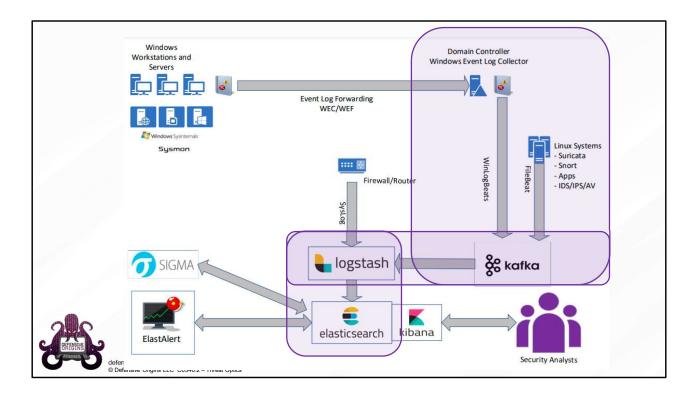
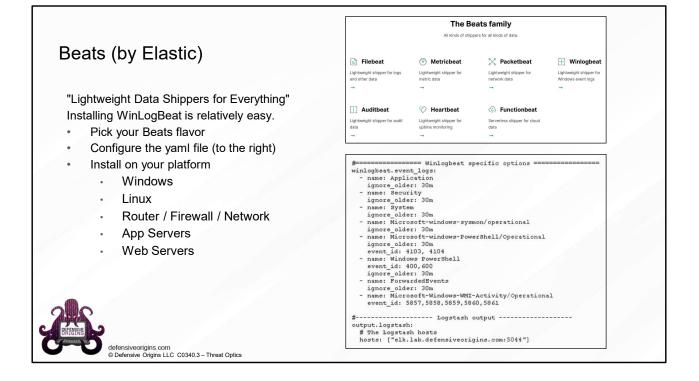
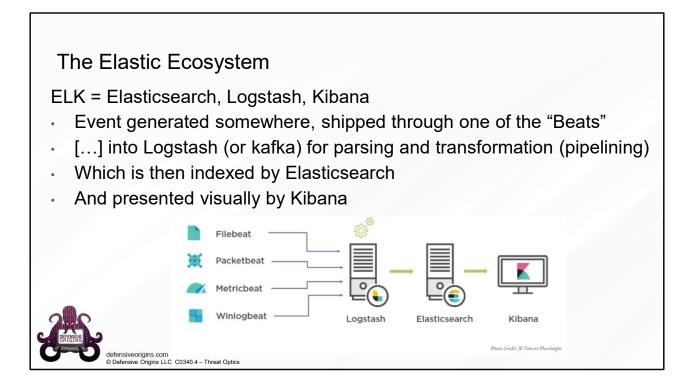
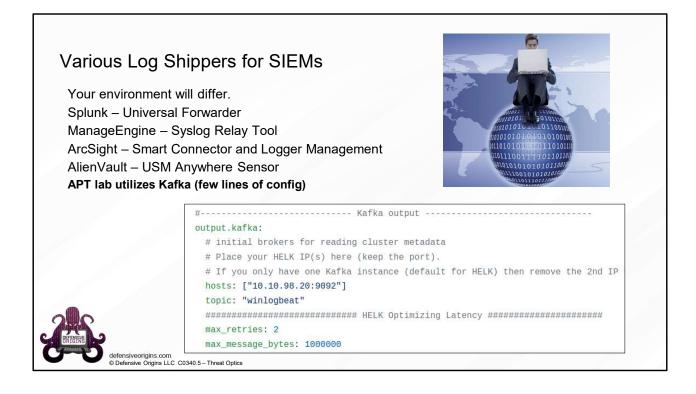


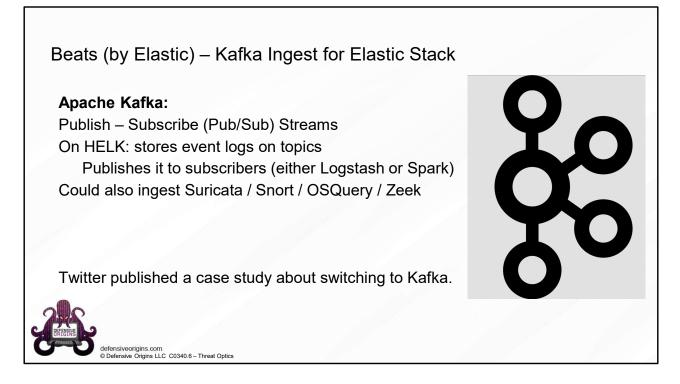
Applied Purple Teaming – C0340 Threat Optics – Log Shipping Elastic Ecosystem Log Shipping





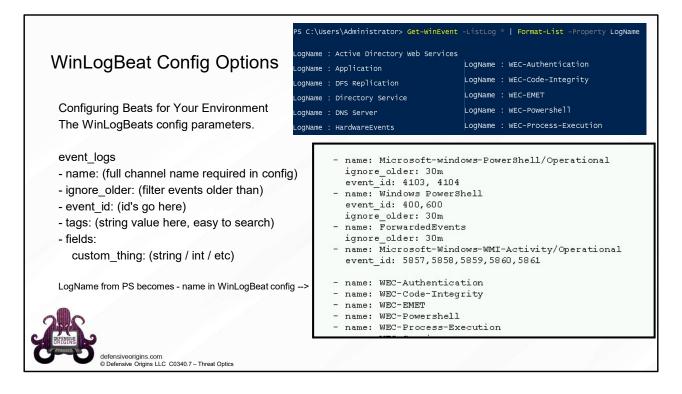






Links:

https://blog.twitter.com/engineering/en_us/topics/insights/2018/twitters-kafka-adoption-story.html



Links:

https://www.elastic.co/guide/en/beats/winlogbeat/current/configuration-winlogbeatoptions.html#configuration-winlogbeat-options-event_logs-name

Jeplo	oy WinLo	gBeats	 Installing WinLogBeat is relatively easy (Windows install below) powershell -Exec bypass -File .\install-service-winlogbeat.p Set-Service -Name "winlogbeat" -StartupType automatic Start-Service -Name "winlogbeat" Get-Service winlogbeat
C:\Users		-7.5.1-windows-x86	_64>powershell -ep bypass
Windows Copyrigh		cosoft Corporation.	All rights reserved.
Copyrigh PS C:\Us	ht (C) 2016 Micr sers\\winlogh	eat-7.5.1-windows-	All rights reserved. x86_64> <mark>powershell -Exec bypass -File .\install-service-winlogbeat.ps1</mark>
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RECAP.

Sysmon. Enable WEC. Deploy WEF. Event Subscriptions. Configure Auditing. Ship Logs.

Enable Windows Collection

Plan appropriately for scaling

Deploy Windows Event Forwarding configuration

- · Use GPO to configure security privileges for event log reading by network service
- And to define the Windows Event Collector's destination URL

Configure Event Subscriptions

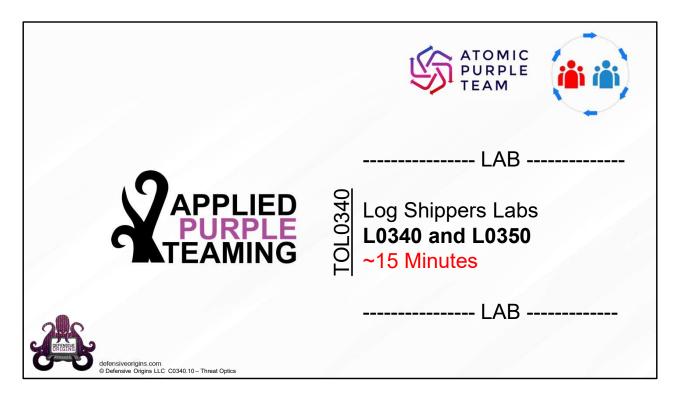
· Group event IDs in meaningful ways and create a subscription

Plan, configure, and deploy Audit Policies

- This is critical to the success of this project
- You cannot see that which you do not audit
- Install the log shipper on the Windows Event Collector
- · Configure WinLogBeat to ship to your SIEM / Logging Tool / Cloud Destination / Third-Party / Wherever



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Applied Purple Teaming – TOL340 Log Shippers Lab L0340 & L0350 15 Minutes