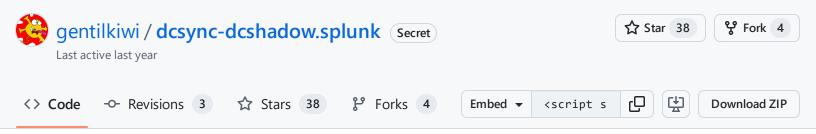
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```
  dcsync-dcshadow.splunk

                                                                                                        Raw
     sourcetype=XmlWinEventLog:Security AND EventCode=4662 AND NOT (SubjectUserSid="AUTORITE NT\\*" OR Subje
 2
       (ObjectType="%{19195a5b-6da0-11d0-afd3-00c04fd930c9}" OR ObjectType="domainDNS")
 3
 4
       (Properties="*Replicating Directory Changes All*" OR Properties="*{1131f6ad-9c07-11d1-f79f-00c04fc2dc
 5
 6
     )
     rename _time AS DSTime, SubjectUserSid AS DSUserSid, SubjectDomainName AS DSDomainName, SubjectUserNa
 7
     | join type=left Computer, DSLogonId
 8
 9
         search sourcetype=XmlWinEventLog:Security AND EventCode=4624 NOT (TargetUserSid="AUTORITE NT\\*" OR
10
         rename _time AS LogonTime, TargetLogonId AS DSLogonId
11
12
     convert timeformat="%d/%m/%Y %H:%M:%S" ctime(DSTime), ctime(LogonTime)
13
     | table DSTime, Computer, DSUserSid, DSDomainName, DSUserName, DSObjectType, DSObjectName, DSProperties
14
15
     sourcetype="XmlWinEventLog:Security" AND EventCode=4742 AND NOT (SubjectUserSid="AUTORITE NT\\*" OR Sub
16
     AND (ServicePrincipalNames="*GC/*" OR ServicePrincipalNames="*E3514235-4B06-11D1-AB04-00C04FC2DCD2/*")
17
     AND NOT (SubjectUserSid = "AUTORITE NT\\*")
18
     rename _time AS CAMTime, SubjectUserSid AS CAMSubjectUserSid, SubjectDomainName AS CAMSubjectDomainName
19
     | join type=left Computer, CAMSubjectLogonId
20
21
22
         search sourcetype=XmlWinEventLog:Security AND EventCode=4624 NOT (TargetUserSid="AUTORITE NT\\*" OR
         rename _time AS LogonTime, TargetLogonId AS CAMSubjectLogonId
23
24
     convert timeformat="%d/%m/%Y %H:%M:%S" ctime(CAMTime), ctime(LogonTime)
25
     table CAMTime, CAMSubjectUserSid, CAMSubjectDomainName, CAMSubjectUserName, CAMTargetSid, CAMTargetDo
26
```



gentilkiwi commented on Jun 11, 2018

Author •••

Be aware that you might have to change AUTORITE NT and filter out DC\$ accounts and others particularities "join" is limited by the product and does not work as expected in SQL &



johnmccash commented on Apr 26, 2019

. .

The use of 4662 events has two prerequisites:

- 1. The logging hosts (All DCs, in this case) must have the following set in its auditing config: DS Access -> Audit Directory Service Access: Success and Failure
- 2. The AD objects to be monitored (Which, I'm sorry, but I'm unclear exactly which objects must have this ACL applied) must have an Audit ACL applied. Further Question: Do these ACLs need to log all read or write access by anyone at all, or do we just care about write access, or possibly just from a restricted set of users?

Please (Pretty Please? :-))add a description of the exact configuration required to enable the necessary logging. Thanks

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