Logical Logs Backup-Problem

What needs to be check if the logical logs won't get Backed-up?

We have to check firstly whether **onbar** is working or not, If working follow below steps:

Step1: As a first step we need to check manually in server whether logs are getting backup or not using below command:

    onstat -l   (B Indicates that log has been backed up)

```
informix@adetrmdb2:/opt/informix> onstat -l

IBM Informix Dynamic Server Version 14.10.FC8WE -- On-Line -- Up 15 days 13:15:24 -- 946176 Kbytes
2024-02-16 14:03:00

Physical Logging
Buffer bufused  bufsize  numpages   numwrits   pages/io
  P-1  13        64       104751     2523       41.52
      phybegin          physize    phypos      phyused    %used
      1:263             250000     110636      105        0.04

Logical Logging
Buffer bufused  bufsize  numrecs    numpages   numwrits   recs/pages pages/io
  L-3  0        32       141924     18122      12948      7.8        1.4
      Subsystem     numrecs      Log Space used
      OLDRSAM       139845       15749928
      HA            2079         91476

address         number   flags    uniqid   begin            size     used     %used
10e0b8890       6        U-B----- 4611     5:53             5000     5000     100.00
10e0b88f8       7        U-B----- 4612     5:5053           5000     5000     100.00
10e0b8960       8        U-B----- 4613     5:10053          5000     1205     24.10
```

Step2: If we can't see "B" we need to be check with sizes by using below command for knowing the sizes:

    onstat -d

```
informix@adetrmdb2:/opt/informix> onstat -d

IBM Informix Dynamic Server Version 14.10.FC8WE -- On-Line -- Up 15 days 13:19:38 -- 946176 Kbytes
2024-02-16 14:07:14

Dbspaces
address         number   flags    fchunk   nchunks  pgsize  flags  owner     name
10df41028       1        0x1      1        2        2048    N  BA  informix rootdbs
10e8d0028       2        0x2001   2        1        2048    N  TBA informix tempdbspace
10e8d0268       3        0x1      3        3        6144    N  BA  informix datadbs1
10e8d04a8       4        0x1      5        1        2048    N  BA  informix logdbs1
 4 active, 2047 maximum

Chunks
address         chunk/dbs    offset    size      free     bpages    flags pathname
10df41268       1    1       0         500000    236138             PO-B-- /opt/informix/rdsk/rinformix21
10e8d2028       2    2       500000    250000    249947             PO-B-- /opt/informix/rdsk/rinformix21
10e8d3028       3    3       0         833333    4                  PO-B-- /opt/informix/rdsk/rinformix22
10e8d4028       4    3       0         833333    132435             PO-B-- /opt/informix/rdsk/rinformix23
10e8d5028       5    4       0         2500000   1999947            PO-B-- /opt/informix/rdsk/rinformix24
10e8d6028       6    3       0         833333    833330             PO-B-- /opt/informix/rdsk/rinformix25
10e8d1028       7    1       0         2499999   2491076            PO-B-- /opt/informix/rdsk/rinformix27
 7 active, 32766 maximum

NOTE: The values in the "size" and "free" columns for DBspace chunks are
      displayed in terms of "pgsize" of the DBspace to which they belong.
```

Step3: To find where the logical logs present use below command

    oncheck -pc

    oncheck -pe > oncheck.pe

    vi oncheck.pe => For knowing where that particular logical log is located.

Step4: If there are no available logs, then we can add the logical log like below:

    If the logical log did not backed up & we don't have any other free log for backup, In that case we need to add the logical log like below:
    onparams -a -d rootdbs -s 100000

Incase of logical logs not backed up, we need to raise ticket to backup team via TTWOS (**Z_SRT02383893A**).

Or if it works but hanging, we need to raise concern to backup team.