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Notice of Eviction

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Objective

- To challenge incident responders to *change* the way we approach incident response evictions by studying our adversaries' responses to stimuli

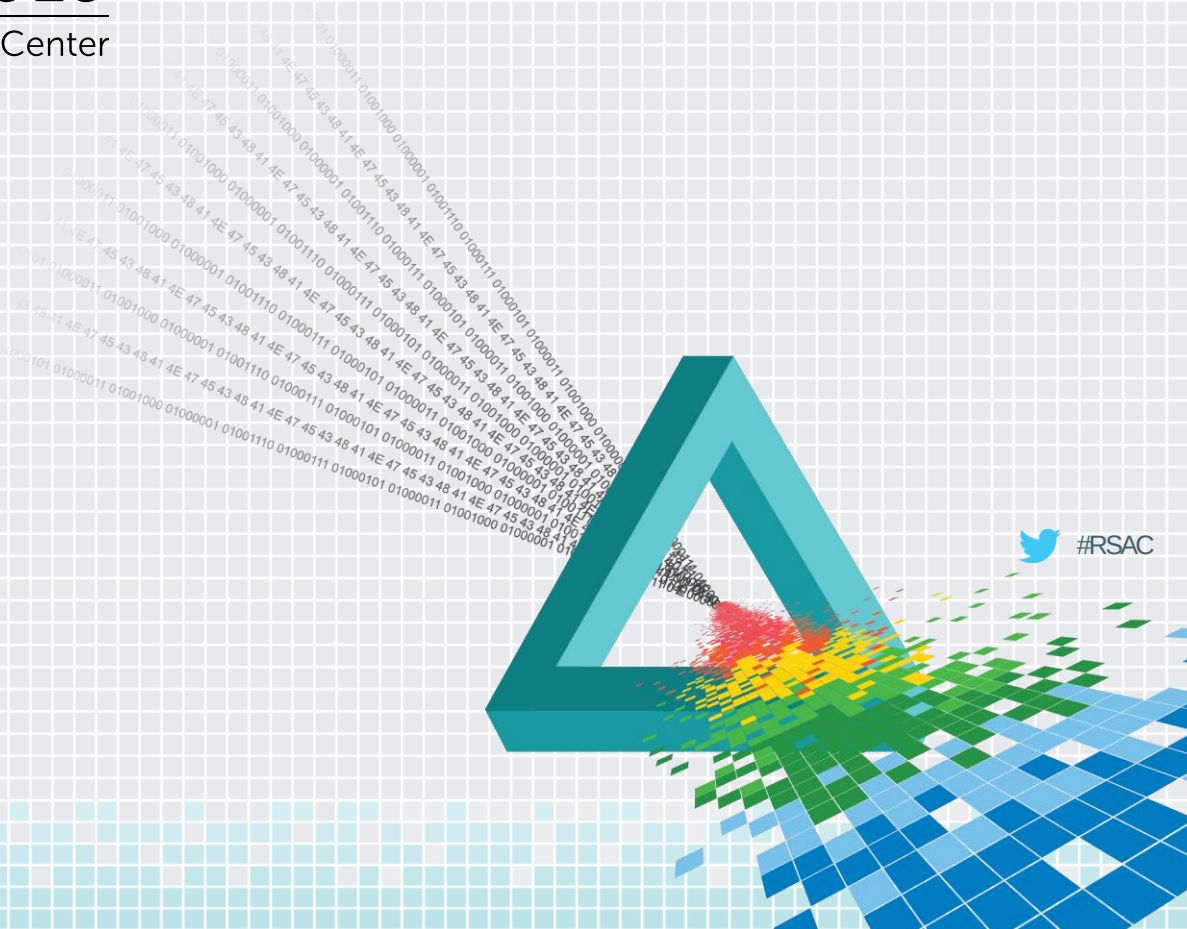
Eviction Strategies

- Ad Hoc – playing whack-a-mole
- Containment – restricting assets or access points
- Compartmented – remediating segments
- Failover – executing disaster recovery plan
- Full Scope – hunting for access points

Eviction Strategies

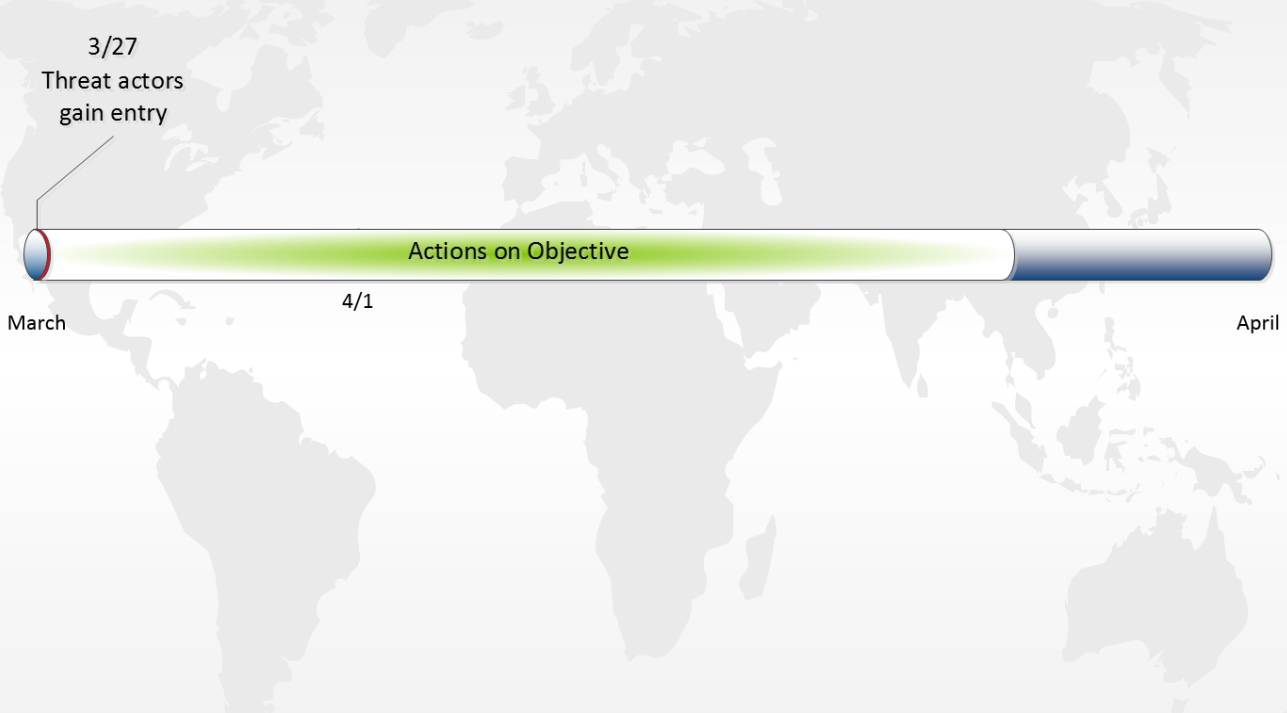
- Ad Hoc – playing whack-a-mole
- Containment – restricting assets or access points
- Compartmented – remediating segments
- Failover – implementing disaster recovery plan
- Full Scope – hunting for access points

Ad Hoc Eviction



Ad Hoc Eviction

TG-1588



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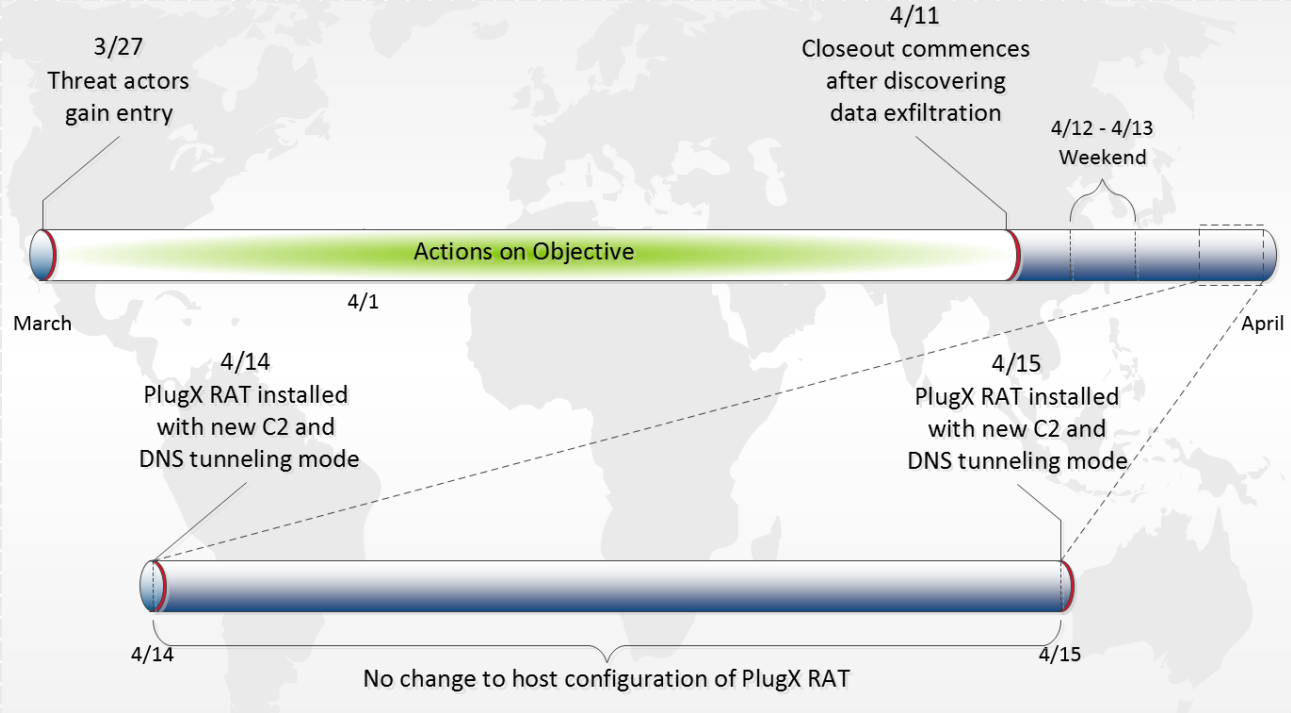

Ad Hoc Eviction

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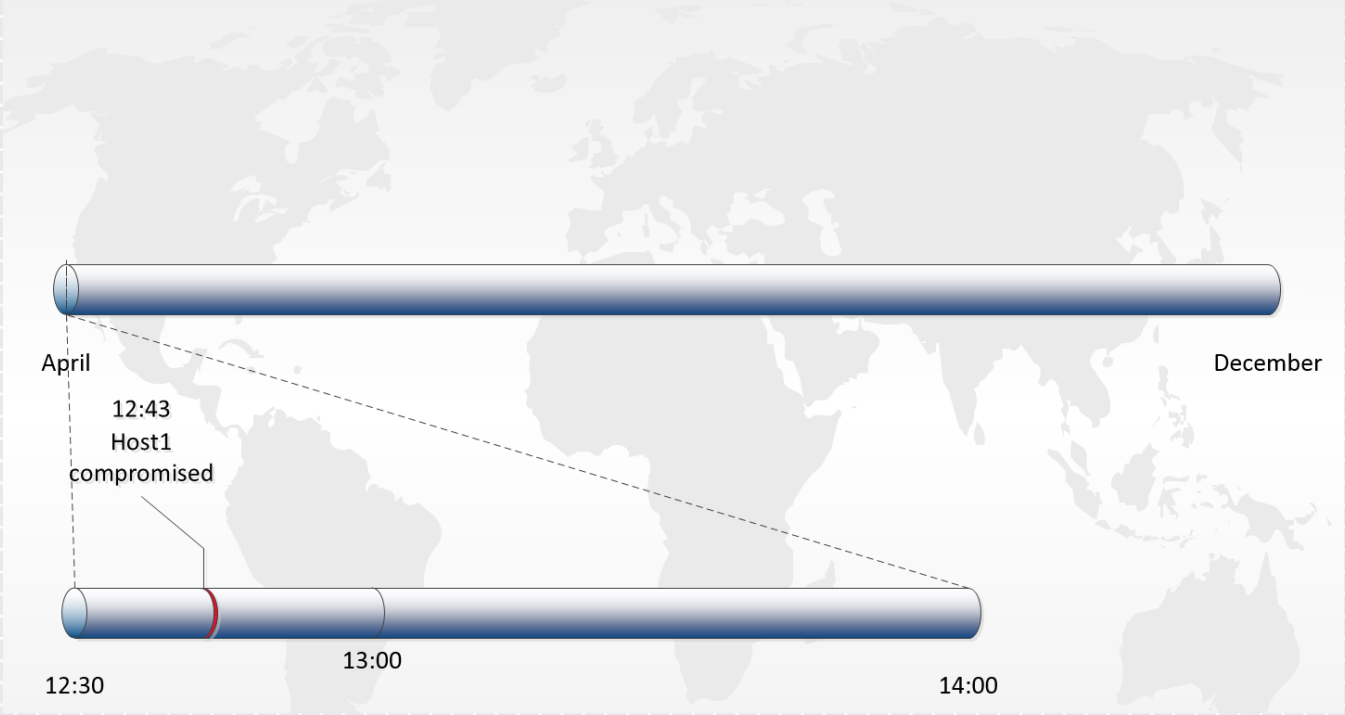

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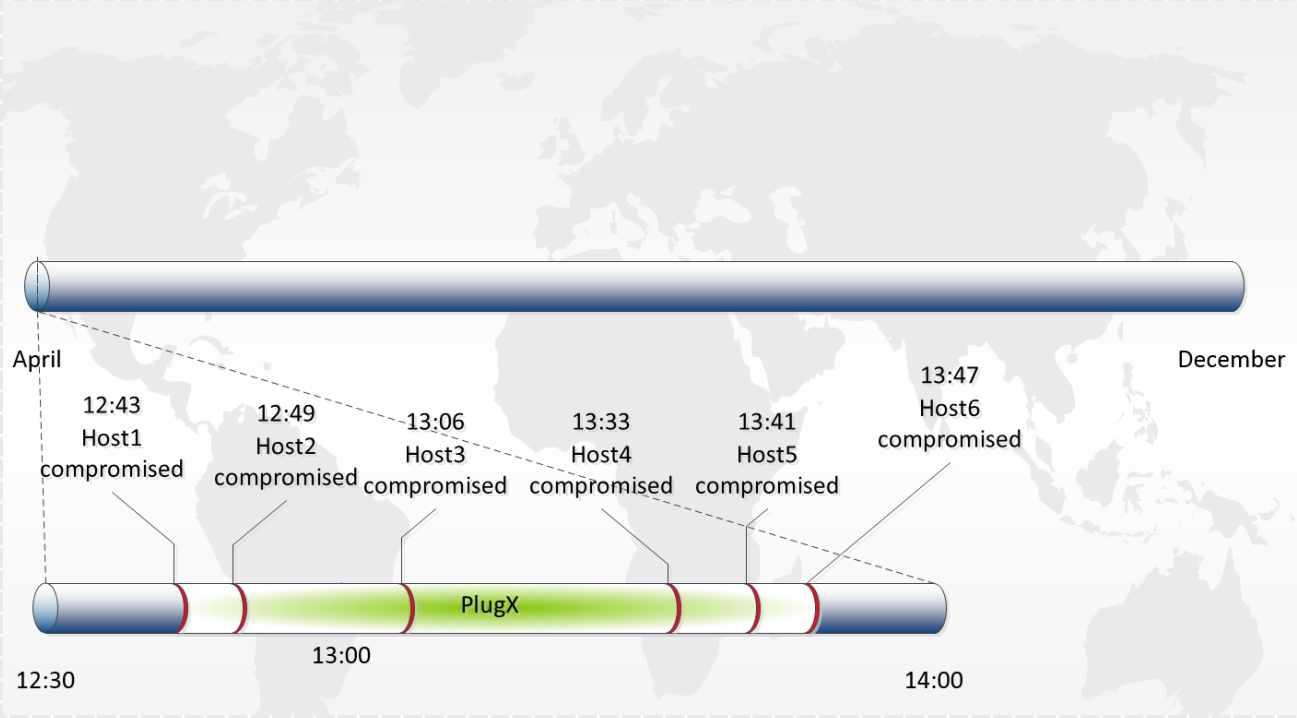

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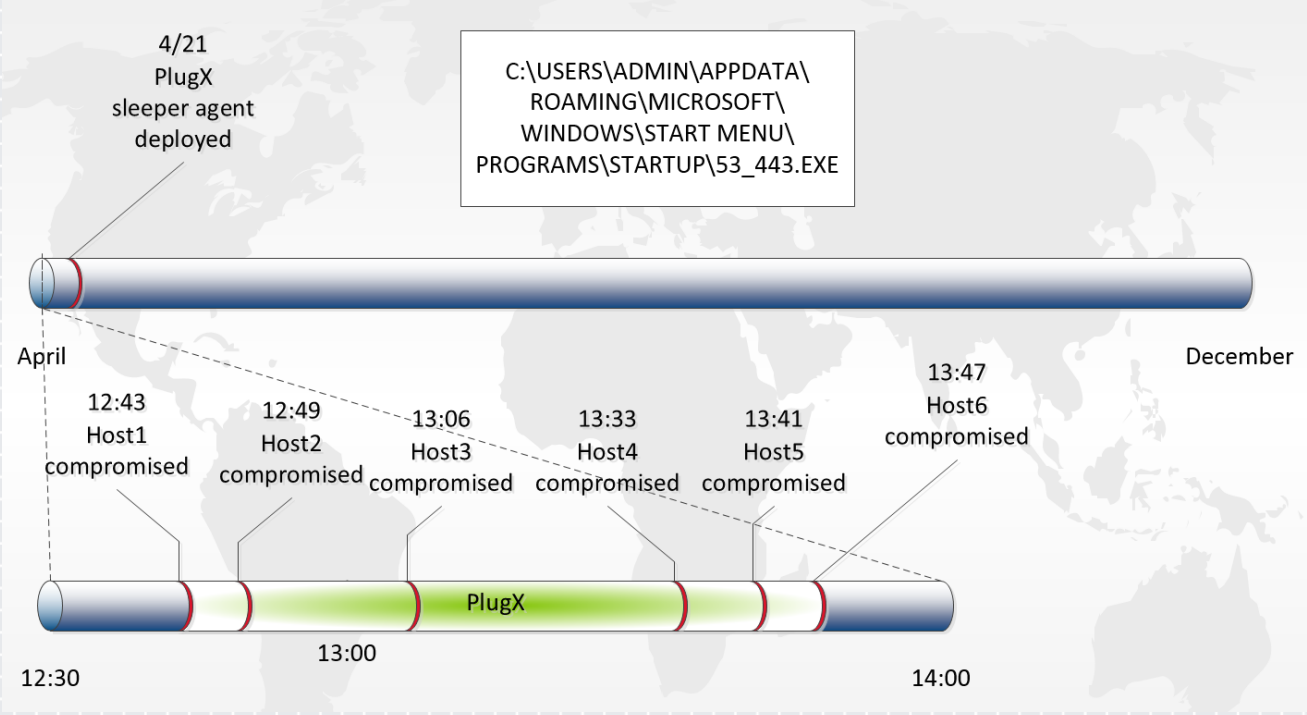

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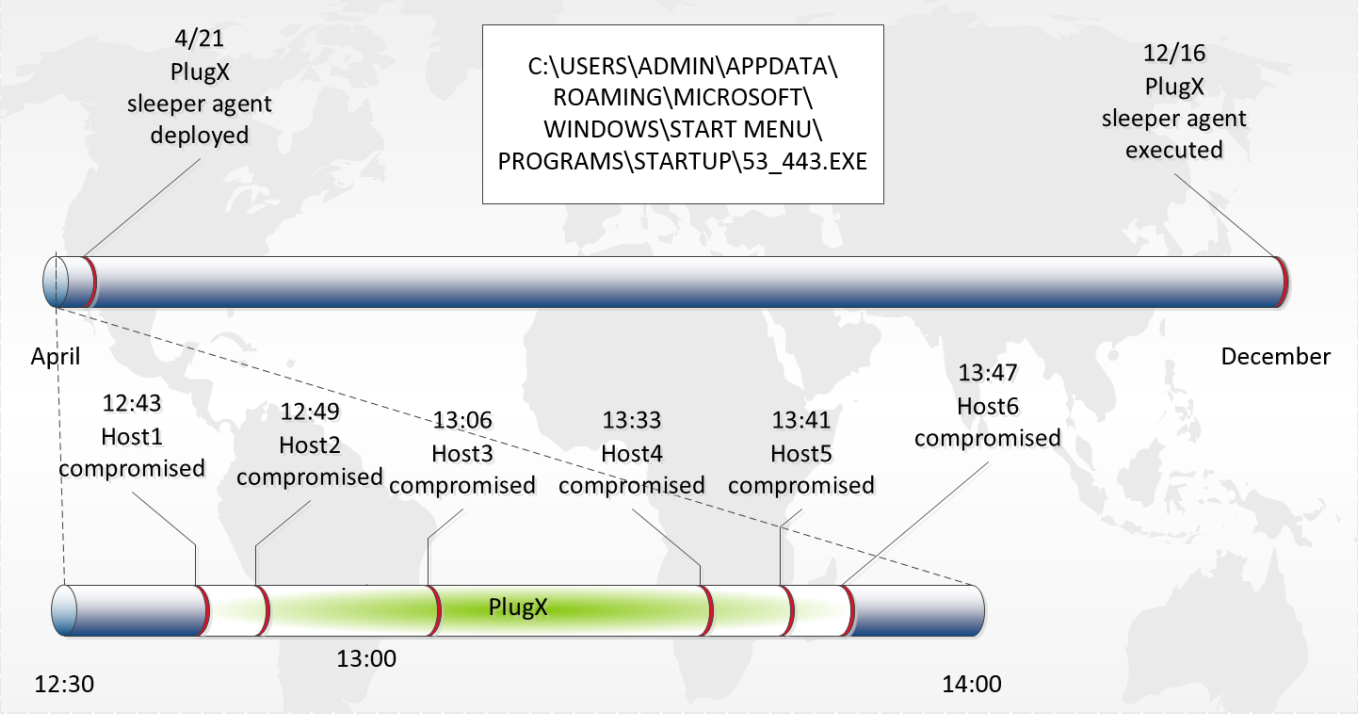

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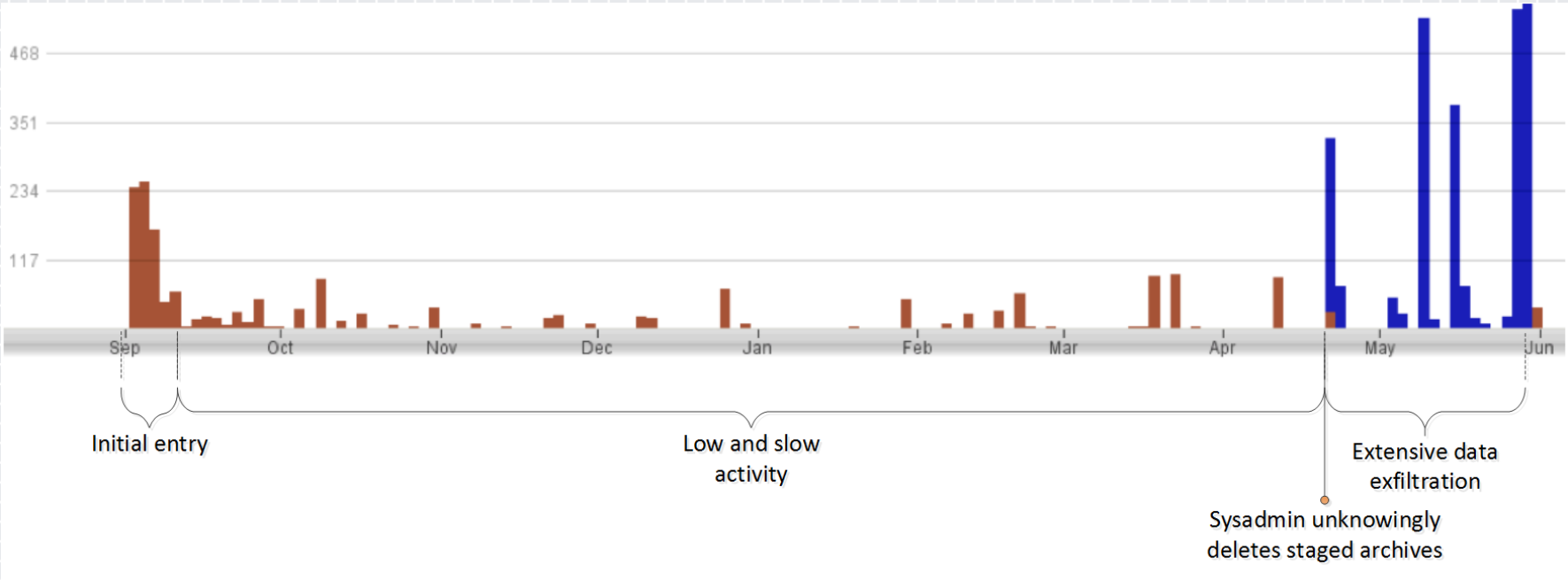

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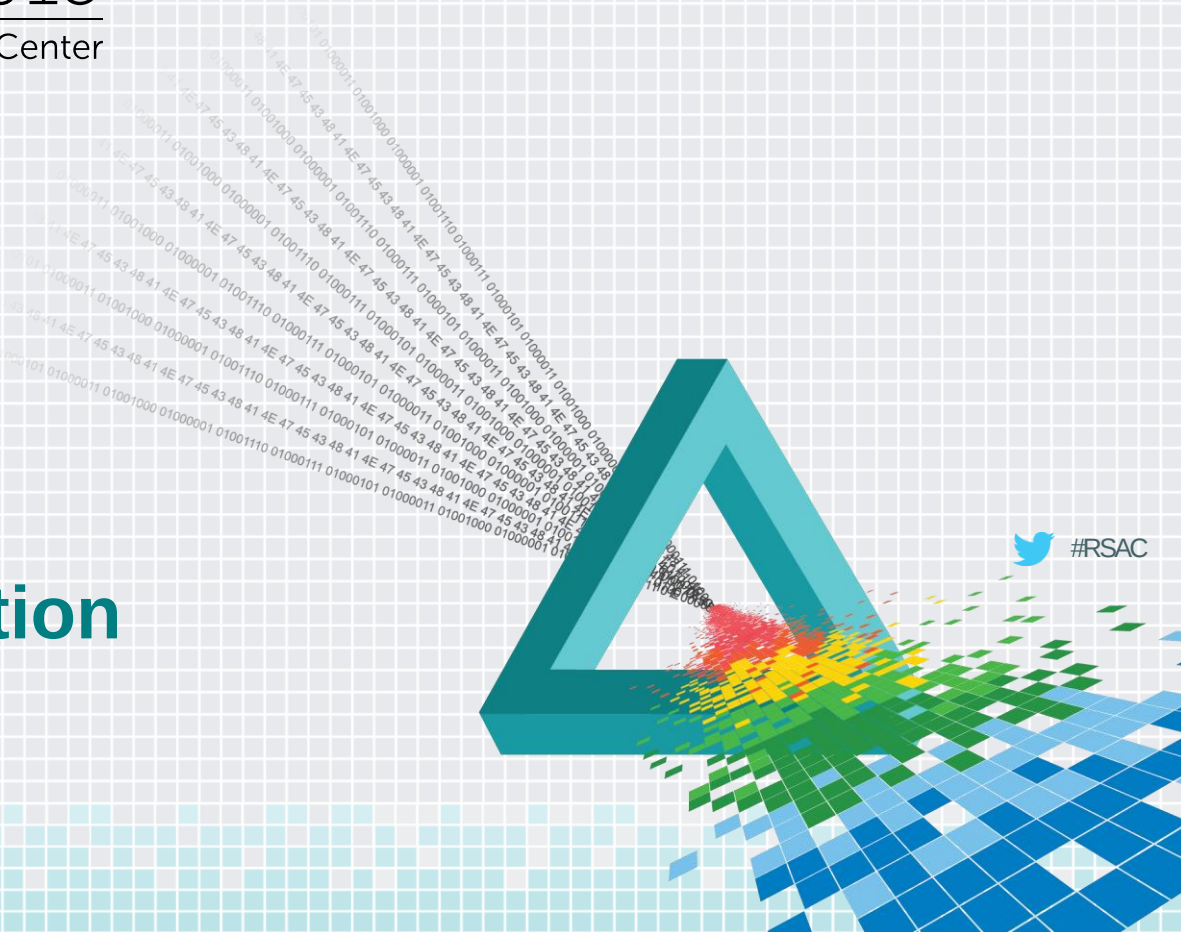

Containment Eviction

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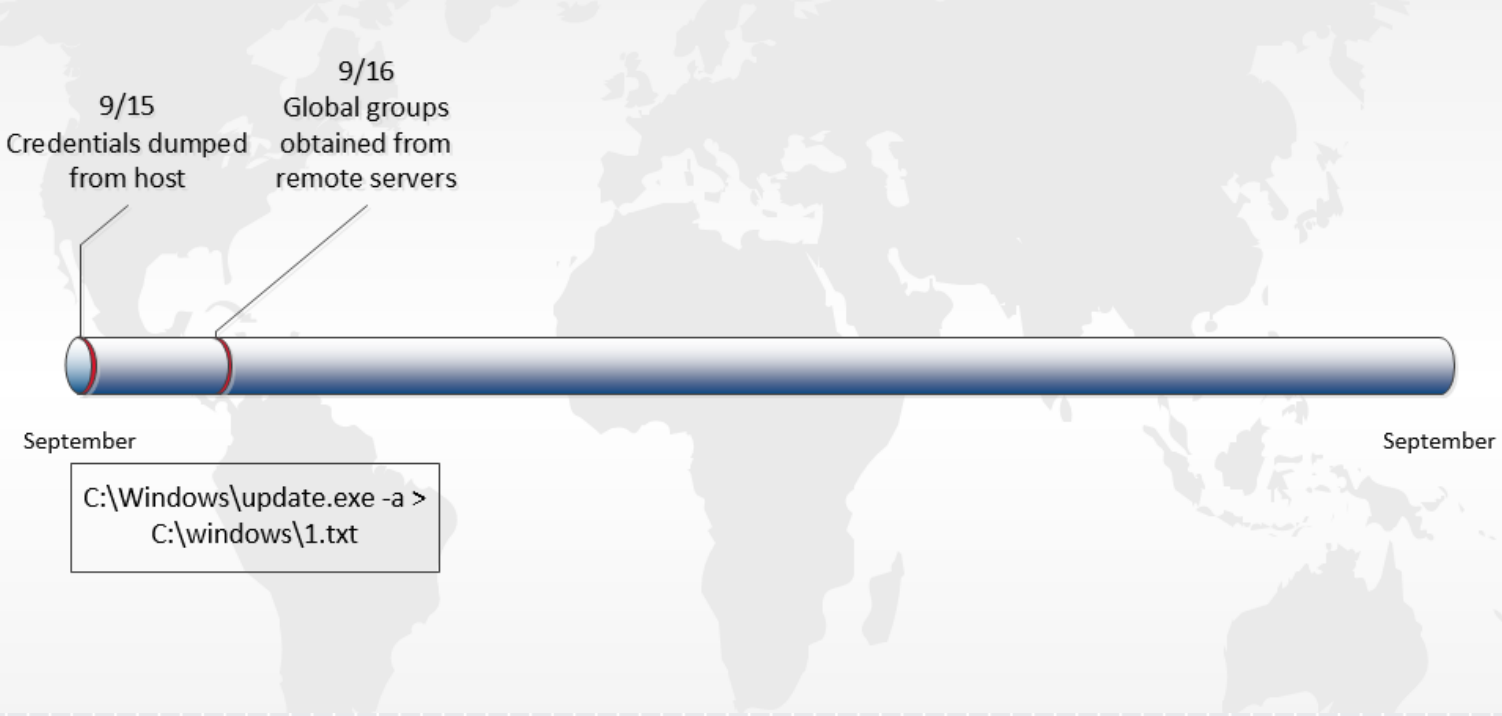

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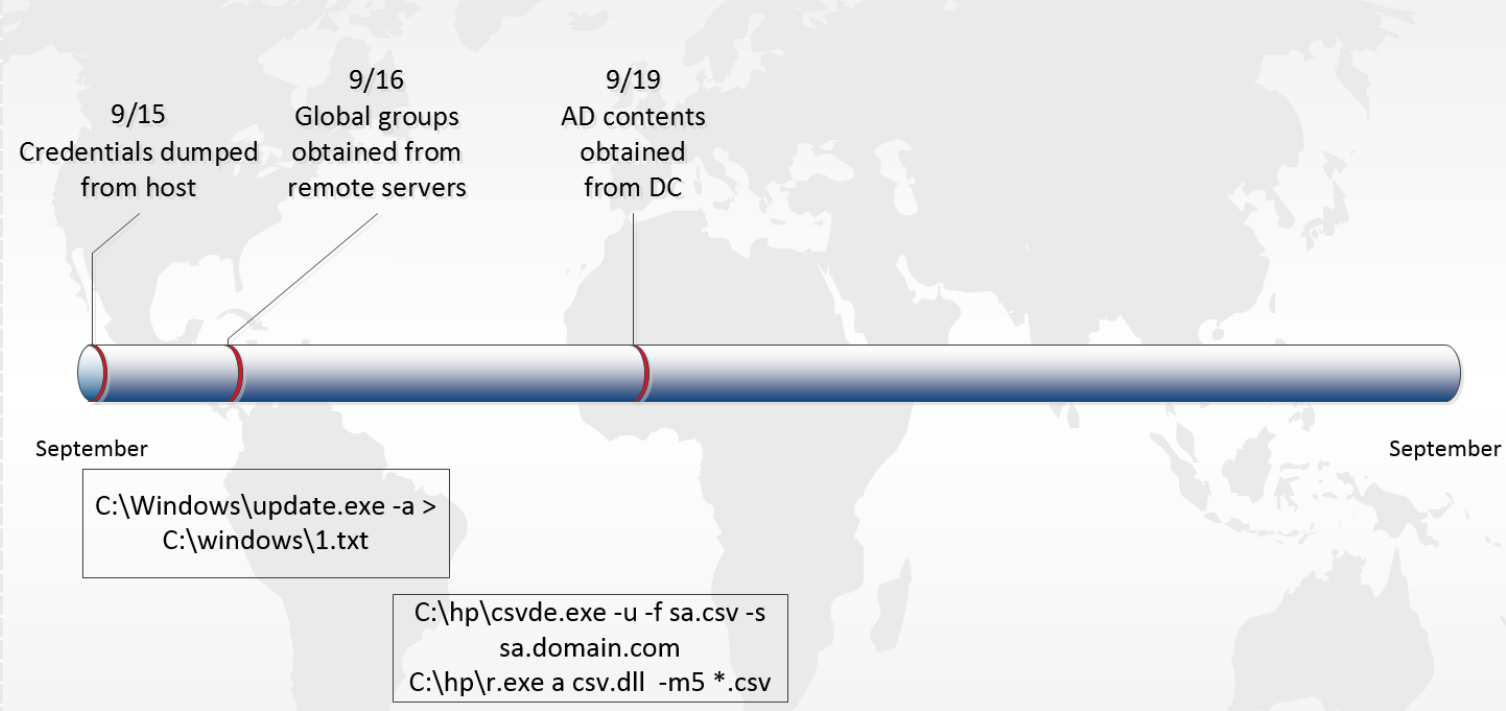

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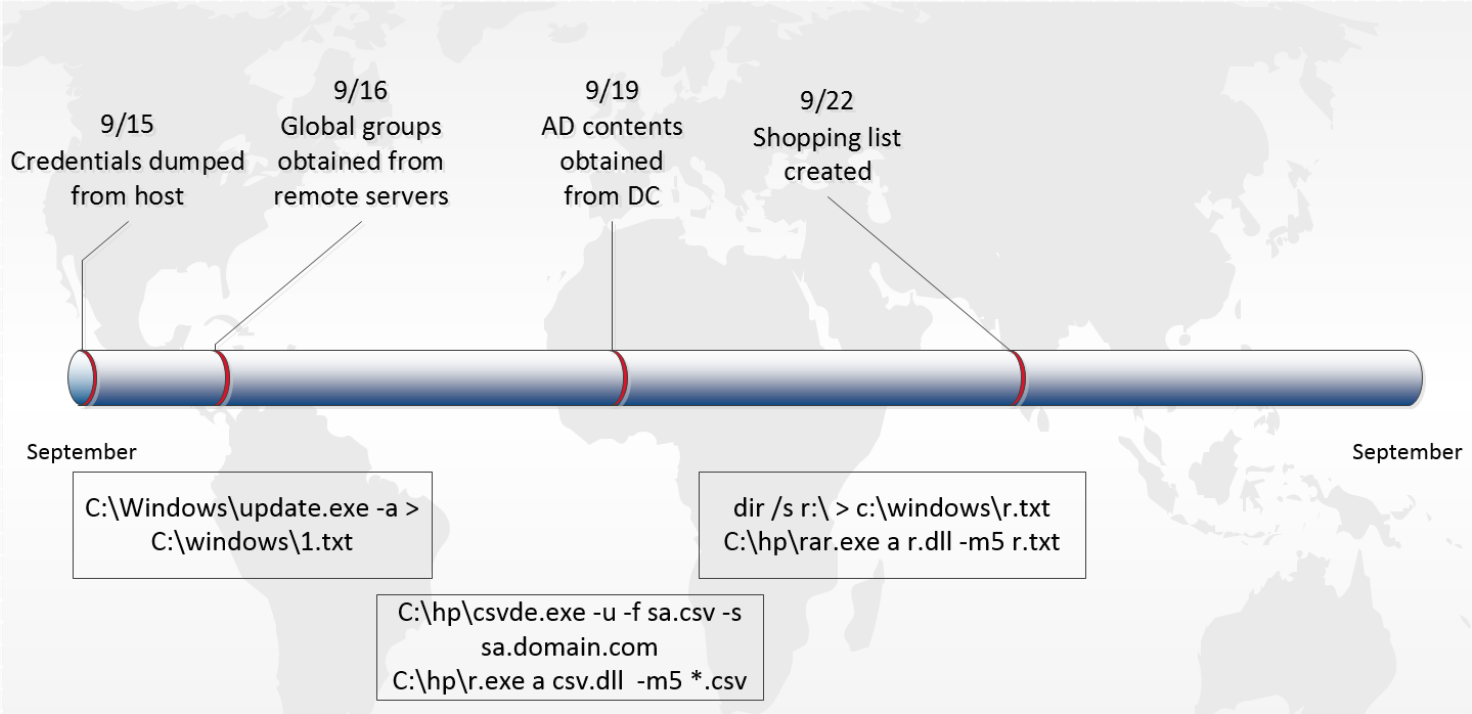

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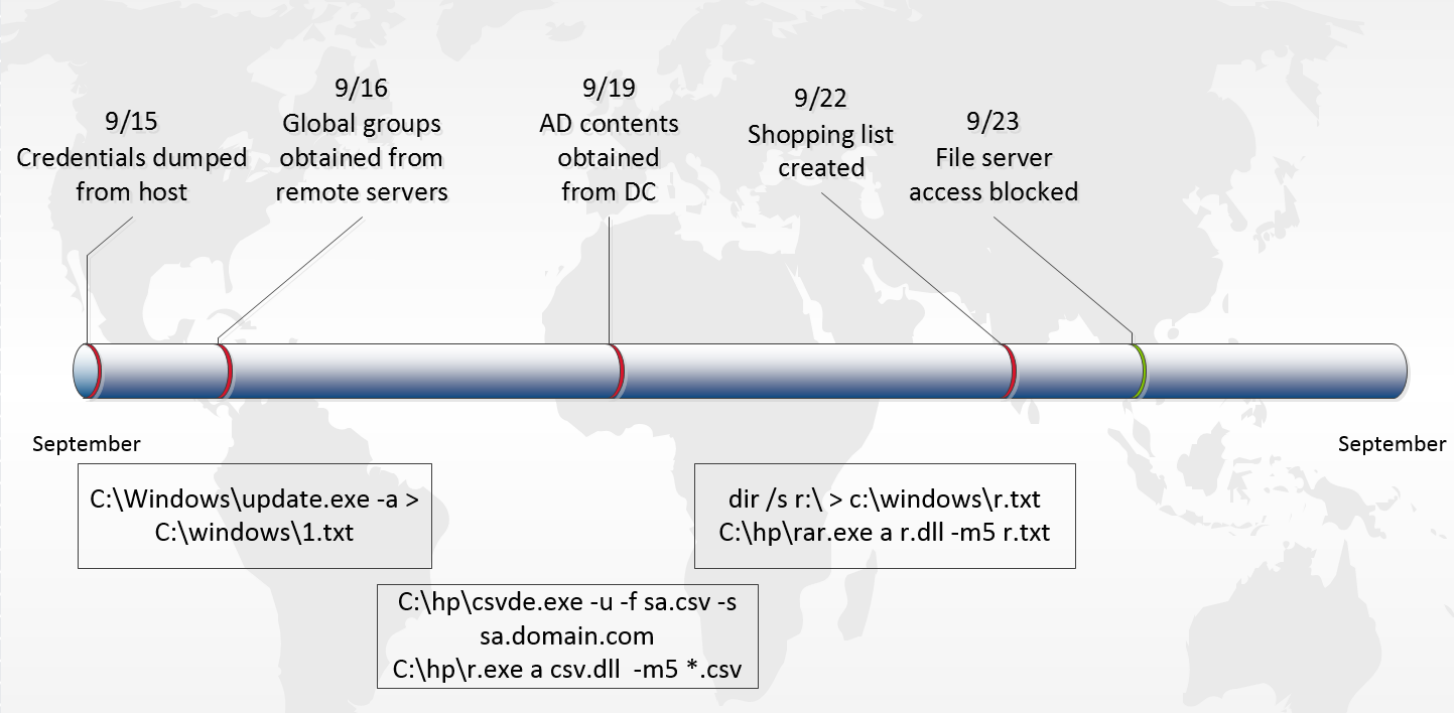

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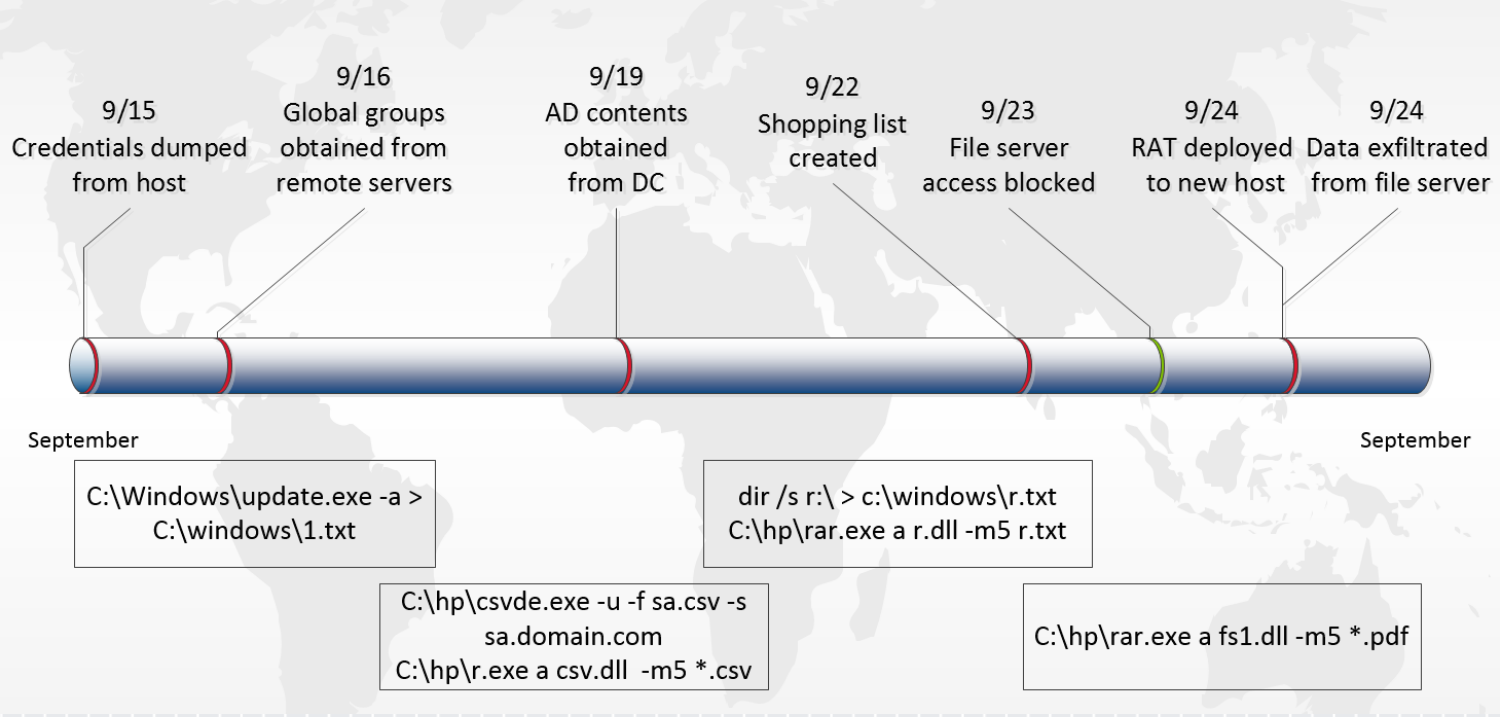

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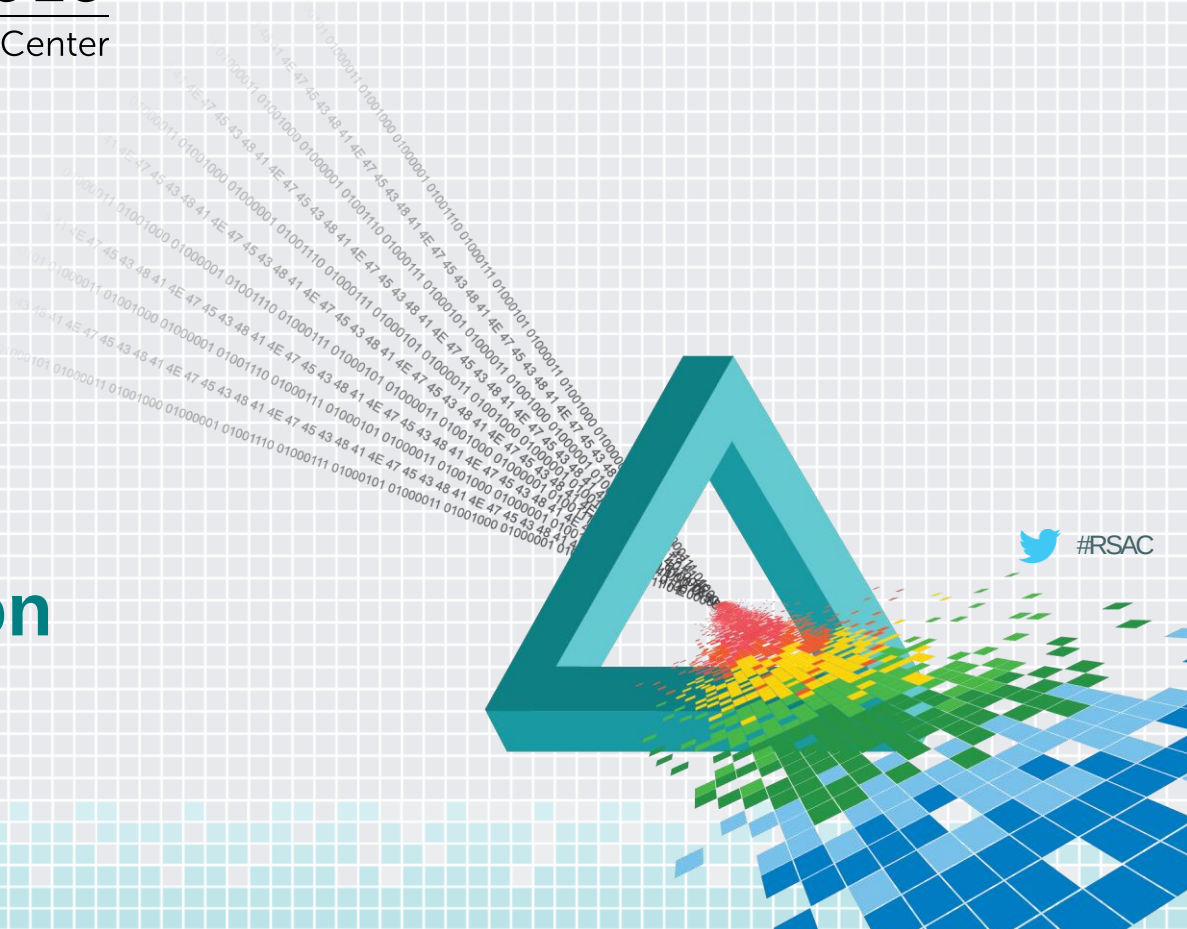

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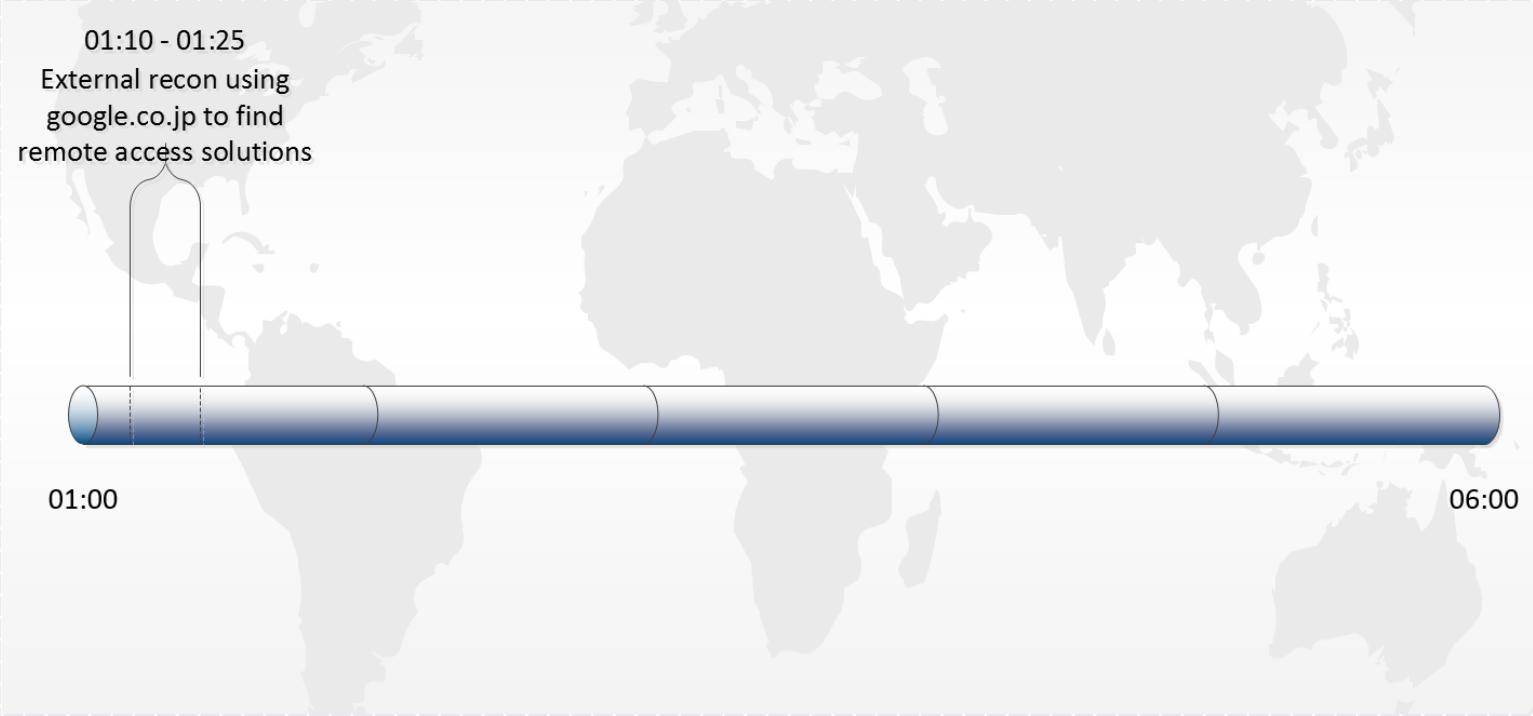

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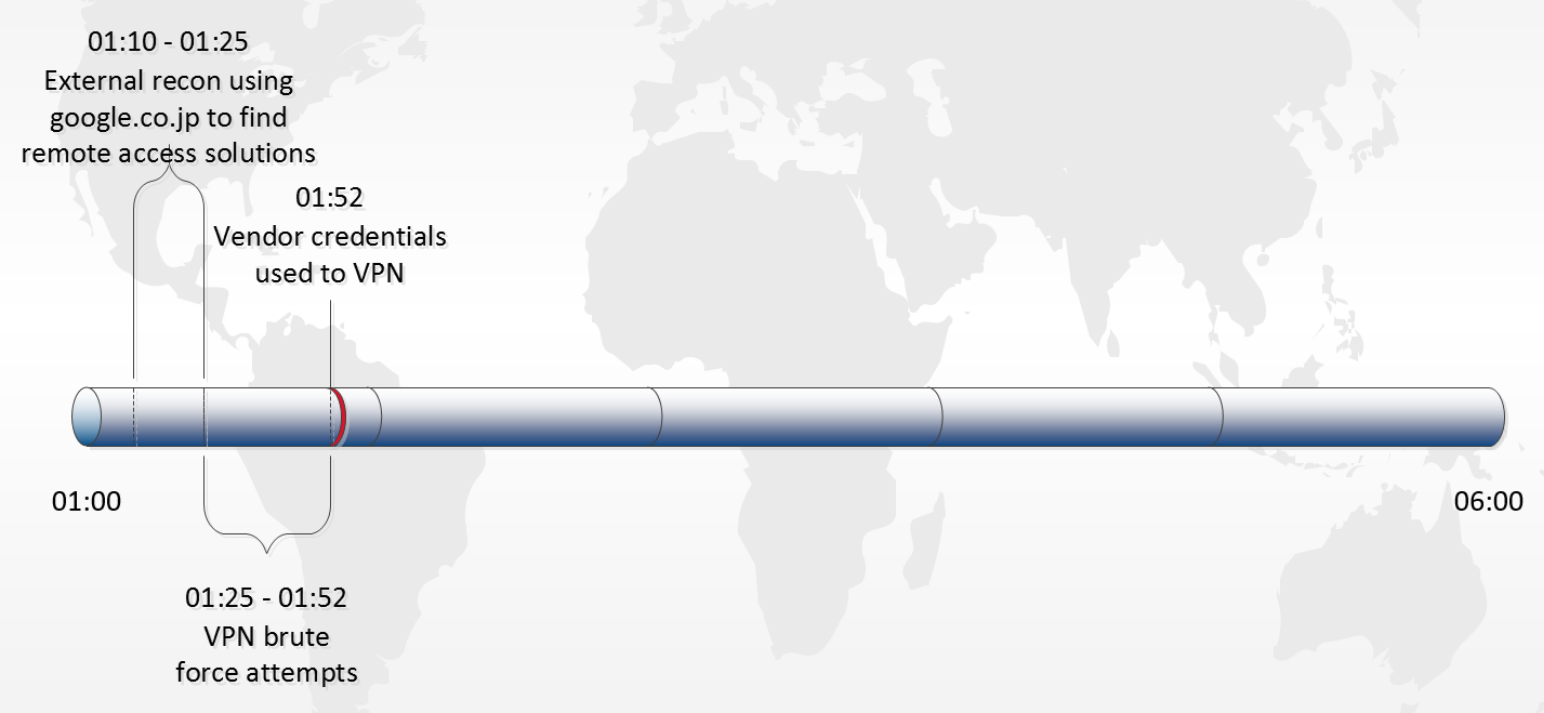

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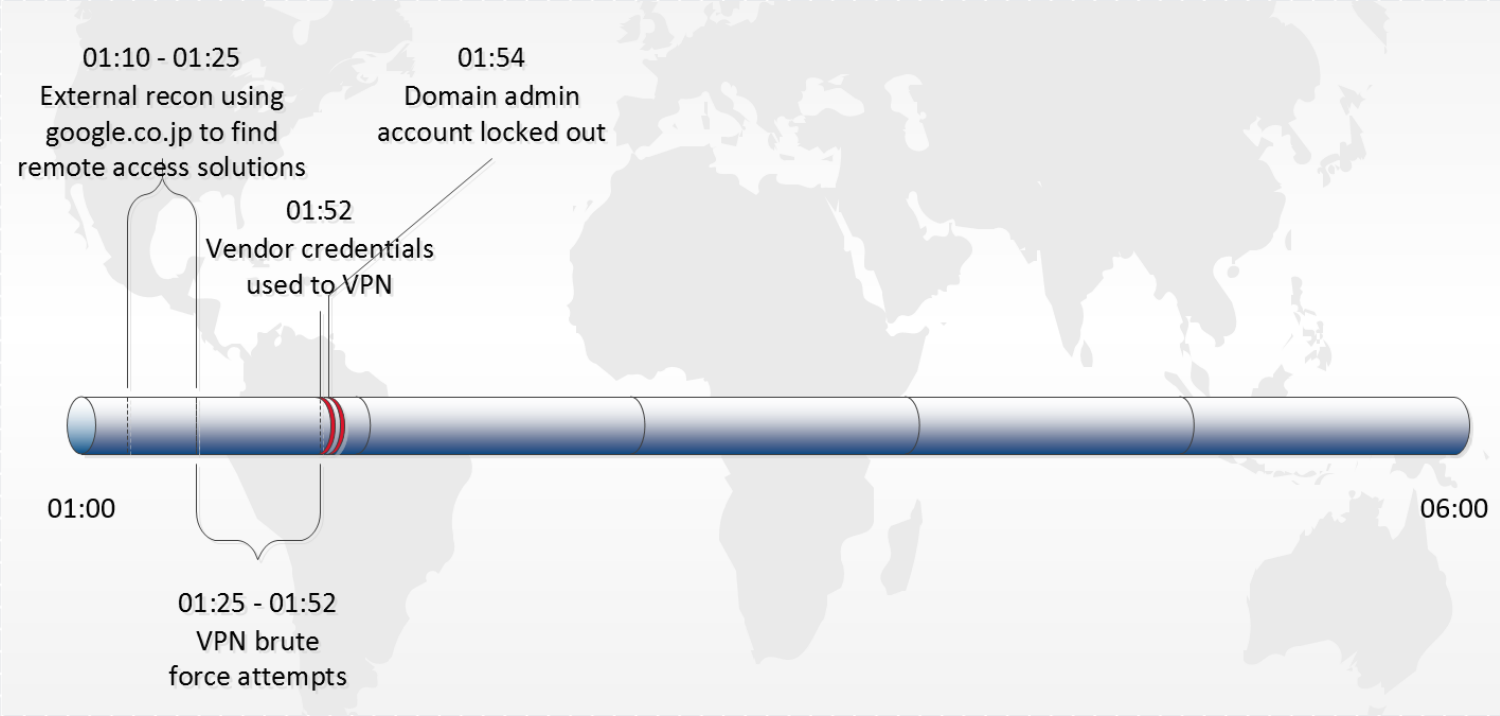

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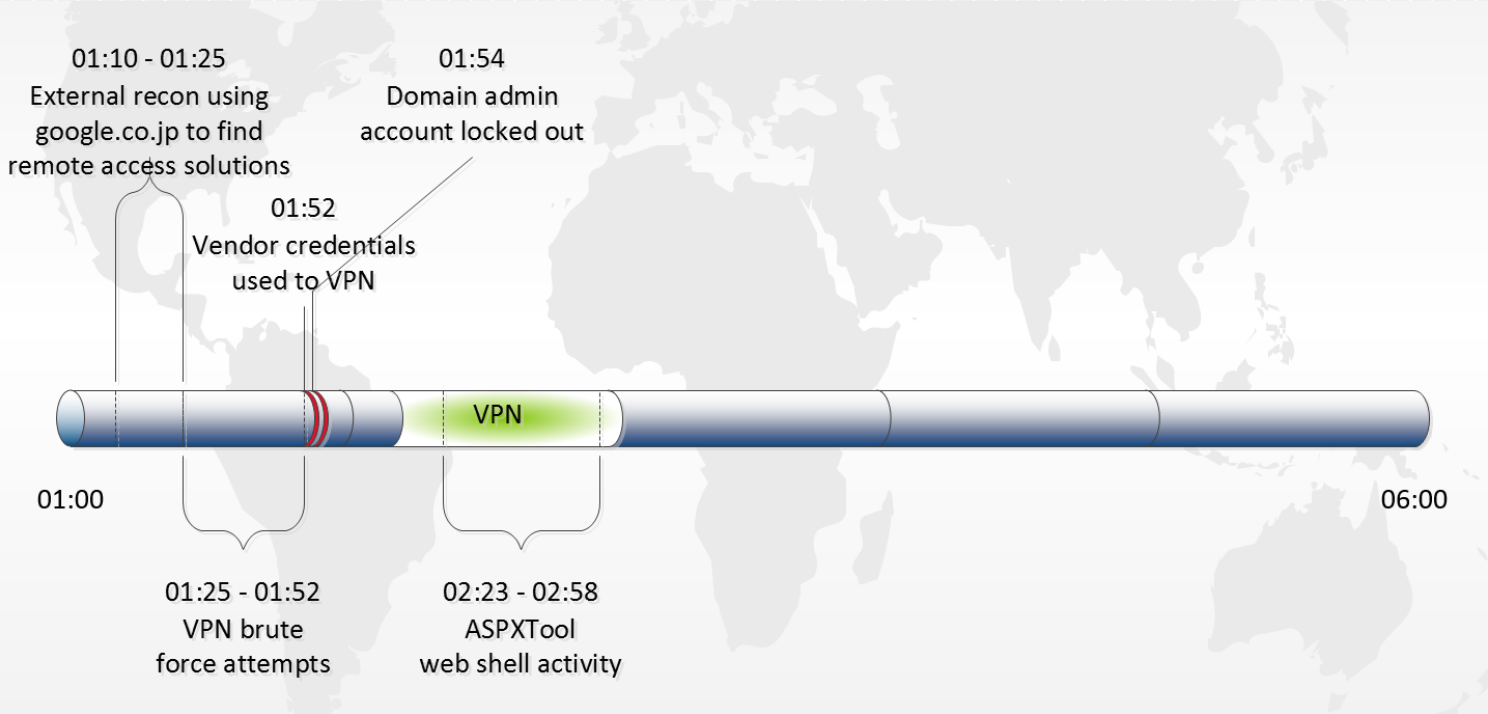

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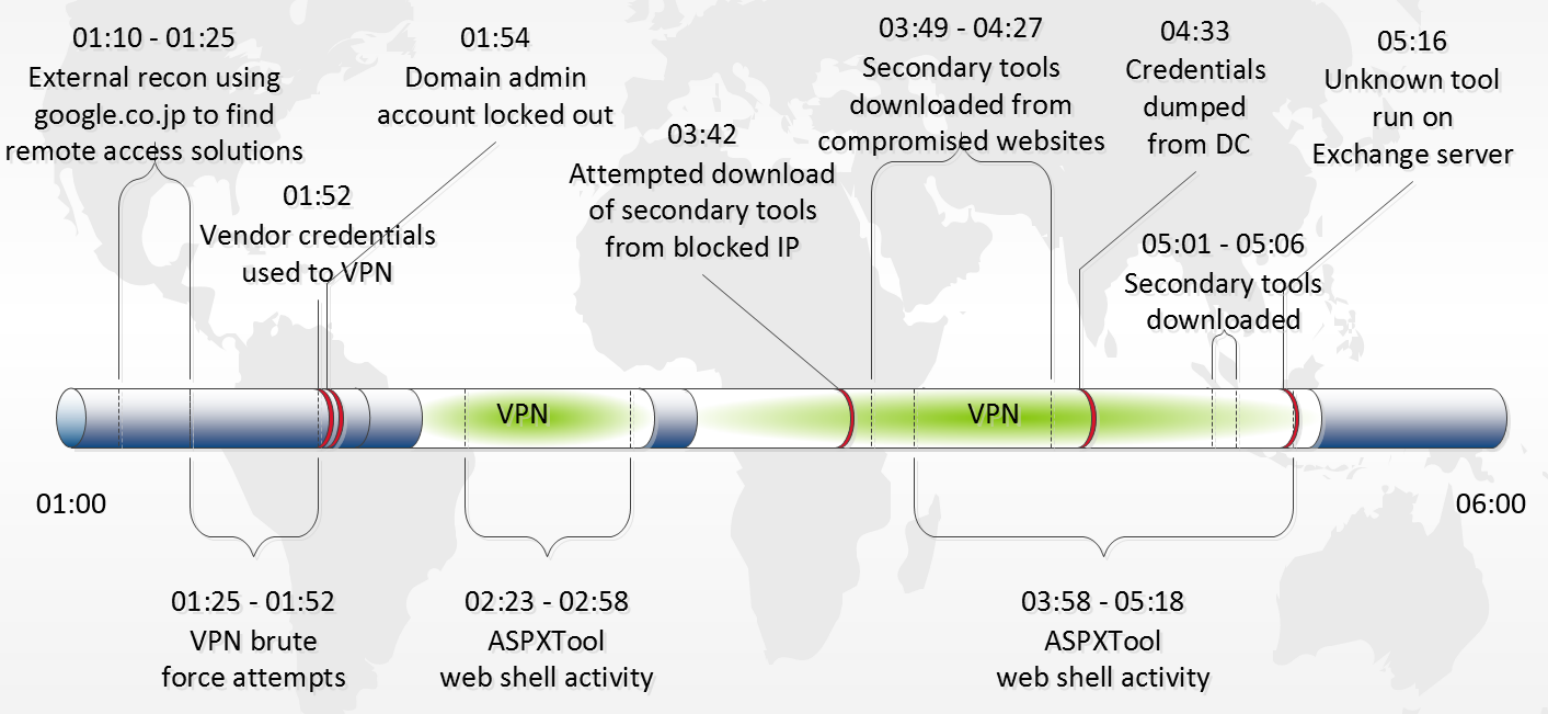

Full-Scope Eviction

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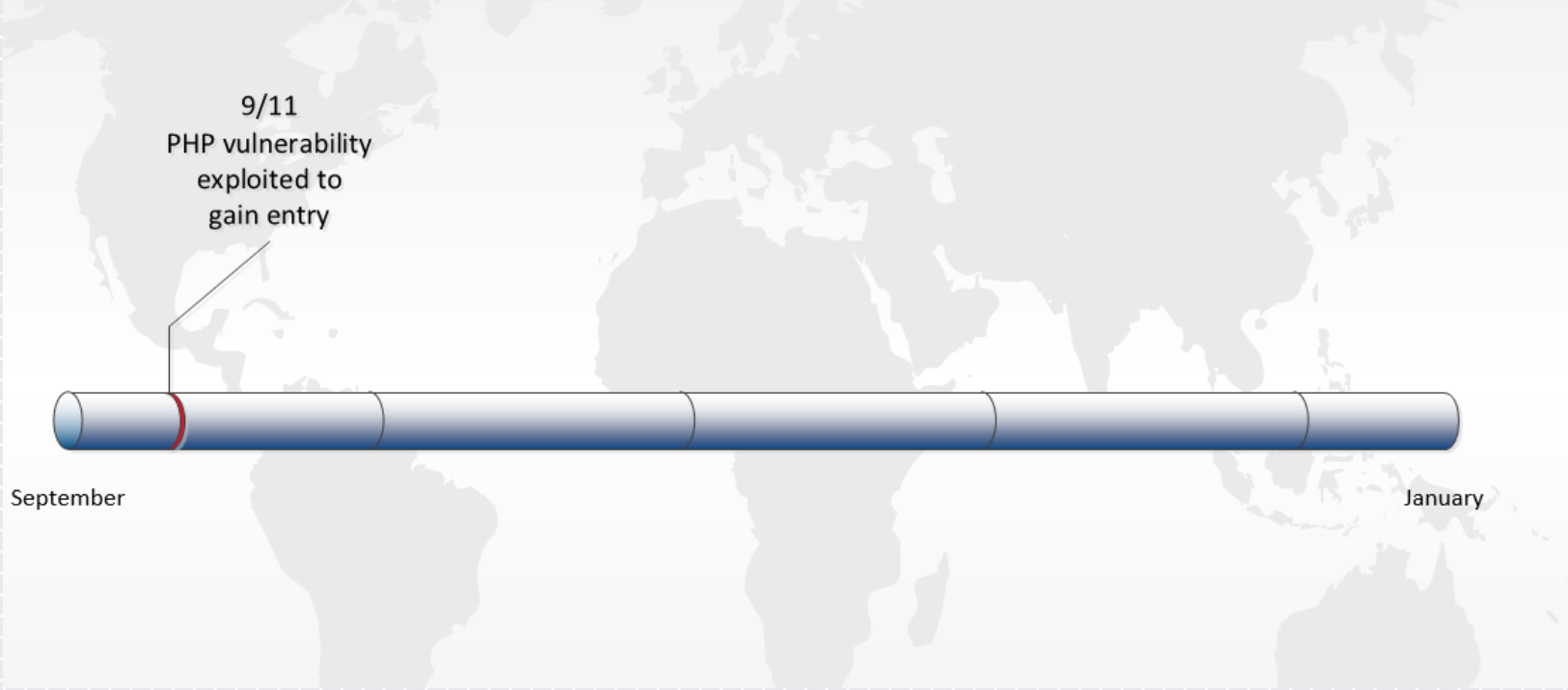

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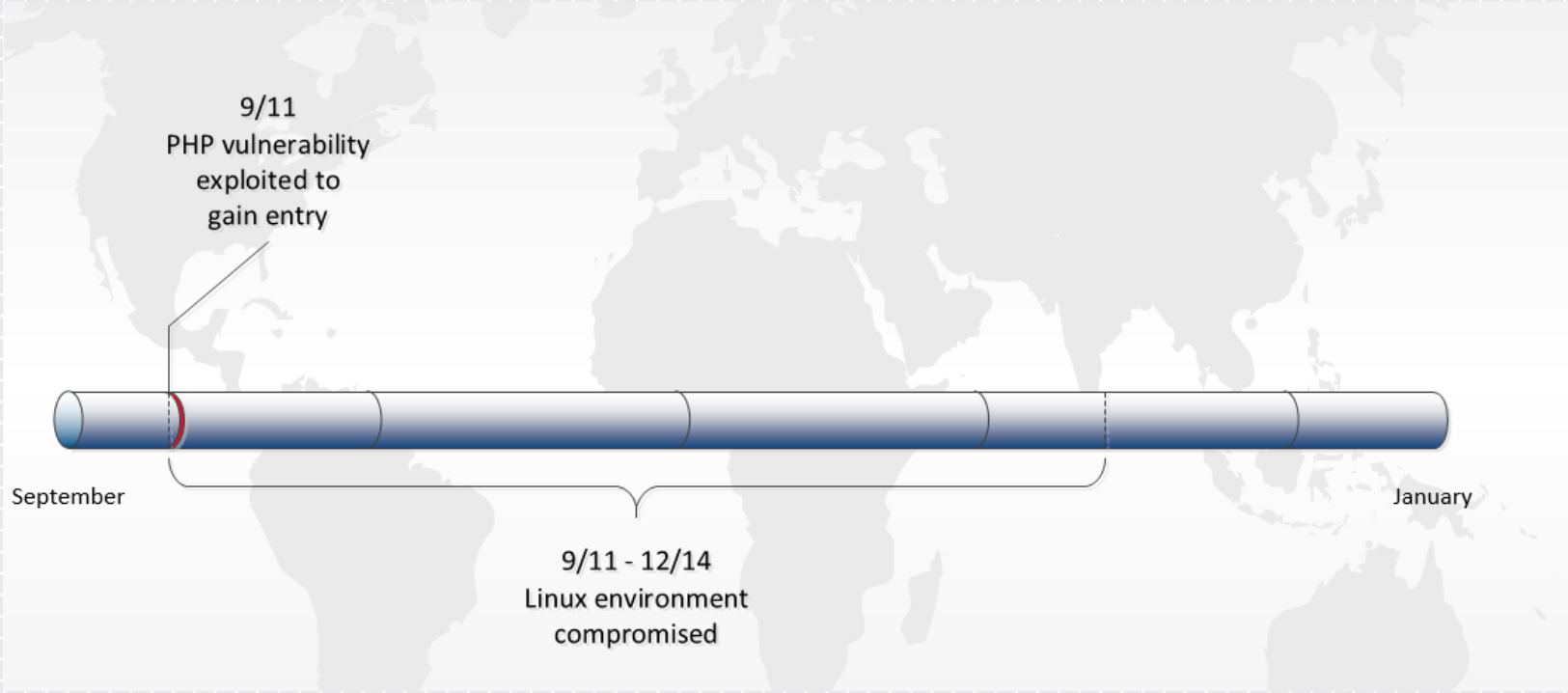

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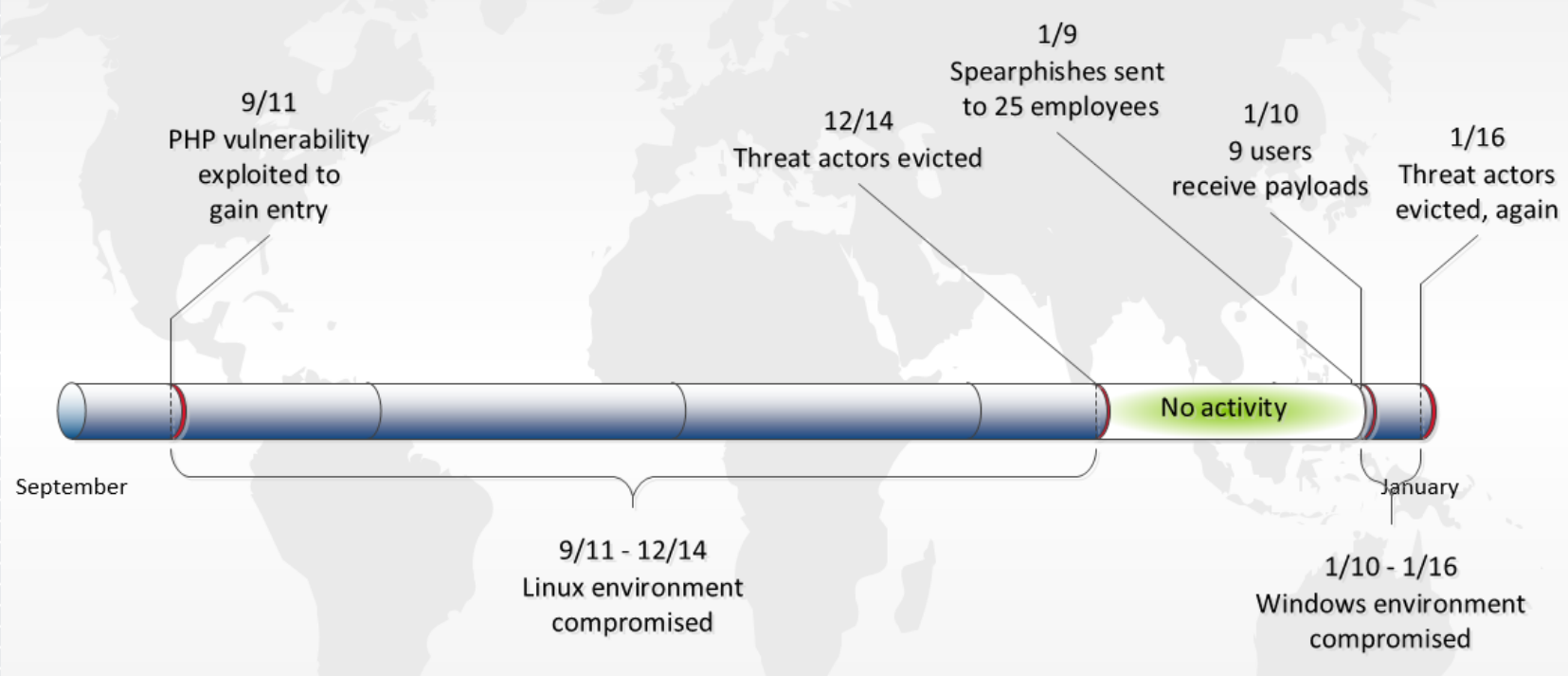

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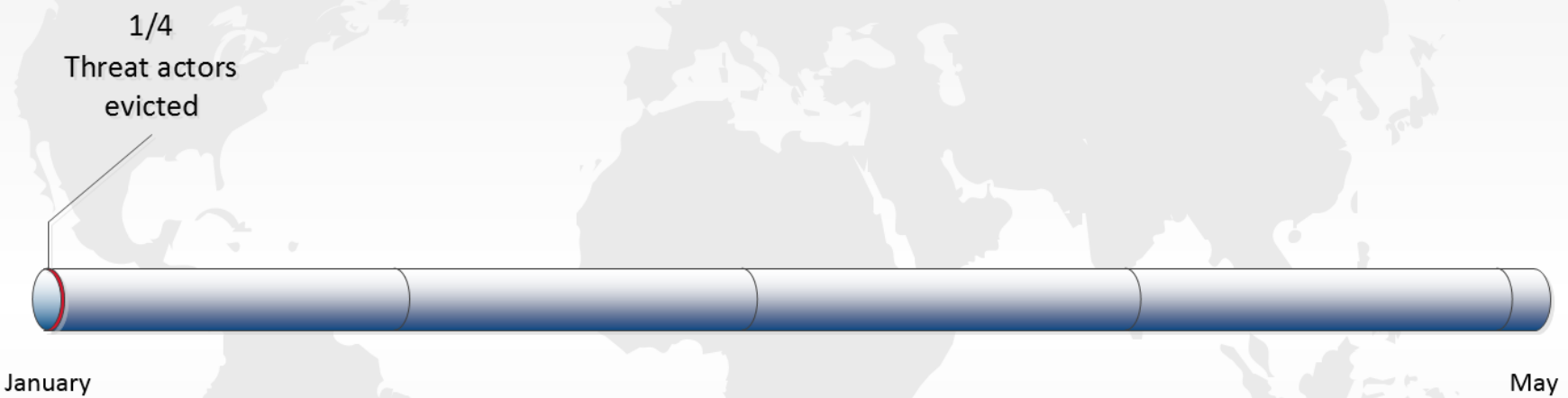

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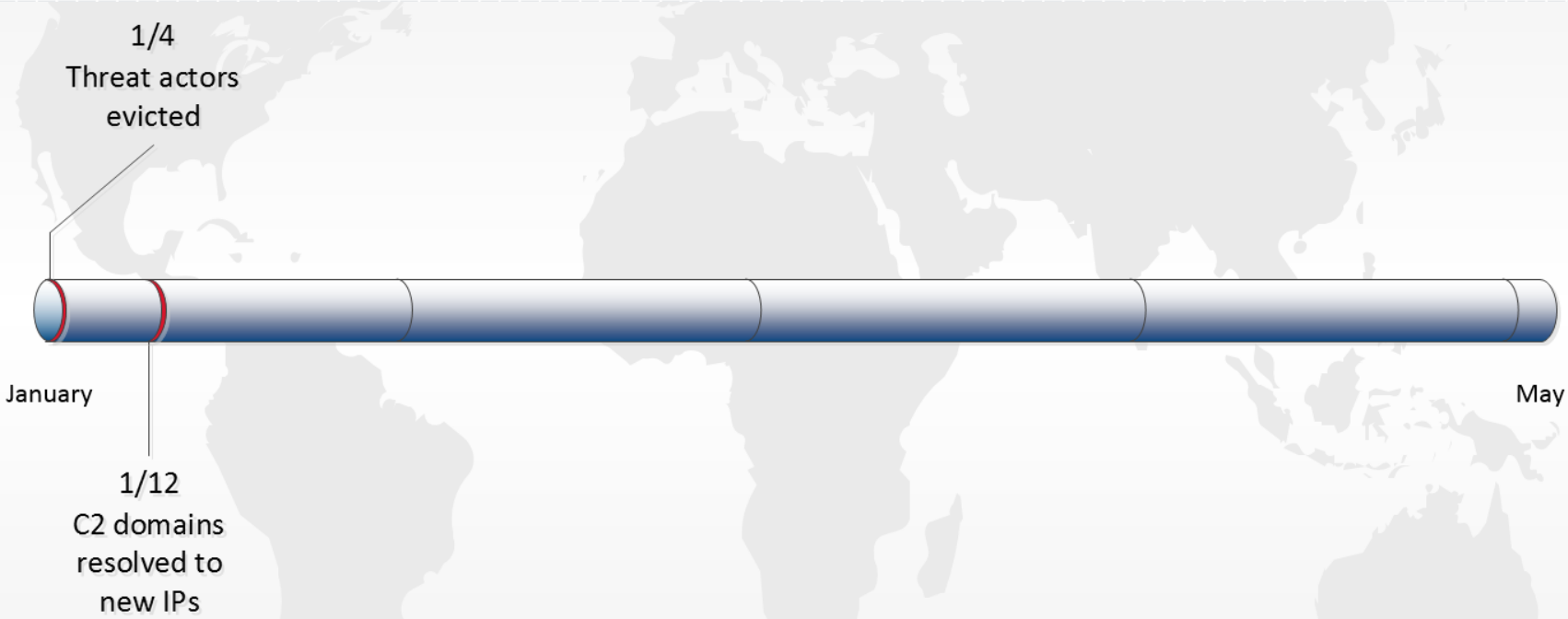

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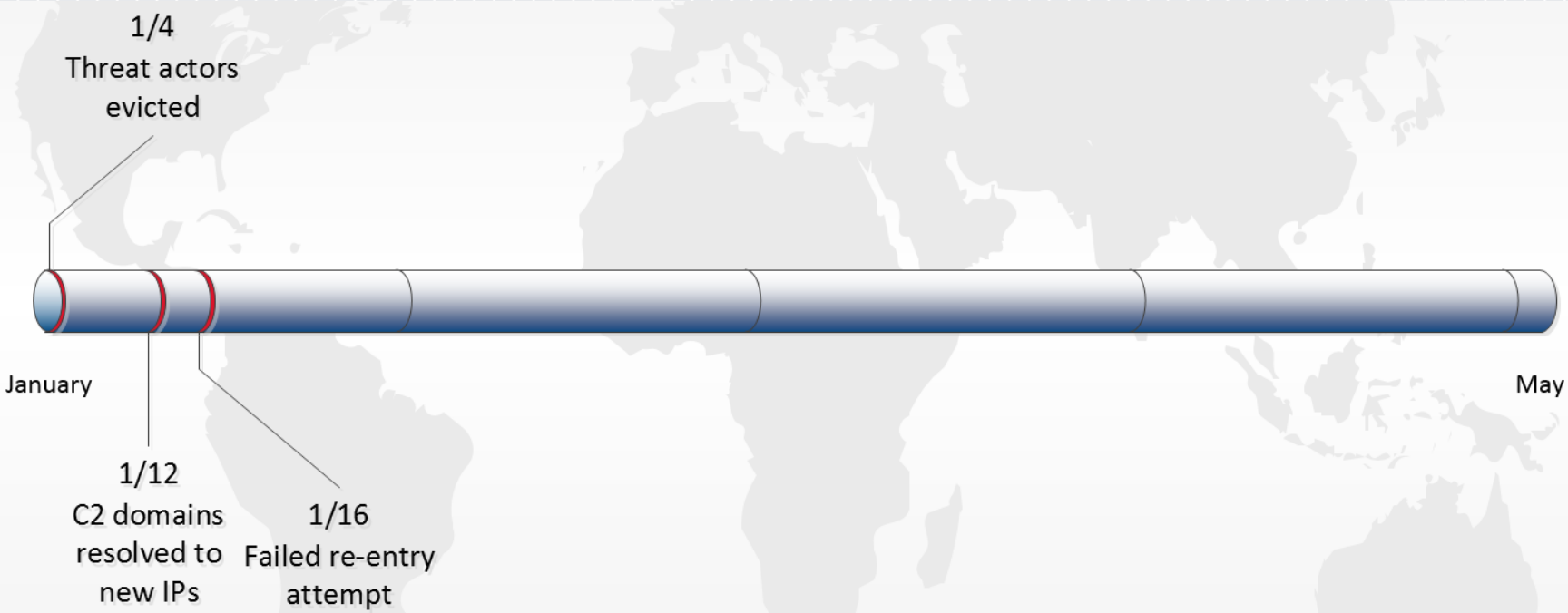

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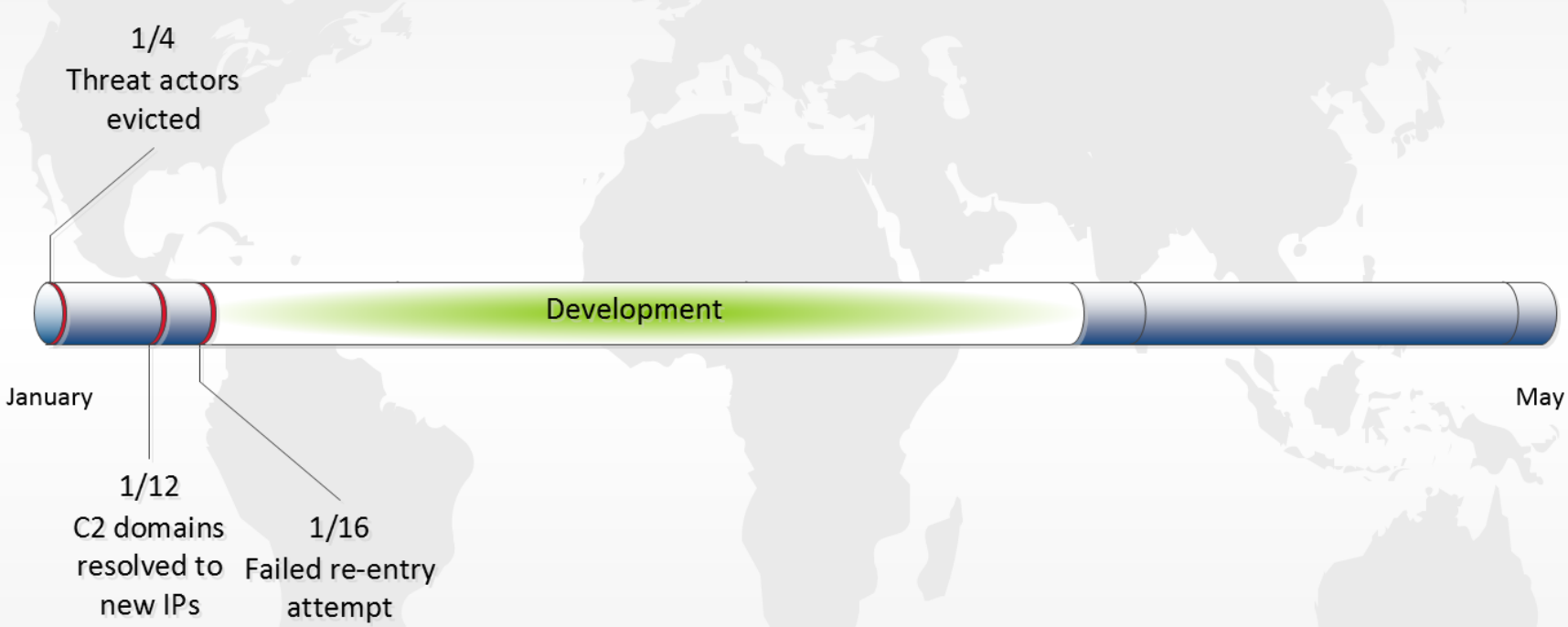

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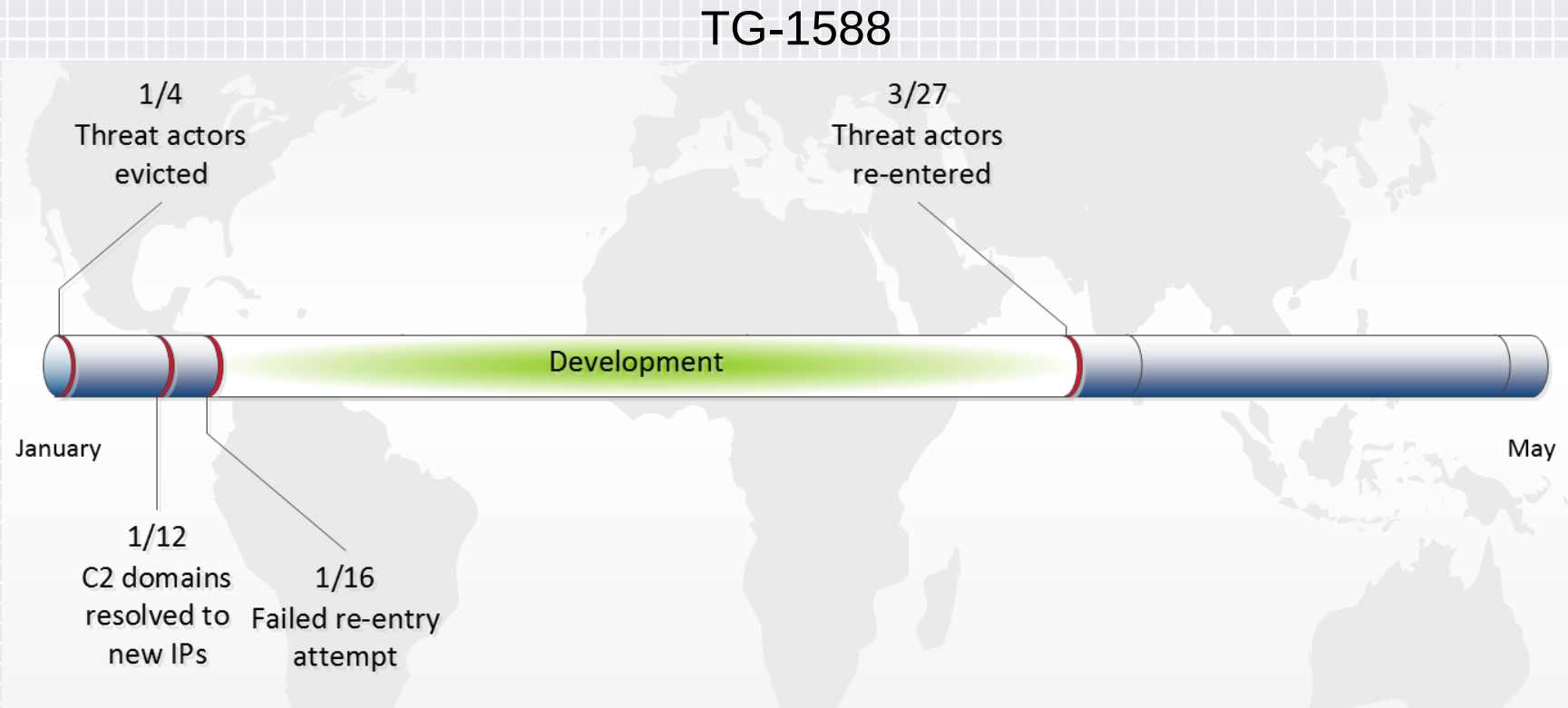

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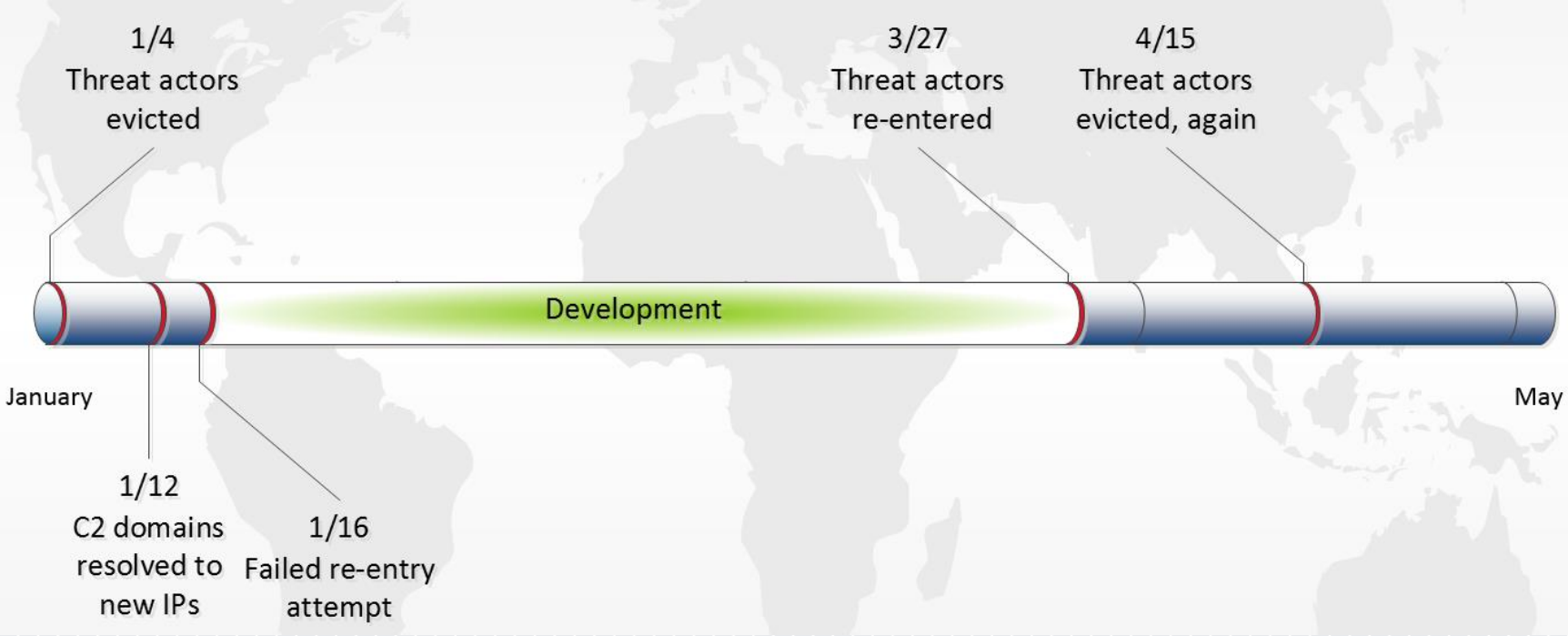

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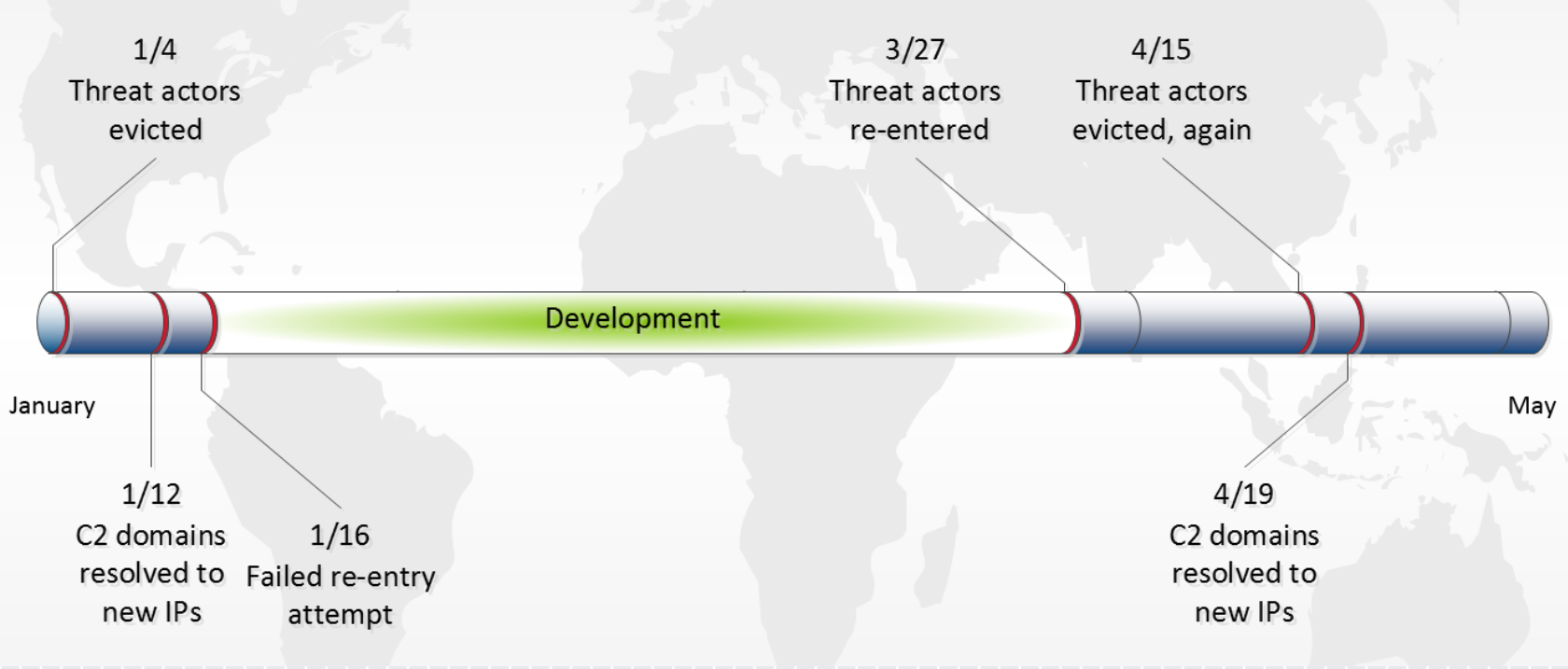

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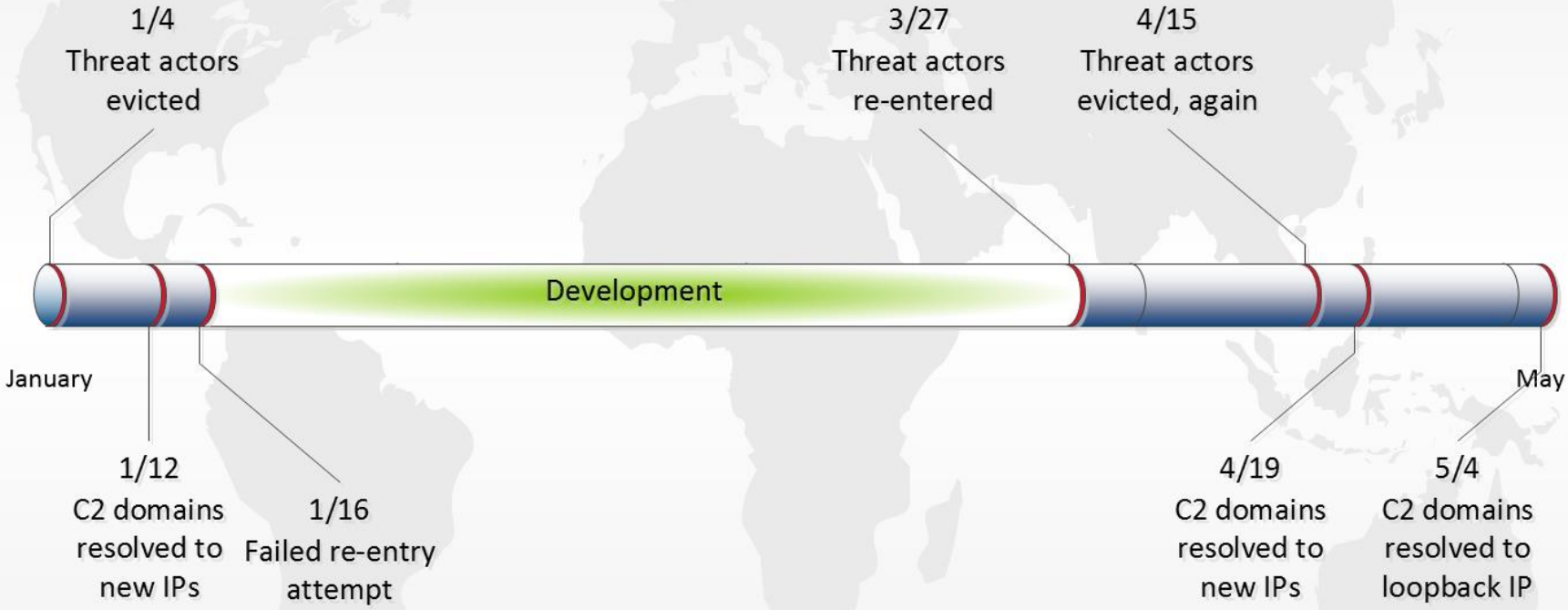

Lessons Learned

- Incident response is often a marathon, not a sprint
- Apply Occam’s razor
- Conduct root cause analysis
- Don’t throw the first punch unless you have a plan to win
- Weekends are your friend
- Order of execution for eviction steps is important

Conclusion

- Implement and practice targeted threat response plan
- Accurately assess the threat and the risk to determine best eviction strategy
  - Ad-Hoc
  - Containment
  - Compartmented
  - Failover
  - Full Scope
- Improving defense = reducing time to detect and effort to respond

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Thank You