

The Art of Artificial Intelligence for

Data Breach Management

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Information Security Director

Agenda



- Cyber Security Challenges
- The Art of Artificial Intelligence for Data Breach
 Management

Cybersecurity Challenges



Technology Evolution - IoT



```
(),+function(a){"use strict";function b(b){return this.each(function(
e[b]()})}var c=function(b){this.element=a(b)};c.VERSION="3.3.7",c.TRANSITION_DURATION=150,c.pro
  down-menu)"),d=b.data("target");if(d||(d=b.attr("href"),d=d&&d.replace(/.*(?=#[^\s]*$)/,"")),
t a"),f=a.Event("hide.bs.tab",{relatedTarget:b[0]}),g=a.Event("show.bs
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aultPrevented()){var h=a(d);this.activate(b.closest("li"),c),this.a@
rigger({type:"shown.bs.tab",relatedTarget:e[0]})})}}},c.prototype
 > .active").removeClass("active").end().find('[data-toggle="tab']
ia-expanded",!0),h?(b[0].offsetWidth,b.addClass("in")):b.removeC₫
).find('[data-toggle="tab"]').attr("aria-expanded",!0),e&&e()}v&
e")||!!d.find("> .fade").length);g.length&&h?g.one("bsTransition"
 var d=a.fn.tab;a.fn.tab=b,a.fn.tab.Constructor=c,a.fn.tab.noCon
show")};a(document).on("click.bs.tab.data-api",'[data-toggle="ta
se strict"; function b(b){return this.each(function(){var d=a(thi
typeof b&&e[b]()})}var c=function(b,d){this.options=a.extend({}};
,a.proxy(this.checkPosition,this)).on("click.bs.affix.data-api";
ull,this.pinnedOffset=null,this.checkPosition()};c.VERSION="3.3.7";
                                                                                           earget=a
State=function(a,b,c,d){var e=this.$target.scrollTop(),f=this.$elem
                                                                                         osition
bottom"==this.affixed)return null!=c?!(e+this.unpin<=f.top)&&"botty"
                                                                                        affix-top
!=c&&e<=c?"top":null!=d&&i+j>=a-d&&"bottom"},c.prototype.getPinne
RESET).addClass("affix"); var a=this.$target.scrollTop(),b=this
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ithEventLoop=function(){setTimeout(a.proxy(this.checkPosit
                                                                                       &"bottom
nt.height(),d=this.options.offset,e=d.top.f=
                                                                                             EXHI
eof e&&(e=d.top(this.$e)emon
```

Global Interconnection





Complex Infrastructure





Demanding Business



Compliance & Regulations





Limited Resources





The Perimeter Has Vanished

Telecommuting



Shift to Cloud



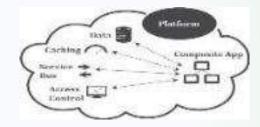
User-Developed Applications

Enterprise



Mobile

Composite Applications and Application Proliferation



Consumerization of IT / BYOD



Dynamic Onboarding

Advanced Authentication

Cloud Backup & Recovery

Supply Chain / Partners

Global, Distributed Workforce



Explosion of Data





Sophisticated Attacks













Advance Malware





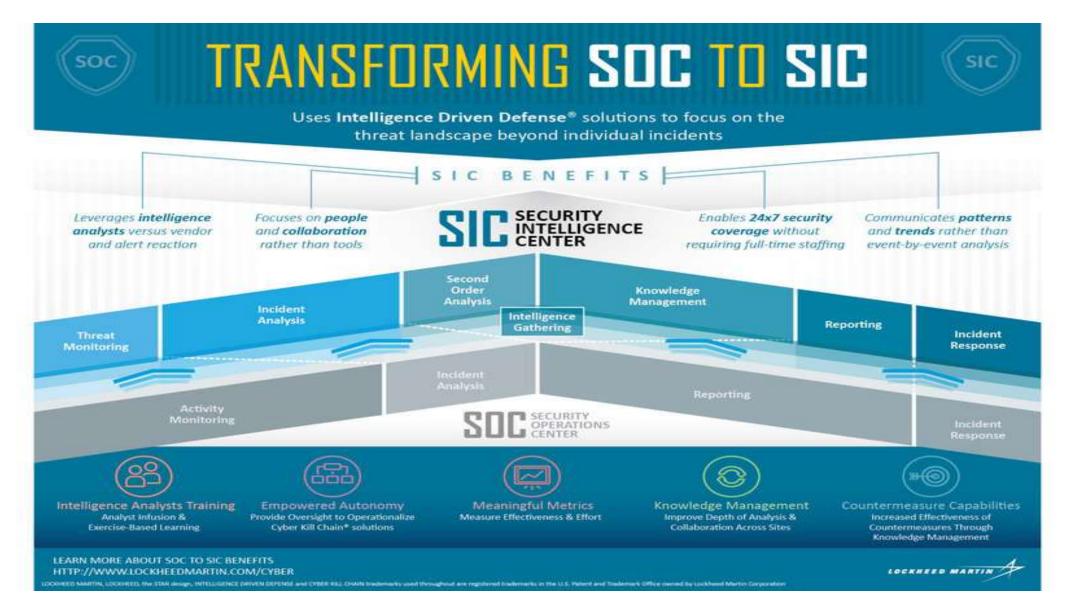
The Art of Artificial Intelligence for Data Breach Management



Intelligence Driven SOC



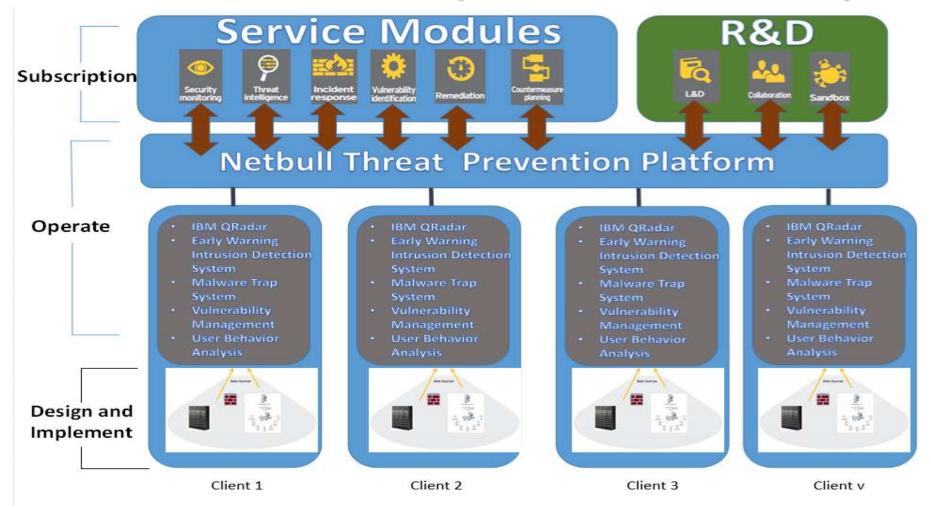
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Netbull Threat Management Platform

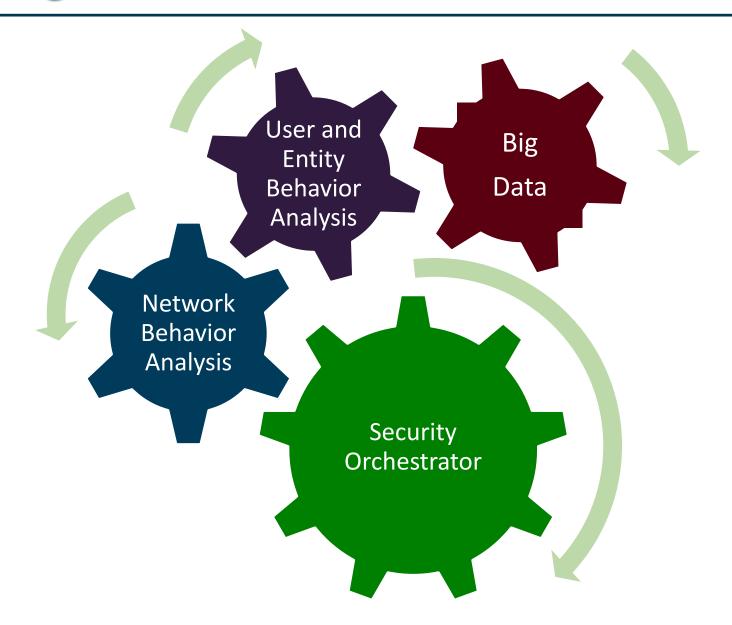


(based on IBM Qradar)



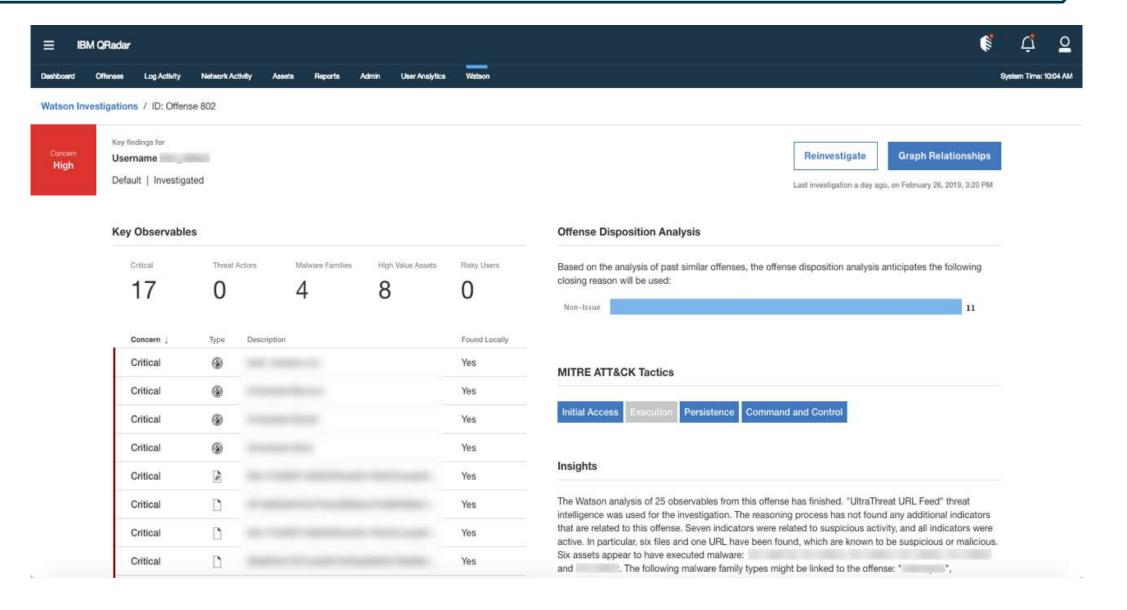
Artificial Intelligence





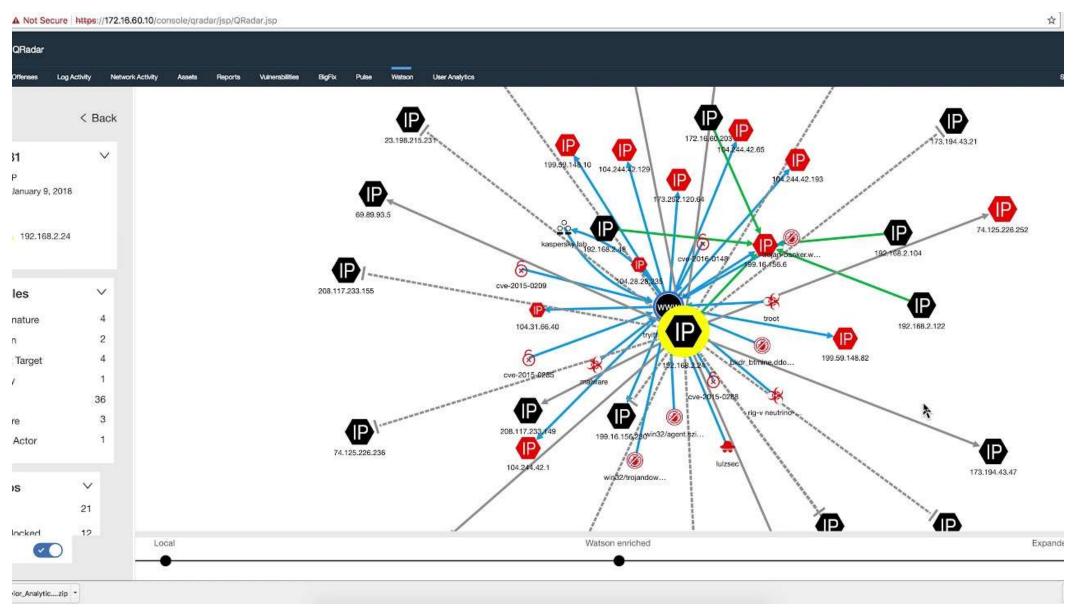
Security Orchestrator (1/2)





Security Orchestrator (2/2)





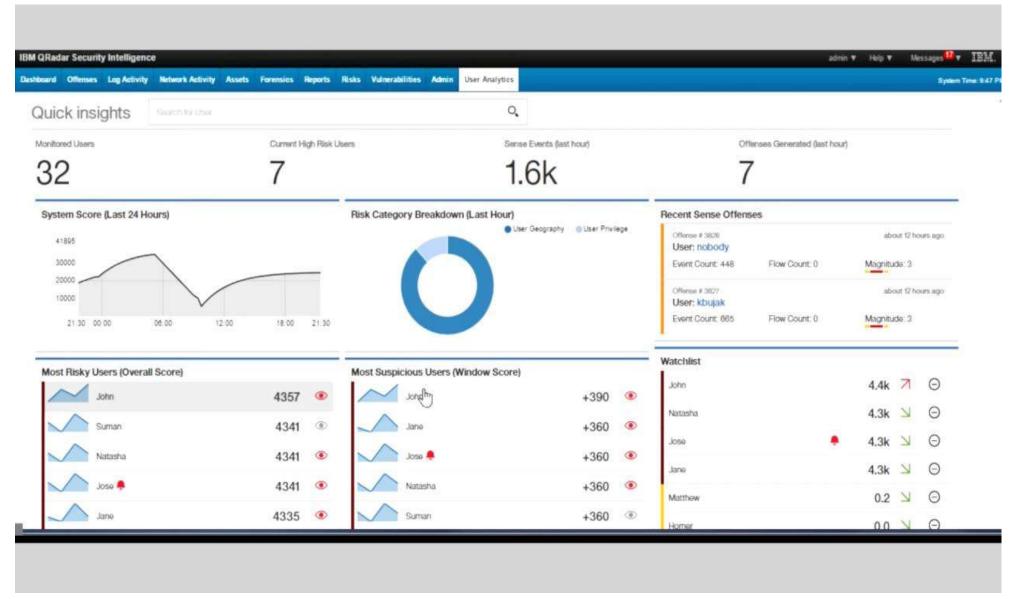
Network Behavior Analysis





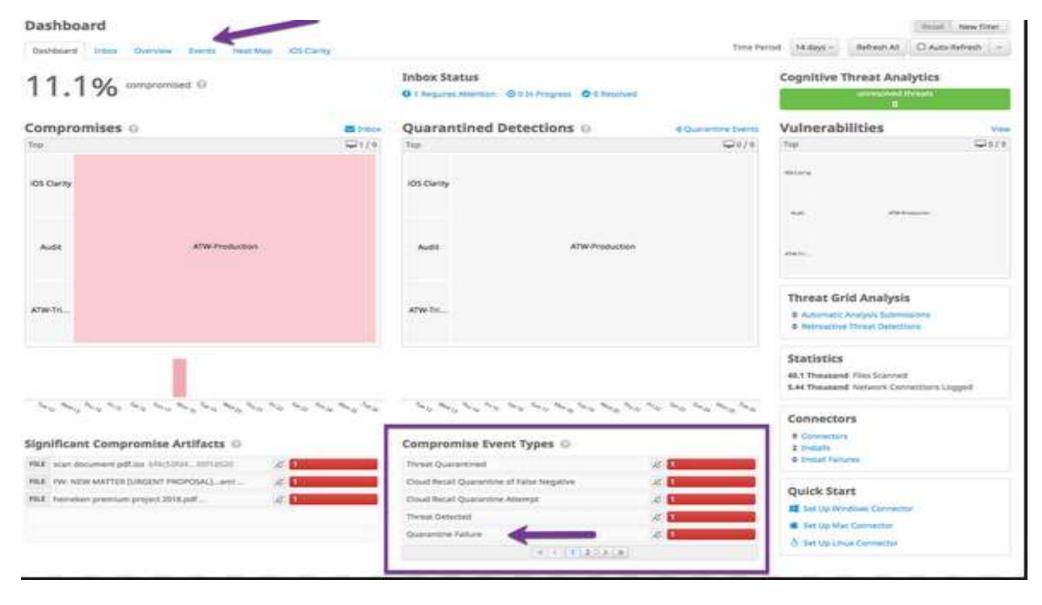
User Behavior Analysis





Entity Behavior Analysis







Thank you for the attention!



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