Network Vs Application Centric
- Endpoint Selection
- Scope and Filter Creation Setup

SENSOR SETUP
- Tetration Cluster Cloud Enablement
- Sensor Install Strategy
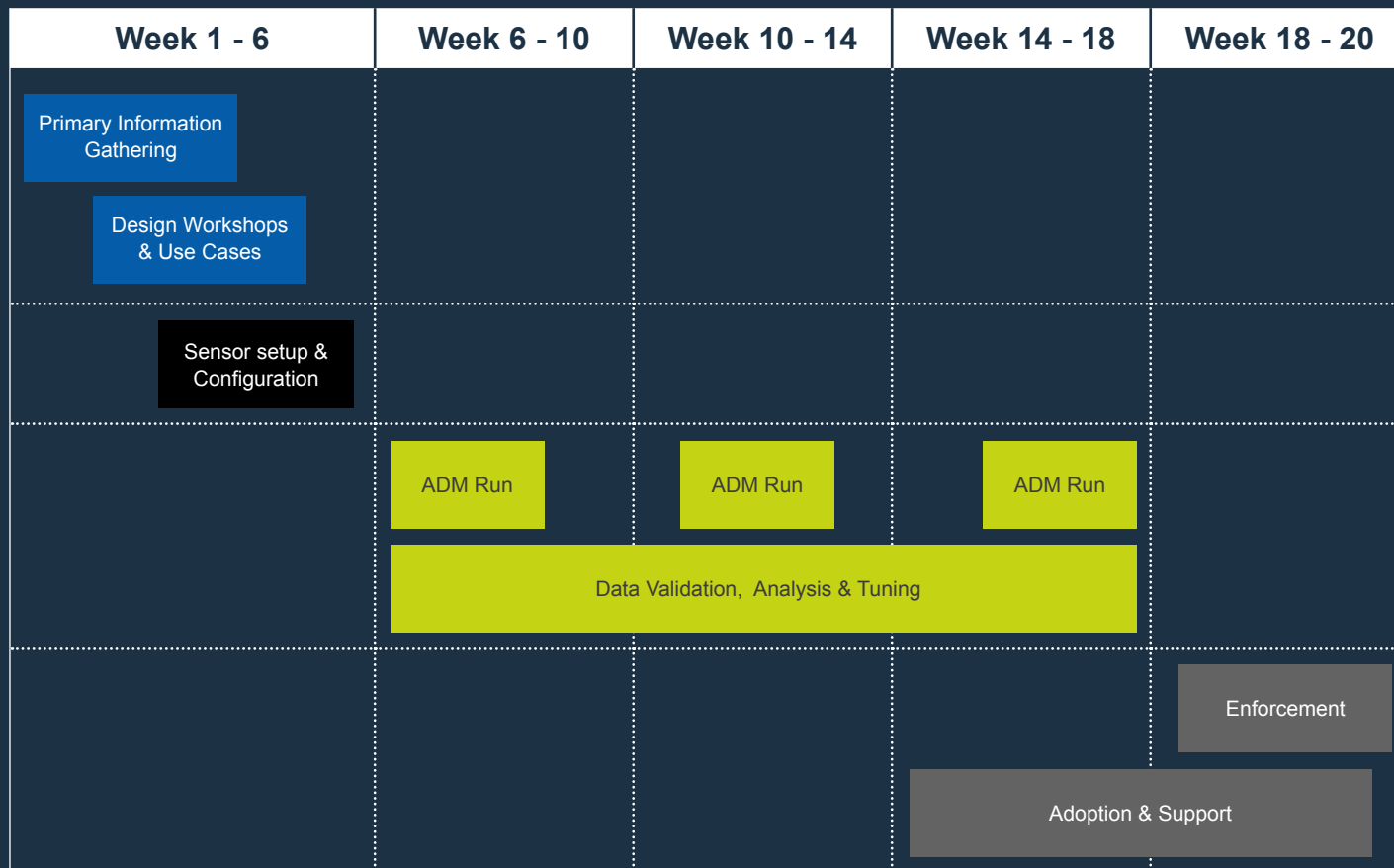- CPU Thresholds

SYSTEM DATA ANALYSIS
- Tuning Machine Learning / Noise reduction
- Optimise App Scores, Views, Grouping Policies, Filters, Scopes
- Simulate and Validate outcomes
- Review Data Centre designs for enforcement recommendations for host enforcement and workload protection

ADOPTION & OUTCOME
- Support & Guidance for Use Cases Including Compliance, Workflow Analysis, Forensics & Visibility, Real-Time Inventory, Segmentation and Policy Enforcement
- System Admin and Operational Support
- Day-2 Operations Support – Tool Change Implementation, Service Now Integration, Knowledge Sharing
- Support & Development of Custom APIs

ACCELERATOR TIMELINE FOR FOR CISCO TETRATION DEPLOYMENT

Below is a typical timeline for the analysis of a single application. More than one application can be analysed at any one time with care to be taken for apps that are run Monthly / Quarterly etc

Week 1 - 6	Week 6 - 10	Week 10 - 14	Week 14 - 18	Week 18 - 20
Primary Information Gathering				
Design Workshops & Use Cases				
Sensor setup & Configuration				
	ADM Run	ADM Run	ADM Run	
	Data Validation, Analysis & Tuning			
			Enforcement	
			Adoption & Support	

BENEFITS OF CISCO TETRATION

Reduce lateral movement through efficient application segmentation.

Identify anomalies faster using process behaviour deviations.

Reduce the attack surface within the data centre by quickly identifying common vulnerabilities and exposures.

Gain better workload protection for on-premise and public-cloud data centres.

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